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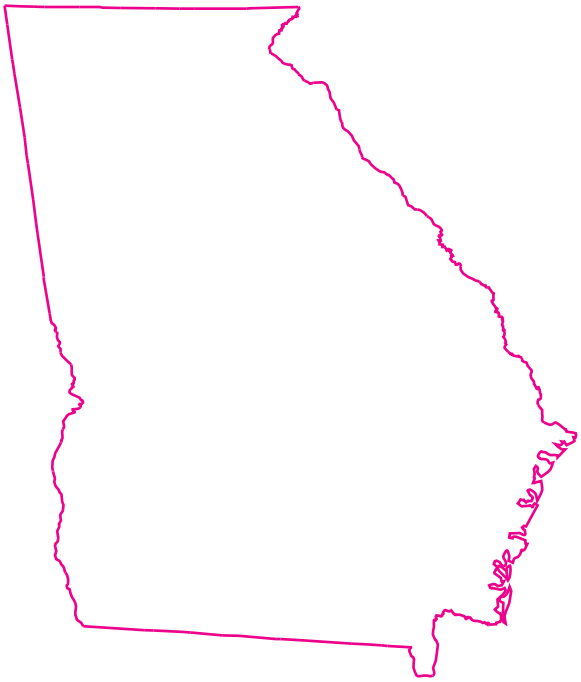
Water Resources Data—Georgia, 2002

Volume 1: Continuous water-level, streamflow, water-quality data, and periodic water-quality data, Water Year 2002

Water-Data Report GA-02-1

Compilers: S. Jack Alhadeff and Brian E. McCallum
Authors: Andrew C. Hickey, John F. Kerestes, and Brian E. McCallum



U.S. Department of the Interior
U.S. Geological Survey

Prepared in cooperation with the State of Georgia and other agencies

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Atlanta, Georgia
2003

U.S. DEPARTMENT OF THE INTERIOR
GALE A. NORTON, Secretary

U.S. GEOLOGICAL SURVEY
Charles G. Groat, Director

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ACKNOWLEDGMENTS

This volume of the annual hydrologic data report of Georgia is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by the private sector and local, State, and Federal agencies for developing and managing our Nation's land and water resources. Hydrologic data for Georgia are contained in two volumes.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

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SPECIAL THANKS

Institutional knowledge is an extremely valuable commodity that is often overlooked when an employee of any organization decides to retire. When George Bailey decided to retire from the USGS in December of 2002, an investment of many years worth of hard work, knowledge, experience, dedication and perseverance also was retired at the same time. George will always be remembered around the Georgia District as someone who always was willing to help, a person whom you could place your trust in to make sure the job got done right the first time, and one of the friendliest persons around. George was the one to go to if you ever wanted to know about bluegrass music, NASCAR racing, and Georgia barbeque. Congratulations to George Bailey for thirty-three years of service to the USGS. Best of luck, George!

George Bailey with his retirement project

COOPERATION

The U.S. Geological Survey (USGS) and organizations of the State of Georgia have had cooperative agreements for the systematic collection of streamflow records since 1896, for water-quality records since 1937, and for ground-water levels since 1938. Organizations that supplied data are acknowledged in station descriptions.

Organizations that assisted in collecting data through cooperative agreement with the USGS are:

Georgia Department of Natural Resources,
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Georgia Department of Agriculture,
Tommy Irvin, Commissioner
Bibb County
Glynn County
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City of Brunswick
City of Covington
City of East Point
City of Griffin
City of Helena
City of Macon
City of Savannah
City of Springfield
City of Summerville
City of Thomaston
City of Valdosta
City of Winder
Albany Water, Gas, and Light Commission
Albany–Dougherty Planning Commission
Athens–Clarke County Public Utilities Department
Atlanta Regional Commission
Chatooga County Commission
Cherokee County Water and Sewerage Authority
Clayton County Water Authority
Cobb County Water System
Dalton Utilites
Etowah Water and Sewer Authority
Fayette County Water System
Fulton County Public Works Department
Gwinnett County Public Works Department
Henry County Water and Sewerage Authority
Macon–Bibb County Water and Sewerage Authority
Monroe Water, Light and Gas Commission
Newton County Water and Sewerage Authority
Polk County Water, Sewage, and Solid Waste Authority
Rockdale County Department of Water Resources
Suwannee River Water Management District,
Live Oak, Fla.
Upper Oconee Water Authority
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Assistance in the form of funds and/or services was given by the following Federal agencies:

U.S. Army Corps of Engineers
U.S. Department of Agriculture, Agricultural Research Service
U.S. Department of Agriculture, U.S. Forest Service
U.S. Environmental Protection Agency
U.S. Department of the Army
U.S. Department of the Air Force
U.S. Department of the Interior, National Park Service
U.S. Department of Commerce, National Oceanic and Atmospheric
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Tennessee Valley Authority
Centers for Disease Control and Prevention

The following organizations aided in collecting records:

Southern Company
Oglethorpe Power Company
Crisp County Power Commission

CONTENTS

INTRODUCTION

Water resources data for the 2002 water year for Georgia consists of records of stage, discharge, and water quality of streams; and the stage and contents of lakes and reservoirs published in two volumes in a digital format on a CD-ROM. Volume one of this report contains water resources data for Georgia collected during water year 2002, including: discharge records of 152 gaging stations; stage for 164 gaging stations; precipitation for 103 gaging stations; information for 20 lakes and reservoirs; continuous water-quality records for 27 stations; the annual peak stage and annual peak discharge for 72 crest-stage partial-record stations; and miscellaneous streamflow measurements at 50 stations, and miscellaneous water-quality data recorded by the NAWQA program in Georgia. Volume two of this report contains water resources data for Georgia collected during calendar year 2002, including continuous water-level records of 153 ground-water wells and periodic records at 133 water-quality stations. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in Georgia.

Records of discharge and stage of streams, and contents or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface-Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperature, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled, "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from the U.S. Geological Survey, Branch of Information Services, Federal Center, Box 25286, Denver, CO 80225.

For water years 1961 through 1970, streamflow data were released by the U.S. Geological Survey in annual reports on a State-boundary basis prior to the two 5-year series water-supply papers, which cover this period. The data contained in the water-supply papers are considered the official record. Water-quality records for water years 1964 through 1970 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1971 water year, water data for streamflow, water quality, and ground water are published in official Survey reports on a State-boundary basis. These official Survey reports carry an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report GA-02-1." These water-data reports are for sale in various formats, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Office at the address provided at the end of this text in the section titled “Access to USGS Water Data”.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 50 sites in small drainage basins around the country whose purpose is to provide consistent data on the streamflow representative of undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by human activities. At 10 of these sites, water-quality

information is being gathered on major ions and nutrients, primarily to assess the effects of acid deposition on stream chemistry. Additional information on the Hydrologic Benchmark Program can be found at http://water.usgs.gov/hbn/.

National Stream-Quality Accounting Network (NASQAN) monitors the water quality of large rivers within the Nation's largest river basins. From 1995 through 1999, a network of approximately 40 stations was operated in the Mississippi, Columbia, Colorado, and Rio Grande basins. For the period 2000 through 2004, sampling was reduced to a few index stations on the Colorado and Columbia so that a network of 5 stations could be implemented on the Yukon River. Samples are collected with sufficient frequency that the flux of a wide range of constituents can be estimated. The objective of NASQAN is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment Program (NAWQA); (3) to characterize processes unique to large-river systems such as storage and re-mobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals. Additional information about the NASQAN Program can be found at http://water.usgs.gov/nasqan/.

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) provides continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from a network of 225 precipitation chemistry monitoring sites. This long-term, nationally consistent monitoring program, coupled with ecosystem research, provides critical information toward a national scorecard to evaluate the effectiveness of ongoing and future regulations intended to reduce atmospheric emissions and subsequent impacts to the Nation's land and water resources. Reports and other information on the NADP/NTN Program, as well as all data from the individual sites, can be found at http://bqs.usgs.gov/acidrain/.

The National Water-Quality Assessment (NAWQA) Program of the U.S. Geological Survey is a long-term program with goals to describe the status and trends of water-quality conditions for a large, representative part of the Nation's ground- and surface-water resources; provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 59 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

Communication and coordination between USGS personnel and other local, State, and federal interests are critical components of the NAWQA Program. Each study unit has a local liaison committee consisting of representatives from key federal, State, and local water resources agencies, Indian nations, and universities in the study unit. Liaison committees typically meet semiannually to discuss their information

needs, monitoring plans and progress, desired information products, and opportunities to collaborate efforts among the agencies. Additional information about the NAWQA Program can be found at http://water.usgs.gov/nawqa/

Explanation of Records

The surface-water records published in this report are for the 2000 water year that began on October 1, 1999, and ended September 30, 2000. The records contain streamflow data and information for lakes and reservoirs. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Station Identification Numbers

Each data station in this report, whether stream site, or other site, is assigned a unique identification number. This number is unique in that it applies specifically to a given station and to no other. The number usually is assigned when a station is first established and is retained for that station indefinitely. The system used by the U.S. Geological Survey to assign identification numbers for surface-water stations and for ground water well sites differ, but both are based on geographic location. The "downstream order" system is used for surface-water stations and the "latitude-longitude" system is used for wells and other off-stream sites.

Downstream Order System

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a mainstream station are listed before that station. A station on a tributary that enters between two mainstream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. This downstream order and system of indention show in stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

The station-identification number is assigned according to downstream order. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete number for each station, such as 02351890, which appears just to the left of the station name, includes the two-digit Part number "02" plus the downstream-order number "351890", which can be from six to 12 digits. Most of the station-identification numbers in this report are eight digits; however, up to 14 digit numbers are permissible.

Latitude-Longitude System

The identification numbers for wells and other off-stream sites, such as rain gages, are assigned according to the grid system of latitude and longitude. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote degrees, minutes, and seconds of longitude, and the last two digits (assigned sequentially) identify the wells or other sites within a 1-second grid. This site-identification number, once assigned, is a pure number, and has no location significance. In the rare instance where the initial determination of latitude and longitude are

found to be in error, the station will retain its initial identification number; however, its true latitude and longitude will be listed in the LOCATION paragraph of the station description.

Records of Stage and Water Discharge

Records of stage and water discharge may be complete or partial. Complete records of stage or discharge are those obtained using a continuous or specified time-interval stage-recording device through which either instantaneous or mean daily discharges may be computed for any time, or any period of time, during the period of record. Occasionally, other parameters such as tainter gate openings and stream velocity will also be needed to compute discharges. Stations for which daily mean discharges or gage heights are published are referred to as "daily stations".

By contrast, partial records are obtained through discrete measurements without using a continuous stage-recording device and pertain only to a few flow characteristics, or perhaps only one. The nature of the partial record is indicated by table titles such as "Crest-stage partial records," or "Low-flow partial records." Records of miscellaneous peak discharge at selected sites or of measurements from specific studies, such as low-flow seepage studies, may be considered as partial records and these are presented under the appropriate heading. Locations of all complete-record and crest-stage partial-record stations for which data are given in this report are displayed by activating the appropriate theme on the user interface.

Data Collection and Computation

The data obtained at a complete-record gaging station on a stream or canal consist of a continuous record of stage, individual measurements of discharge throughout a range of stages, and notations regarding factors that may affect the relations between stage and discharge. These data, together with supplemental information, as weather records, are used to compute daily discharges.

Continuous records of stage are obtained with devices that record stage values at selected time intervals or with analog recorders that trace continuous graphs of stage. Measurements of discharge are made with current meters using methods adapted by the Geological Survey as a result of experience accumulated since 1880. These methods are described in standard textbooks, in Water-Supply Paper 2175, and in U.S. Geological Survey Techniques of Water-Resources Investigations (TWRI), Book 3, Chapters A1 through A19 and Book 8, Chapters A2 and B2. The methods referenced above are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (ISO).

In computing discharge records, results of individual measurements are plotted against the corresponding stages, and stage-discharge relation curves are then constructed. From these curves, rating tables indicating the approximate discharge for any stage within the range of the measurements are prepared. If it is necessary to define extremes of discharge outside the range of the current-meter measurements, the curves are extended using: (1) logarithmic plotting; (2) velocity-area studies; (3) results of indirect measurements of peak discharge, such as slope-area or contracted- opening measurements, and computations of flow-over-dams or weirs; or (4) step-backwater techniques.

Daily mean discharges are computed by applying the daily mean stages (gage heights) to the stage-discharge curves or tables. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is determined by the shifting-control method, in which correction factors based on the individual discharge

measurements and notes of the personnel making the measurements are applied to the gage heights before the discharges are determined from the curves or tables. This shifting-control method is also used if the stage-discharge relation is changed temporarily because of aquatic growth or debris on the control. For some stations, formation of ice in the winter may so obscure the stage-discharge relations that daily mean discharges must be estimated from other information such as temperature and precipitation records, notes of observations, and records for other stations in the same or nearby basins for comparable periods.

At some stream-gaging stations the backwater from reservoirs, tributary streams, or other sources affects the stage-discharge relations. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relations are affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

For some gaging stations there are periods when no gage-height record is obtained, or the recorded gage height is so faulty that it cannot be used to compute daily discharge. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged; the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated from the recorded range in stage, previous and following record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Information explaining how estimated daily-discharge values are identified in station records is included in the next two sections, "Data Presentation" (REMARKS paragraph) and "Identifying Estimated Daily Discharge."

Computation of records of lake or reservoir contents requires a stage-contents relation, which can be obtained from surveys, curves, or tables defining this relationship. The application of stage to the stage-contents curves or tables gives the contents from which daily, monthly, or yearly changes then are determined. If the stage-contents relation changes because of deposition of sediment in a lake or reservoir, periodic resurveys may be necessary to redefine the relation.

Data Presentation

Streamflow data in the report are presented in a new format that is considerably different from the format in data reports prior to the 1992 water year. The major changes are that statistical characteristics of discharge now appear in tabular summaries following the water-year data table and less information is provided in the text or station manuscript above the table. These changes represent the results of a pilot program to reformat the annual water-data report to meet current user needs and data preferences.

The records published for each continuous-record surface-water discharge station (gaging station) now consist of four parts, the manuscript or station description; the data table of daily mean values of discharge for the current water year with summary data; a tabular statistical summary of monthly mean flow data for a designated period, by water year; and a summary statistics table that includes statistical data of annual, daily, and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration.

Station manuscript

The manuscript provides, under various headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is

provided with each continuous record of discharge or lake content. Comments to follow clarify information presented under the various headings of the station manuscript.

LOCATION.--Information on locations is obtained from the most accurate maps available. The location of the gage with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.--Drainage areas are measured using the most accurate maps available. Because the type of maps available at the time of determination of drainage area varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps and funds become available.

PERIOD OF RECORD.--This indicates the period for which there are published records for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not, and whose location was such that records from it can reasonably be considered equivalent with records from the present station.

REVISED RECORDS.--Published records, because of new information, occasionally are found to be incorrect, and revisions are printed in later reports. Listed under this heading are all the reports in which revisions have been published for the station and the water years to which the revisions apply. If a revision does not include daily, monthly, or annual figures of discharge, that fact is noted after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

GAGE.--The type of gage in current use, the datum of the current gage referred to mean sea level (see glossary), and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.--All periods of estimated daily-discharge record will either be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily-discharge table. (See next section, "Identifying Estimated Daily Discharge.") If a remarks statement is used to identify estimated record, the paragraph will begin with this information presented as the first entry. The paragraph is also used to present information relative to the accuracy of the records, to special methods of computation, to conditions that affect natural flow at the station and, possibly, to other pertinent items.

COOPERATION.--Records provided by a cooperating organization or obtained for the U.S. Geological Survey by a cooperating organization are identified here.

EXTREMES OUTSIDE THE PERIOD OF RECORD.--Included here is information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the U.S. Geological Survey.

PEAK DISCHARGES FOR CURRENT YEAR.--For stations meeting certain criteria, all peak discharges and stages occurring during the water year and greater than a selected base discharge are presented under this heading. The peaks greater than the base discharge, excluding the highest one, are

referred to as secondary peaks. Peak discharges are not published for canals, ditches, drains, or streams for which the peaks are subject to substantial control by man. The time of occurrence for peaks is expressed in 24-hour local standard time. For example, 12:30 a.m. is 0030, and 1:30 p.m. is 1330.

REVISIONS.--If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because, for these stations there would be no current or, possibly, future station manuscript published to document the revision in a "Revised Records" entry, users of data for these stations who obtain the record from published data reports may wish to contact the District office to determine if the published records were revised after the station was discontinued. Data obtained from computer files for discontinued stations will be current since these files are updated with appropriate revisions at the time revisions are made.

Manuscript information for lake or reservoir stations differs slightly from that for stream and stage stations. A paragraph describing the dam, beginning storage date, if known, and pertinent contents and elevation information is included in the description. Normally there is no "REMARKS" section. "EXTREMES" sections are presented only for those reservoirs where daily or more frequent pool elevations are available.

Headings for AVERAGE DISCHARGE, EXTREMES FOR PERIOD OF RECORD, AND EXTREMES FOR CURRENT YEAR have been deleted and the information contained in these paragraphs, except for the listing of secondary instantaneous peak discharges, which are now presented in the PEAK DISCHARGES FOR CURRENT YEAR paragraph, is now presented in the tabular summaries following the discharge table or in the REMARKS paragraph, as appropriate. No changes have been made to the data presentations of lake contents.

Data table of daily mean values

The daily table of discharge records for stream-gaging stations gives mean discharge for each day of the water year. In the monthly summary for the table, the line headed "TOTAL" gives the sum of the daily figures for each month; the line headed "MEAN" gives the average flow in cubic feet per second for the month; and the lines headed "MAX" and "MIN" give the maximum and minimum daily mean discharges, respectively, for each month. Discharge for the month also is usually expressed in cubic feet per second per square mile (line headed "CFSM"); or in inches (line headed "IN."); or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches or in acre-feet may be omitted if there is extensive regulation or diversion or if the drainage area includes large noncontributing areas. At some stations monthly and (or) yearly-observed discharges are adjusted for reservoir storage or diversion, or diversion data or reservoir contents are given. These figures are identified by a symbol and corresponding footnote.

Statistics of monthly mean data

A tabular summary of the mean (line headed "MEAN"), maximum (line headed "MAX"), and minimum (line headed "MIN") of monthly mean flows for each month for a designated period is provided below the mean values table. The water years of the maximum and minimum monthly flows are provided immediately below those figures. The designated period will be expressed as 'FOR WATER YEARS _____-_____, BY WATER YEAR (WY)," and will list the first and last water years of the range of

years selected from the PERIOD OF RECORD paragraph in the station manuscript. It will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station record is indicated in the manuscript.

Summary statistics

A table titled "SUMMARY STATISTICS" follows the statistics of monthly mean data tabulation. This table consists of four columns, with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily and instantaneous flows, not only for the current water year but also for the previous calendar year and for a designated period, as appropriate. The designated period selected, "WATER YEARS _____-_____," will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station record is indicated in the manuscript. All of the calculations for the statistical characteristics designated ANNUAL (See line headings below.), except for the "ANNUAL 7-DAY MINIMUM" statistic, are calculated for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of each statistic reporting extreme values of discharge is provided adjacent to the statistic. Repeated occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When this occurs, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration curve statistics and runoff data are also given. Runoff data may be omitted if there is extensive regulation or diversion of flow in the drainage basin.

The following summary statistics data, as appropriate, are provided with each continuous record of discharge. Comments to follow clarify information presented under the various line headings of the summary statistics table:

ANNUAL TOTAL.--The sum of the daily mean values of discharge for the year. At some stations, the annual total discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by a symbol and corresponding footnotes.

ANNUAL MEAN.--The arithmetic mean of the individual daily mean discharges for the year noted or for the designated period. At some stations, the yearly mean discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by a symbol and corresponding footnotes.

HIGHEST ANNUAL MEAN.--The maximum annual mean discharge occurring for the designated period.

LOWEST ANNUAL MEAN.--The minimum annual mean discharge occurring for the designated period.

HIGHEST DAILY MEAN.--The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.--The minimum daily mean discharge for the year or for the designated period.

ANNUAL 7-DAY MINIMUM.--The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. This value should not be confused with the 7-day 10-year low-flow statistic.)

MAXIMUM PEAK FLOW.-- The maximum instantaneous peak discharge occurring for the water year or designated period. Occasionally the maximum flow for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak flow is given in the table and the maximum flow may be reported in a footnote or in the REMARKS paragraph in the manuscript.

MAXIMUM PEAK STAGE.-- The maximum instantaneous peak stage occurring for the water year or designated period. Occasionally the maximum stage for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak stage is given in the table and the maximum stage may be reported in the REMARKS paragraph in the manuscript or in a footnote. If the dates of occurrence of the maximum peak stage and maximum peak flow are different, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

INSTANTANEOUS LOW FLOW.--The minimum instantaneous discharge occurring for the water year or for the designated period.

ANNUAL RUNOFF.--Indicates the total quantity of water in runoff for a drainage area for the year. Data reports may use any of the following units of measurement in presenting annual runoff data:

> *Acre-foot* (AC-FT) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.
>
> *Cubic feet per second per square mile* (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area.
>
> *Inches* (INCHES) indicate the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.--The discharge that has been exceeded 10 percent of the time for the designated period.

50 PERCENT EXCEEDS.--The discharge that has been exceeded 50 percent of the time for the designated period.

90 PERCENT EXCEEDS.--The discharge that has been exceeded 90 percent of the time for the designated period.

There are several exceptions to the above-described format. First, if a station was operated under both non-regulated and significantly regulated flow regimes, two sets of monthly mean and summary

statistics are furnished. One set of monthly mean and summary statistics represents the period prior to regulation, and the second set represents the period since flow has been regulated. The summary statistics prior to regulation do not include current calendar or water year statistics since they are included in the SINCE REGULATION summary statistics. Also, in the station manuscript there is an AVERAGE DISCHARGE line heading, which is the arithmetic mean of the complete water-year mean discharges for the entire period of record, and includes both the regulated and non-regulated periods of record. Some AVERAGE DISCHARGE computations may include mean discharges adjusted for reservoir storage or diversion. Another exception occurs when discharge records are fragmentary for various reasons. Then, the monthly mean and summary statistics have been eliminated or modified, based on available information, and EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR line headings have been included in the station manuscript. Extremes may include maximum and minimum stages and maximum and minimum discharges. The highest stage may have been obtained from a graphic, digital, or electronic recorder, a crest-stage gage, or by direct observation. Similarly, the minimum is the instantaneous minimum discharge, unless otherwise qualified, and was determined and reported in the same manner as the maximum.

The daily table of gage-height stations gives mean gage-height for each day. In the monthly summary, the line headed "MEAN" gives the average gage height during the month. The lines headed "MAX" and "MIN" provides the maximum and minimum daily gage heights, respectively, for the month.

Data for reservoirs are presented following the continuous-station data for the basin in which they are located. Month-end elevations, contents, and monthly and yearly change in contents are presented in tabular form following the reservoir station description.

Data collected at partial-record stations follow the information for continuous-record sites. If collected, data for partial-record discharge stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of discharge measurements at low-flow partial-record stations. The data contained in the partial-record station tables are often supplemented by information gathered at miscellaneous sites that are neither continuous record nor partial-record stations. This information is presented in tables similar to those for the partial-record stations and the table headings explain the data that are shown.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified either by flagging individual daily values with the letter symbol "e" and printing a table footnote, "e Estimated," or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of the Records

The accuracy of streamflow records depends primarily on: (1) The stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements; and (2) the accuracy of measurements of stage, measurement of discharge, and interpretation of records.

The accuracy attributed to the records is indicated under "REMARKS". "Excellent" means that about 95 percent of the daily discharges are within 5 percent of the true; "good," within 10 percent; and "fair," within 15 percent. Records that do not meet the criteria mentioned are rated "poor." Different accuracies may be attributed to different parts of a given record.

Daily mean discharges in this report are given to the nearest hundredth of a cubic foot per second for values less than 1 ft3/s; to the nearest tenth between 1.0 and 10 ft3/s; to the nearest whole numbers between 10 and 1,000 ft3/s; and to 3 significant figures for values more than 1,000 ft3/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharges listed for partial-record stations and miscellaneous sites.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, and increase or decrease in evaporation due to artificial causes or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff, in inches, are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Records Available

Information used in the preparation of the records in this publication, such as discharge-measurement notes, gage-height records, temperature measurements, and rating tables are on file in the Georgia District office. Also, most of the daily mean discharges are in computer-readable form, and have been analyzed statistically. Information on the availability of the unpublished information or on the results of statistical analyses of the published records may be obtained from the District office.

The National Water Data Exchange (NAWDEX), U.S. Geological Survey, Reston, VA 22092, indexes the water data available from more than 400 organizations, and serves as a focal point to help those in need of water data to determine what information is available. Information and assistance on how to use this system can be obtained from the Georgia District office.

Records of Surface-Water Quality

Records of surface-water quality are usually obtained at or near stream-gaging stations because interpretation of records of surface-water quality nearly always requires corresponding discharge data. Records of surface-water quality in this report may involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A continuing-record station is a site where data are collected on a regularly scheduled basis. Frequency may be once or more times daily, weekly, monthly, quarterly or semi-annually. A periodic-record station is a site where limited water-quality data are collected systematically over a period of years. Frequency of sampling is usually less than quarterly. A miscellaneous station is a site other than a continuous or periodic-record station, where random samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between "continuing records", as used in this report, and "continuous recordings," which refers to a continuous graph or a series of discrete values punched at short intervals on a paper tape. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only

monthly or less frequently. Locations of stations for which records on the quality of surface-water appear in this report are displayed by activating the appropriate theme coverage.

On-Site Measurements and Sample Collection

A primary concern of the water-quality data acquisition efforts of the U.S. Geological Survey is how well the data collected represent on-site water-quality conditions. Measurements of unstable variables such as water temperature, pH, and dissolved oxygen are made on site when samples are taken to assure that the reported readings accurately represent the water-quality at the time of sampling. Standard U.S. Geological Survey procedures for the collection, treatment, and, if necessary, shipment of samples prior to laboratory analysis are also followed to assure that the constituents for which these samples are analyzed have changed minimally from their on-site values. These representative sampling procedures are documented in publications on "Techniques of Water-Resources Investigations," Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. These TWRI's are listed in the "Publications on Techniques of Water-Resources Investigations" section of this report. The procedures are consistent with ASTM standards and generally follow ISO standards. Supplemental information to that found in the listed references may be obtained from the U.S. Geological Survey, Georgia District Office.

One sample can adequately define the water quality at a given time if the mixture of solutes throughout the stream cross-section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load. All samples obtained for the National Stream-Quality Accounting Network (NASQAN) program are obtained from at least several verticals. Whether samples collected at other sites are obtained from the centroid of flow or from several verticals, depends on flow conditions and other factors that must be evaluated by the collector.

Water Temperature

Water temperatures are measured at the water-quality stations, and are also obtained at the time of discharge measurements for water-discharge stations. At stations where recording instruments are used, maximum and minimum temperatures for each day are published. Daily-mean temperatures for these stations and water temperatures measured at the time of water-discharge measurements are on file in the District Office.

Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharge.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples are usually obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross section. Although data collected periodically may represent conditions only at the time of sampling, data are useful in establishing seasonal relations between quality and streamflow and in predicting long-term sediment-discharge characteristics of a stream. The methods used in the

computation of sediment records are described in the TWRI Book 5, Chapter C1 and are consistent with ASTM standards and generally follow ISO standards.

In addition to the records of suspended-sediment discharge, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations.

Laboratory Measurements

Samples for indicator bacteria are analyzed locally. Samples for the National Stream-Quality Accounting Network, the Hydrologic Benchmark Network (see definitions), and several long-term trend stations are analyzed in the U.S. Geological Survey laboratory in Arvada, Co. The Alabama District Sediment Laboratory or the Pennsylvania District Sediment Laboratory analyzes all sediment samples. Georgia Environmental Protection Division (EPD) network samples are analyzed by the Laboratory Services Section, Georgia Department of Natural Resources, Environmental Protection Division, and this is so stated in the "Remarks" section of the station description. Methods used to analyze sediment samples and to compute sediment records are described in the TWRI Book 5, Chapter C1. Methods used by the U.S. Geological Survey laboratories are given in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, A4, and A5. These methods are consistent with ASTM standards and generally follow ISO standards.

Data Presentation

Water-quality records collected at a surface-water daily-record station are published immediately following that record, regardless of the sampling frequency. Station number and name are the same for both records. If no daily surface-water record is available, continuing water-quality record is published with its own station number and name in the regular downstream-order sequence, while data for partial-record stations and miscellaneous sites appear in separate tables following tables of discharge at partial-record stations and miscellaneous sites. Here each partial-record station and miscellaneous site is published with its own station number and name in the regular downstream-order sequence and without descriptive statements.

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for constituents measured daily. Tables of chemical, physical, biological, and radiochemical data obtained at a frequency less than daily are presented first. In tables where both field and laboratory measurements of the same parameter are published (pH, specific conductance, and total alkalinity in this report), the laboratory determinations represent the quality of the sample at the time of analysis. Laboratory values for parameters measured in the field generally will be comparable to the field values for these parameters. Differences between the field and laboratory values represent a summation of (1) actual changes in the sample between the time of collection and the time of analysis, (2) errors in precision associated with instrument operation, and (3) errors in accuracy inherent in the instruments themselves. Tables of "daily values" of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

If the location is identical to that of the discharge-gaging station, the LOCATION and the DRAINAGE AREA statements are not repeated in the descriptive headings. The following information, as appropriate, is provided with each continuing record station. Comments that follow clarify information presented under the various headings of the station description:

LOCATION.--See Data Presentation under "Records of Stage and Water Discharge;" same comments apply.

DRAINAGE AREA.--See Data Presentation under "Records of Stage and Water Discharge;" same comments apply.

PERIOD OF RECORD.--This indicates the periods for which there are published water-quality records for the station. The periods are shown separately for records of constituents measured daily or continuously and those measured less than daily. For those measured daily or continuously, periods of record are given for the constituents individually.

EXTREMES.--Maximums and minimums are given only for constituents measured daily or more frequently. None are given for constituents measured weekly or less frequently, because the true maximums or minimums may not have been sampled. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.--If errors in water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent updates.

Remark Codes

The following remark codes may appear with the water-quality data in this section:

PRINTED OUTPUT	REMARK
E	Value is estimated.
>	Actual value is known to be greater than the value shown.
<	Actual value is known to be less than the value shown.
M	Presence of material verified, but not quantified.
N	Presumptive evidence of presence of material.
U	Material specifically analyzed for, but not detected.
A	Value is an average.
V	Analyte was detected in both the environmental sample and the associated blanks.
S	Most probable value.

Records of Ground-Water Levels

Water-level data from National and State networks of observation wells are given in this report. These data are intended to provide a sampling and historical record of water-level changes in the State's most important aquifers.

In this report, water levels records are presented for 159 wells that have continuous water-level data. In addition to these data, water level and other records for about 1,400 wells throughout Georgia are obtained through cooperative efforts of many Federal, State, and local agencies and placed in the USGS National Water Information System. Each year, the Georgia District and the Georgia Department of Natural Resources, Environmental Protection Division, Geologic Survey Branch, publish a report for the previous calendar year entitled "Ground-Water Conditions for Georgia". This report contains water level hydrographs for recorder wells, maps showing water level changes from the previous year, and other useful information. Details about the availability of the data in the water-level file may be obtained from the District Chief, U.S. Geological Survey, Georgia District.

Data Collection and Computation

Measurements of water levels are made in many types of wells under varying conditions, but the methods of measurement are standardized to the extent possible. The equipment and measuring techniques used ensure that measurements at each well are consistently accurate and reliable.

Tables of water-level data are presented by aquifer and alphabetically by county. The primary site identification number for a given well is the 15-digit number that appears in header of the manuscript. The secondary identification number is the site name, derived according to a well-numbering system developed by the Georgia District Office and based on the USGS index of 71/2-minute topographic maps for Georgia. A matrix has been created to assign an alphanumeric designation to each topographic map in the State, with the column of maps covering the western-most portion of the State assigned the number "01" and the row of maps covering the southern-most portion of the State assigned the letter "A". Column numbers increase sequentially from west to east, and row letters advance alphabetically from south to north. Rows north of "Z" are designated by double letters; AA, BB, and so forth. The letters "I", "O", "II", and "OO" are not used. Each well in each 71/2-minute quadrangle has been assigned a six-character designation consisting first of the column number, then of the row letter, or letters, of the quadrangle in which the well is located. The remaining digits of the local well number are assigned chronologically. The first well inventoried within the boundaries of a quadrangle is number 1. The number 1 is preceded by two zeros if the well is located on a quadrangle with a single-letter designation, and it is preceded by one zero if the well is located on a quadrangle with a double-letter designation. For example, the first well inventoried in the 08G quadrangle is designated the local well number 08G001, or the fourth well inventoried in the 11AA quadrangle is designated the local well number 11AA04.

Water-level records are obtained with devices that record water levels at selected time intervals. The water-level measurements in this report are given in feet with reference to land-surface datum (LSD). LSD is a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum is given in the well description.

Data Presentation

Each well record consists of four parts: (1) the station description including the well diameter and depth, (2) graphs of the water levels for the period of record and current water year, (3) a summary table

of water levels for the current calendar year consisting of the "Mean", the average water level in feet for each month; the "Max" and "Min", the lowest and highest daily mean water levels, respectively, for each month, and for the period of record, and (4) a graph of the monthly mean for 2001 and the mean, max and min for the period of record. Monthly statistics are not computed nor graphed if more than 5 days of missing record occurs. If missing record occurs during the calendar year, it is implied that the highest and lowest water levels are the highest and lowest recorded during the year. If missing record occurs for the period of record, it is implied that the highest and lowest water levels are the highest and lowest recorded during the period of record.

AQUIFER.--Designates by name the aquifer(s) tapped by the well. A map showing the approximate area of aquifer use is included for each well

LATITUDE AND LONGITUDE.--Furnishes the latitude and longitude of the well in degrees minutes and seconds. The datum for these coordinates is the North American Datum of 1983 (NAD 83).

SITE NAME.--Furnishes the site name assigned according to the Georgia state well naming system described previously.

PERIOD OF RECORD.--This entry indicates the period for which there are published records for the well. It lists the year of the start and end of water-level data reported for a give well

WELL DEPTH.--This entry describes the depth of the well from land-surface datum

DATUM.--This entry describes the land-surface elevation at the well. The elevation of the land-surface datum is described in feet above (or below) mean sea level; it is reported with a precision depending on the method of determination.

WELL DIAMETER.--This entry describes the diameter of the well opened to the aquifer, in inches.

Hydrographs for selected periods of record follow the station description. The first graph is a hydrograph of daily mean water levels in feet above or below land-surface datum for the current calendar year. The second graph shows monthly-mean water levels for the period of record and the mean, maximum and minimum of the monthly values for the calendar year. Summary statistics of monthly and annual water levels is given in a table below this graph. The third hydrograph shows monthly mean water levels for the period-of-record in feet above or below land-surface datum. Blank areas on a graph or hydrograph indicate missing records.

ACCESS TO USGS WATER DATA

The U.S. Geological Survey (USGS) is the principal Federal water-data agency and, as such, collects and disseminates about 70 percent of the water data currently being used by numerous State, local, private, and other Federal agencies to develop and manage our water resources. The USGS provides near real-time stage and discharge data for many of the gaging stations equipped with the necessary telemetry and historic daily-mean and peak-flow discharge data for most current or discontinued gaging stations through the World Wide Web (WWW). Some water-quality and ground water data also are available through the WWW. These data may be accessed nation-wide at:

http://water.usgs.gov

In addition, considerable information concerning the water resources in Georgia can be accessed through the WWW at:

http://ga.water.usgs.gov

Data can also be provided in various machine-readable formats by email, floppy disk, or CD-ROM. Information about the availability of specific types of data or products, and user charges, can be obtained locally from the Georgia District Office at the following address:

District Chief, Water Resources Division
U.S. Geological Survey
Peachtree Business Center
3039 Amwiler Road, Suite 130
Atlanta, GA 30360-2824
(770) 903-9100

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

The summary of hydrologic conditions for the 2002 water year for Georgia is based upon the precipitation average totals throughout the State and the daily mean streamflow from four "index" continuous streamflow gages operated by the U.S. Geological Survey (USGS). Precipitation data are referenced from a series of publications of the National Oceanic and Atmospheric Administration called *Climatological Data–Georgia, October 2001 to September 20021, v. 105, no. 10 to v. 106, no 9.* The nine divisions in these publications were averaged to three main regions—north, central, and south. Precipitation departures are calculated by comparing the average monthly total to the historical average from the last 30 years. The four USGS streamflow gages are: 02226000 Altamaha River at Doctortown, Ga.; 02317500 Alapaha River at Statenville, Ga.; 02347500 Flint River near Culloden, Ga.; and 02392000 Etowah River at Canton, Ga. Normal streamflow conditions represent the 25–75 percentile range of historical mean streamflow.

For the 2002 water year, the average total precipitation Statewide was 40.98 inches, which represents a deficit of 10.57 inches. The central region recorded the highest average precipitation deficit of 12.47 inches. The State overall was enduring a fourth year of drought by having moderate to extreme drought conditions throughout the 2001. Overall, all four index stations recorded below-normal streamflow conditions for most of the year.

During October through December, all regions of the State recorded precipitation totals below normal. The departures from normal ranged from -1.78 inches in the south region to -3.25 inches in the north region. All four index streamflow stations recorded below normal streamflows, except for Alapaha near Statenville that was just within the normal range in November.

During January, above-normal precipitation amounts occurred only in the north region of the State, with the central and south regions recording deficits of 1.12 inches and 0.93 inches, respectively. None of the index streamflow stations approached their recorded historical mean streamflows. The Altamaha River at Doctortown streamgage recorded 17 percent of the historical mean streamflow in February.

During February, average precipitation amounts were at least 1.80 inches below normal in all regions of Georgia. Streamflow at all index stations continued to be below normal.

The month of March had higher precipitation conditions, especially in the northern and southern areas of the State. The central region recorded a deficit of 0.21inches. All index stations continued to record below-normal streamflow conditions.

From April to August, precipitation was below normal throughout the State of Georgia, with the exception of the north region in May that had 0.80 inches of rain above normal. The central region recorded a precipitation deficit of 5.16 inches during this period. By August, all index stations recorded one-third or less of the historical mean streamflows.

During September, heavy rainfall events began the process of ending the drought in Georgia. Across the State there was an excess of 3.03 inches of precipitation. All of the index streamflow stations still recorded below normal conditions, but most had recovered to nearly 50 percent of the historical mean streamflows. Only the Flint River at Culloden station recorded 29 percent of normal in September, compared with 17 percent in August.

Ground Water

The hydrographs in this section of the report provide an overview of ground-water levels in major aquifers in Georgia during 2002. Changes in ground-water levels measured in wells are caused by changes in aquifer storage. The many factors that affect ground-water storage are described by Taylor and Alley (2001) and are briefly discussed here. When recharge to an aquifer exceeds discharge, ground-water levels rise and when discharge exceeds recharge, ground-water levels decline. Recharge varies in response to precipitation and surface-water infiltration into an aquifer. Discharge occurs as natural flow from an aquifer to streams and springs, as evapo-transpiration, and as withdrawal from wells.

Water levels in aquifers in Georgia typically follow a cyclic pattern of seasonal fluctuation, with rising water levels during winter and spring due to greater recharge from precipitation, and declining water levels during summer and fall due to less recharge, greater evapo-transpiration, and pumping. The magnitude of fluctuations can vary greatly from season to season and from year to year in response to varying climatic conditions.

Ground-water pumping is the most significant human activity that affects the amount of ground water in storage and the rate of discharge from an aquifer (Taylor and Alley, 2001). As ground-water storage is depleted within the radius of influence of pumping, water levels in the aquifer decline, forming a cone of depression around the well. In areas having a high density of pumped wells, multiple cones of depression can form and produce water-level declines over a large area. These declines may alter ground-water-flow directions, reduce flow to streams, capture water from a stream or adjacent aquifer, or alter ground-water quality.

Ground-water levels are monitored continuously in a network of wells completed in major aquifers of the State. This network includes, but is not limited to 16 wells in the surficial aquifer, 11 wells in the upper and lower Brunswick aquifers, 72 wells in the Upper Floridan aquifer, 10 wells in the Lower Floridan aquifer and underlying units, 12 wells in the Claiborne aquifer, 1 well in the Gordon aquifer, 11 wells in the Clayton aquifer, 11 wells in the Cretaceous aquifer system, 2 wells in Paleozoic-rock aquifers, and 7 wells in crystalline-rock aquifers. In this report, data from these 153 wells were evaluated to determine whether mean-annual ground-water levels were within, below, or above the normal range during 2002 this evaluation indicates that water levels during 2002 were below normal in almost all aquifers monitored, largely reflecting climatic effects from drought and pumping.

Reference Cited

Taylor, C.J., and Alley, W.M., 2001, Ground-water-level monitoring and the importance of long-term water-level data: U.S. Geological Survey Circular 1217, 68 p.

Water Quality

Chemical water-quality network data collection continued throughout the calendar year in cooperation with the Georgia Department of Natural Resources, Environmental Protection Division (GaEPD). All work was associated with the GaEPD river-basin management planning approach to water protection. The basin management plan was in its seventh year of implementation and for most USGS water-quality network stations, data were collected monthly on a calendar-year basis. Data were collected in the Savannah and Ogeechee River basins during the 2002 calendar year. Twelve samples were collected monthly at each of 53 "core" stations, which are long-term stations located throughout the State,

some of which are located in the basins noted above. This report contains data collected during the 2002 calendar year for the continuing chemical-quality network, and other data collected in cooperation with the GaEPD in support of river-basin water-resources planning and management. These data also are supplemented by data from other USGS water-quality programs such as National Water-Quality Assessment (NAWQA). Large parts of the Georgia–Florida Coastal Plain and Apalachicola–Chattahoochee–Flint River basin NAWQA study units are located in Georgia.

Water Use in Georgia

The Georgia Water-Use Program (GWUP), a cooperative project between the USGS and the Georgia Department of Natural Resources, Environmental Protection Division, Georgia Geologic Survey, has documented the use of water in the State since 1977. The primary purpose of the program is to collect, compile, and disseminate data on the principal water users in Georgia. Water-use data, compiled by various Federal, State and local agencies, are combined into a centralized database known as the Georgia Water-Use Data System (GWUDS). GWUDS contains permitted water-use information on public supplies, industrial and commercial supplies, and thermoelectric and hydroelectric uses from 1980-2000. The GWUP personnel estimate water withdrawals for irrigation use by inches of water applied per crop and acre; domestic water use by population and per capita; and livestock water use by animal.

Georgia water law requires a withdrawal permit for all public-supply, industrial, and other water users that withdraw more than 100,000 gallons per day (gal/d). The Georgia Department of Natural Resources, Environmental Protection Division, Water Resources Management Branch (WRMB), is responsible for the issuance of all permits and the enforcement of reporting requirements. Each year, water users are required to report monthly withdrawals to the WRMB. In 1988, the Georgia Legislature enacted a permitting law for irrigation water users that withdraw more than 100,000 gal/d; however, reporting of water-withdrawal amounts to the WRMB is not required.

Reported off-stream withdrawal for thermoelectric, public-supply, and industrial and commercial water-use categories totaled about 5,240 million gallons per day (Mgal/d) in 2000. Eighteen thermoelectric plants, the largest water users in Georgia, withdrew about 3,310 Mgal/d in 2000, mostly from surface-water sources. Permitted withdrawals by public-supply systems totaled about 1,240 Mgal/d, of which about 78 percent were from surface-water sources. Permitted withdrawals by industrial and commercial users totaled about 690 Mgal/d. The major types of industrial users in Georgia include paper, textiles, chemicals, stone and clay, and mining.

In 2000, hydroelectric power generation, the only in-stream use compiled by the Georgia Water-Use Program, totaled about 32,000 Mgal/d (32 billion gallons per day) for 38 permitted hydroelectric plants in Georgia. The 19,000 Mgal/d decrease was the result of lower streamflows during the drought in Georgia.

DEFINITION OF TERMS

Specialized technical terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. Definitions of common terms such as algae, water level, and precipitation are given in standard dictionaries. Not all terms defined in this alphabetical list apply to every State. See also table for converting inch/pound units to International System (SI) units at the end of this report.

Acid neutralizing capacity (ANC) is the equivalent sum of all bases or base-producing materials, solutes plus particulates, in an aqueous system that can be titrated with acid to an equivalence point. This term designates titration of an "unfiltered" sample (formerly reported as alkalinity).

Acre-foot (AC-FT, acre-ft) is a unit of volume, commonly used to measure quantities of water used or stored, equivalent to the volume of water required to cover 1 acre to a depth of 1 foot and equivalent to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters. (See also "Annual runoff")

Adenosine triphosphate (ATP) is an organic, phosphate-rich compound important in the transfer of energy in organisms. Its central role in living cells makes ATP an excellent indicator of the presence of living material in water. A measurement of ATP therefore provides a sensitive and rapid estimate of biomass. ATP is reported in micrograms per liter.

Algal growth potential (AGP) is the maximum algal dry weight biomass that can be produced in a natural water sample under standardized laboratory conditions. The growth potential is the algal biomass present at stationary phase and is expressed as milligrams dry weight of algae produced per liter of sample. (See also "Biomass" and "Dry weight")

Alkalinity is the capacity of solutes in an aqueous system to neutralize acid. This term designates titration of a "filtered" sample.

Annual runoff is the total quantity of water that is discharged ("runs off") from a drainage basin in a year. Data reports may present annual runoff data as volumes in acre-feet, as discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches.

Annual 7-day minimum is the lowest mean value for any 7-consecutive-day period in a year. Annual 7-day minimum values are reported herein for the calendar year and the water year (October 1 through September 30). Most low-flow frequency analyses use a climatic year (April 1-March 31), which tends to prevent the low-flow period from being artificially split between adjacent years. The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day, 10-year low-flow statistic.)

Aroclor is the registered trademark for a group of poly-chlorinated biphenyls that were manufactured by the Monsanto Company prior to 1976. Aroclors are assigned specific 4-digit reference numbers dependent upon molecular type and degree of substitution of the biphenyl ring hydrogen atoms by chlorine atoms. The first two digits of a numbered aroclor represent the molecular type, and the last two digits represent the percentage weight of the hydrogen-substituted chlorine.

Artificial substrate is a device that is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is collected. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multiplate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection. (See also "Substrate")

Ash mass is the mass or amount of residue present after the residue from the dry mass determination has been ashed in a muffle furnace at a temperature of 500 °C for 1 hour. Ash mass of zooplankton and phytoplankton is expressed in grams per cubic meter (g/m^3), and periphyton and benthic organisms in grams per square meter (g/m^2). (See also "Biomass" and "Dry mass")

Aspect is the direction toward which a slope faces with respect to the compass.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, whereas others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Bankfull stage, as used in this report, is the stage at which a stream first overflows its natural banks formed by floods with 1- to 3-year recurrence intervals.

Base discharge (for peak discharge) is a discharge value, determined for selected stations, above which peak discharge data are published. The base discharge at each station is selected so that an average of about three peak flows per year will be published. (See also "Peak flow")

Base flow is sustained flow of a stream in the absence of direct runoff. It includes natural and human-induced streamflows. Natural base flow is sustained largely by ground-water discharge.

Bedload is material in transport that is supported primarily by the streambed. In this report, bedload is considered to consist of particles in transit from the bed to an elevation equal to the top of the bedload sampler nozzle (ranging from 0.25 to 0.5 foot) that are retained in the bedload sampler. A sample collected with a pressure-differential bedload sampler also may contain a component of the suspended load.

Bedload discharge (tons per day) is the rate of sediment moving as bedload, reported as dry weight, that passes through a cross section in a given time. NOTE: Bedload discharge values in this report may include a component of the suspended-sediment discharge. A correction may be necessary when computing the total sediment discharge by summing the bedload discharge and the suspended-sediment discharge. (See also "Bedload," "Dry weight," "Sediment," and "Suspended-sediment discharge")

Bed material is the sediment mixture of which a streambed, lake, pond, reservoir, or estuary bottom is composed. (See also "Bedload" and "Sediment")

Benthic organisms are the group of organisms inhabiting the bottom of an aquatic environment. They include a number of types of organisms, such as bacteria, fungi, insect larvae and nymphs, snails, clams, and crayfish. They are useful as indicators of water quality.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as mass per unit area or volume of habitat.

Biomass pigment ratio is an indicator of the total proportion of periphyton that are autotrophic (plants). This is also called the Autotrophic Index.

Blue-green algae (*Cyanophyta*) are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water. Concentrations are expressed as a number of cells per milliliter (cells/mL) of sample. (See also "Phytoplankton")

Bottom material (See "Bed material")

Bulk electrical conductivity is the combined electrical conductivity of all material within a doughnut-shaped volume surrounding an induction probe. Bulk conductivity is affected by different physical and chemical properties of the material including the dissolved solids content of the pore water and lithology and porosity of the rock.

Cells/volume refers to the number of cells of any organism that is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample volume, and are generally reported as cells or units per milliliter (mL) or liter (L).

Cells volume (biovolume) determination is one of several common methods used to estimate biomass of algae in aquatic systems. Cell members of algae are frequently used in aquatic surveys as an indicator of algal production. However, cell numbers alone cannot represent true biomass because of considerable cell-size variation among the algal species. Cell volume (μm^3) is determined by obtaining critical cell measurements or cell dimensions (for example, length, width, height, or radius) for 20 to 50 cells of each important species to obtain an average biovolume per cell. Cells are categorized according to the correspondence of their cellular shape to the nearest geometric solid or combinations of simple solids (for example, spheres, cones, or cylinders). Representative formulae used to compute biovolume are as follows:

$$\text{sphere } 4/3\pi r^3 \quad \text{cone } 1/3\ \pi r^3 h \quad \text{cylinder } \pi r^3 h.$$

pi (π) is the ratio of the circumference to the diameter of a circle; pi = 3.14159….

From cell volume, total algal biomass expressed as biovolume (μm^3/mL) is thus determined by multiplying the number of cells of a given species by its average cell volume and then summing these volumes for all species.

Cfs-day (See "Cubic foot per second-day")

Channel bars, as used in this report, are the lowest prominent geomorphic features higher than the channel bed.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with BOD or with carbonaceous organic pollution from sewage or industrial wastes. [See also "Biochemical oxygen demand (BOD)"]

Clostridium perfringens *(C. perfringens)* is a spore-forming bacterium that is common in the feces of human and other warm-blooded animals. Clostridial spores are being used experimentally as an indicator of past fecal contamination and presence of microorganisms that are resistant to disinfection and environmental stresses. (See also "Bacteria")

Coliphages are viruses that infect and replicate in coliform bacteria. They are indicative of sewage contamination of water and of the survival and transport of viruses in the environment.

Color unit is produced by 1 milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Confined aquifer is a term used to describe an aquifer containing water between two relatively impermeable boundaries. The water level in a well tapping a confined aquifer stands above the top of the confined aquifer and can be higher or lower than the water table that may be present in the material above it. In some cases, the water level can rise above the ground surface, yielding a flowing well.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Continuous-record station is a site where data are collected with sufficient frequency to define daily mean values and variations within a day.

Control designates a feature in the channel that physically affects the water-surface elevation and thereby determines the stage-discharge relation at the gage. This feature may be a constriction of the channel, a bedrock outcrop, a gravel bar, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure, as used in this report, is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of saltwater.

Cubic foot per second (CFS, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point in 1 second. It is equivalent to approximately 7.48 gallons per second or approximately 449 gallons per minute, or 0.02832 cubic meters per second. The term "second-foot" sometimes is used synonymously with "cubic foot per second" but is now obsolete.

Cubic foot per second-day (CFS-DAY, Cfs-day, [$(ft^3/s)/d$]) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.98347 acre-feet, 646,317 gallons, or 2,446.6 cubic meters. The daily mean discharges reported in the daily value data tables are numerically equal to the daily volumes in cfs-days, and the totals also represent volumes in cfs-days.

Cubic foot per second per square mile [CFSM, $(ft^3/s)/mi^2$] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area. (See also "Annual runoff")

Daily mean suspended-sediment concentration is the time-weighted concentration of suspended sediment passing a stream cross section during a 24-hour day. (See also "Sediment" and "Suspended-sediment concentration")

Daily-record station is a site where data are collected with sufficient frequency to develop a record of one or more data values per day. The frequency of data collection can range from continuous recording to periodic sample or data collection on a daily or near-daily basis.

Data collection platform (DCP) is an electronic instrument that collects, processes, and stores data from various sensors, and transmits the data by satellite data relay, line-of-sight radio, and/or landline telemetry.

Data logger is a microprocessor-based data acquisition system designed specifically to acquire, process, and store data. Data are usually downloaded from onsite data loggers for entry into office data systems.

Datum is a surface or point relative to which measurements of height and/or horizontal position are reported. A vertical datum is a horizontal surface used as the zero point for measurements of gage height, stage, or elevation; a horizontal datum is a reference for positions given in terms of latitude-longitude, State Plane coordinates, or UTM coordinates. (See also "Gage datum," "Land-surface datum," "National Geodetic Vertical Datum of 1929," and "North American Vertical Datum of 1988")

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample. (See also "Phytoplankton")

Diel is of or pertaining to a 24-hour period of time; a regular daily cycle.

Discharge, or **flow**, is the rate that matter passes through a cross section of a stream channel or other water body per unit of time. The term commonly refers to the volume of water (including, unless otherwise stated, any sediment or other constituents suspended or dissolved in the water) that passes a cross section in a stream channel, canal, pipeline, etc., within a given period of time (cubic feet per second). Discharge also can apply to the rate at which constituents, such as suspended sediment, bedload, and dissolved or suspended chemicals, pass through a cross section, in which cases the quantity is expressed as the mass of constituent that passes the cross section in a given period of time (tons per day).

Dissolved refers to that material in a representative water sample that passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal and State agencies that collect water-quality data. Determinations of "dissolved" constituent concentrations are made on sample water that has been filtered.

Dissolved oxygen (DO) is the molecular oxygen (oxygen gas) dissolved in water. The concentration in water is a function of atmospheric pressure, temperature, and dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved-solids concentration. Photosynthesis and respiration by plants commonly cause diurnal variations in dissolved-oxygen concentration in water from some streams.

Dissolved-solids concentration in water is the quantity of dissolved material in a sample of water. It is determined either analytically by the "residue-on-evaporation" method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. In the mathematical calculation, the bicarbonate value, in milligrams per liter, is multiplied by 0.4926 to convert it to carbonate. Alternatively, alkalinity concentration (as mg/L $CaCO_3$) can be converted to carbonate concentration by multiplying by 0.60.

Diversity index (H) (Shannon index) is a numerical expression of evenness of distribution of aquatic organisms. The formula for diversity index is:

$$\bar{d} = -\sum_{i\approx 1}^{s} \frac{n_i}{n} \log_2 \frac{n_i}{n}$$

where n_i is the number of individuals per taxon, n is the total number of individuals, and s is the total number of taxa in the sample of the community. Index values range from zero, when all the organisms in the sample are the same, to some positive number, when some or all of the organisms in the sample are different.

Drainage area of a stream at a specific location is that area upstream from the location, measured in a horizontal plane, that has a common outlet at the site for its surface runoff from precipitation that normally drains by gravity into a stream. Drainage areas given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

Drainage basin is a part of the Earth's surface that contains a drainage system with a common outlet for its surface runoff. (See "Drainage area")

Dry mass refers to the mass of residue present after drying in an oven at 105 °C, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass. (See also "Ash mass," "Biomass," and "Wet mass")

Dry weight refers to the weight of animal tissue after it has been dried in an oven at 65 °C until a constant weight is achieved. Dry weight represents total organic and inorganic matter in the tissue. (See also "Wet weight")

Embeddedness is the degree to which gravel-sized and larger particles are surrounded or enclosed by finer-sized particles. (See also "Substrate embeddedness class")

Enterococcus bacteria are commonly found in the feces of humans and other warm-blooded animals. Although some strains are ubiquitous and not related to fecal pollution, the presence of Enterococcus in water is an indication of fecal pollution and the possible presence of enteric pathogens. Enterococcus bacteria are those bacteria that produce pink to red colonies with black or reddish-brown precipitate after incubation at 41 °C on mE agar (nutrient medium for bacterial growth) and subsequent transfer to EIA medium. Enterococci include *Streptococcus feacalis, Streptococcus feacium, Streptococcus avium,* and their variants. (See also "Bacteria")

EPT Index is the total number of distinct taxa within the insect orders Ephemeroptera, Plecoptera, and Trichoptera. This index summarizes the taxa richness within the aquatic insects that are generally considered pollution sensitive; the index usually decreases with pollution.

Escherichia coli *(E. coli)* are bacteria present in the intestine and feces of warm-blooded animals. *E. coli* are a member species of the fecal coliform group of indicator bacteria. In the laboratory, they are defined as those bacteria that produce yellow or yellow-brown colonies on a filter pad saturated with urea substrate broth after primary culturing for 22 to 24 hours at 44.5 °C on mTEC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Estimated (E) concentration value is reported when an analyte is detected and all criteria for a positive result are met. If the concentration is less than the method detection limit (MDL), an 'E' code will be reported with the value. If the analyte is qualitatively identified as present, but the quantitative determination is substantially more uncertain, the National Water Quality Laboratory will identify the result with an 'E' code even though the measured value is greater than the MDL. A value reported with an 'E' code should be used with caution. When no analyte is detected in a sample, the default reporting value is the MDL preceded by a less than sign (<).

Euglenoids (*Euglenophyta*) are a group of algae that are usually free-swimming and rarely creeping. They have the ability to grow either photosynthetically in the light or heterotrophically in the dark. (See also "Phytoplankton")

Extractable organic halides (EOX) are organic compounds that contain halogen atoms such as chlorine. These organic compounds are semivolatile and extractable by ethyl acetate from air-dried streambed sediment. The ethyl acetate extract is combusted, and the concentration is determined by microcoulometric determination of the halides formed. The concentration is reported as micrograms of chlorine per gram of the dry weight of the streambed sediment.

Fecal coliform bacteria are present in the intestines or feces of warm-blooded animals. They often are used as indicators of the sanitary quality of the water. In the laboratory, they are defined as all organisms that produce blue colonies within 24 hours when incubated at 44.5 °C plus or minus 0.2 °C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Fecal streptococcal bacteria are present in the intestines of warm-blooded animals and are ubiquitous in the environment. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. In the laboratory, they are defined as all the organisms that produce red or pink colonies within 48 hours at 35 °C plus or minus 1.0 °C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Fire algae (*Pyrrhophyta*) are free-swimming unicells characterized by a red pigment spot. (See also "Phytoplankton")

Flow-duration percentiles are values on a scale of 100 that indicate the percentage of time for which a flow is not exceeded. For example, the 90th percentile of river flow is greater than or equal to 90 percent of all recorded flow rates.

Gage datum is a horizontal surface used as a zero point for measurement of stage or gage height. This surface usually is located slightly below the lowest point of the stream bottom such that the gage height is usually slightly greater than the maximum depth of water. Because the gage datum itself is not an actual physical object, the datum usually is defined by specifying the elevations of permanent reference marks such as bridge abutments and survey monuments, and the gage is set to agree with the reference marks. Gage datum is a local datum that is maintained independently of any national geodetic datum. However, if the elevation of the gage datum relative to the national datum (North American Vertical Datum of 1988 or National Geodetic Vertical Datum of 1929) has been determined, then the gage readings can be converted to elevations above the national datum by adding the elevation of the gage datum to the gage reading.

Gage height (G.H.) is the water-surface elevation, in feet above the gage datum. If the water surface is below the gage datum, the gage height is negative. Gage height often is used interchangeably with the more general term "stage," although gage height is more appropriate when used in reference to a reading on a gage.

Gage values are values that are recorded, transmitted, and/or computed from a gaging station. Gage values typically are collected at 5-, 15-, or 30-minute intervals.

Gaging station is a site on a stream, canal, lake, or reservoir where systematic observations of stage, discharge, or other hydrologic data are obtained.

Gas chromatography/flame ionization detector (GC/FID) is a laboratory analytical method used as a screening technique for semivolatile organic compounds that are extractable from water in methylene chloride.

Geomorphic channel units, as used in this report, are fluvial geomorphic descriptors of channel shape and stream velocity. Pools, riffles, and runs are types of geomorphic channel units considered for National Water-Quality Assessment (NAWQA) Program habitat sampling.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algae mats or floating "moss" in lakes. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample. (See also "Phytoplankton")

Habitat, as used in this report, includes all nonliving (physical) aspects of the aquatic ecosystem, although living components like aquatic macrophytes and riparian vegetation also are usually included. Measurements of habitat are typically made over a wider geographic scale than are measurements of species distribution.

Habitat quality index is the qualitative description (level 1) of in stream habitat and riparian conditions surrounding the reach sampled. Scores range from 0 to 100 percent with higher scores indicative of desirable habitat conditions for aquatic life. Index only applicable to wadable streams.

Hardness of water is a physical-chemical characteristic that commonly is recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations (primarily calcium and magnesium) and is expressed as the equivalent concentration of calcium carbonate ($CaCO_3$).

High tide is the maximum height reached by each rising tide. The high-high and low-high tides are the higher and lower of the two high tides, respectively, of each tidal day. *See NOAA web site: http://www.co-ops.nos.noaa.gov/tideglos.html*

Hilsenhoff's Biotic Index (HBI) is an indicator of organic pollution that uses tolerance values to weight taxa abundances; usually increases with pollution. It is calculated as follows:

$$HBI = sum \frac{(n)(a)}{N},$$

where n is the number of individuals of each taxon, *a* is the tolerance value of each taxon, and *N* is the total number of organisms in the sample.

Horizontal datum (See "Datum")

Hydrologic index stations referred to in this report are continuous-record gaging stations that have been selected as representative of streamflow patterns for their respective regions. Station locations are shown on index maps.

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as defined by the former Office of Water Data Coordination and delineated on the State Hydrologic Unit Maps by the USGS. An 8-digit number identifies each hydrologic unit.

Inch (IN., in.), as used in this report, refers to the depth to which the drainage area would be covered with water if all of the runoff for a given time period were uniformly distributed on it. (See also "Annual runoff")

Instantaneous discharge is the discharge at a particular instant of time. (See also "Discharge")

Island, as used in this report, is a mid-channel bar that has permanent woody vegetation, is flooded once a year on average, and remains stable except during large flood events.

Laboratory reporting level (LRL) is generally equal to twice the yearly-determined long-term method detection level (LT-MDL). The LRL controls false negative error. The probability of falsely reporting a nondetection for a sample that contained an analyte at a concentration equal to or greater than the LRL is predicted to be less than or equal to 1 percent. The value of the LRL will be reported with a "less than" (<) remark code for samples in which the analyte was not detected. The National Water Quality Laboratory (NWQL) collects quality-control data from selected analytical methods on a continuing basis to determine LT-MDLs and to establish LRLs. These values are reevaluated annually on the basis of the most current quality-control data and, therefore, may change. [Note: In several previous NWQL documents (NWQL Technical Memorandum 98.07, 1998), the LRL was called the nondetection value or NDV—a term that is no longer used.]

Land-surface datum (lsd) is a datum plane that is approximately at land surface at each ground-water observation well.

Latent heat flux (often used interchangeably with latent heat-flux density) is the amount of heat energy that converts water from liquid to vapor (evaporation) or from vapor to liquid (condensation) across a specified cross-sectional area per unit time. Usually expressed in watts per square meter.

Light-attenuation coefficient, also known as the extinction coefficient, is a measure of water clarity. Light is attenuated according to the Lambert-Beer equation:

$$I = I_o e^{-\lambda L},$$

where I_o is the source light intensity, I is the light intensity at length L (in meters) from the source, λ is the light-attenuation coefficient, and e is the base of the natural logarithm. The light-attenuation coefficient is defined as

$$\lambda = -\frac{1}{L}\log_e \frac{I}{I_o}$$

Lipid is any one of a family of compounds that are insoluble in water and that make up one of the principal components of living cells. Lipids include fats, oils, waxes, and steroids. Many environmental contaminants such as organochlorine pesticides are lipophilic.

Long-term method detection level (LT-MDL) is a detection level derived by determining the standard deviation of a minimum of 24 method detection limit (MDL) spike sample measurements over an extended period of time. LT-MDL data are collected on a continuous basis to assess year-to-year variations in the LT-MDL. The LT-MDL controls false positive error. The chance of falsely reporting a concentration at or greater than the LT-MDL for a sample that did not contain the analyte is predicted to be less than or equal to 1 percent.

Low tide is the minimum height reached by each falling tide. The high-low and low-low tides are the higher and lower of the two low tides, respectively, of each tidal day. See NOAA web site*: http://www.co-ops.nos.noaa.gov/tideglos.html*

Macrophytes are the macroscopic plants in the aquatic environment. The most common macrophytes are the rooted vascular plants that usually are arranged in zones in aquatic ecosystems and restricted in the area by the extent of illumination through the water and sediment deposition along the shoreline.

Mean concentration of suspended sediment (Daily mean suspended-sediment concentration) is the time-weighted concentration of suspended sediment passing a stream cross section during a given time period. (See also "Daily mean suspended-sediment concentration" and "Suspended-sediment concentration")

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period. (See also "Discharge")

Mean high or **low tide** is the average of all high or low tides, respectively, over a specific period.

Mean sea level is a local tidal datum. It is the arithmetic mean of hourly heights observed over the National Tidal Datum Epoch. Shorter series are specified in the name; for example, monthly mean sea level and yearly mean sea level. In order that they may be recovered when needed, such datums are referenced to fixed points known as benchmarks. (See also "Datum")

Measuring point (MP) is an arbitrary permanent reference point from which the distance to water surface in a well is measured to obtain water level.

Membrane filter is a thin microporous material of specific pore size used to filter bacteria, algae, and other very small particles from water.

Metamorphic stage refers to the stage of development that an organism exhibits during its transformation from an immature form to an adult form. This developmental process exists for most insects, and the degree of difference from the immature stage to the adult form varies from relatively slight to pronounced, with many intermediates. Examples of metamorphic stages of insects are egg-larva-adult or egg-nymph-adult.

Method detection limit (MDL) is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the analyte concentration is greater than zero. It is determined from the analysis of a sample in a given matrix containing the analyte. At the MDL concentration, the risk of a false positive is predicted to be less than or equal to 1 percent.

Methylene blue active substances (MBAS) are apparent detergents. The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic anionic detergent compounds.

Micrograms per gram (UG/G, μg/g) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the element per unit mass (gram) of material analyzed.

Micrograms per kilogram (UG/KG, μg/kg) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the constituent per unit mass (kilogram) of the material analyzed. One microgram per kilogram is equivalent to 1 part per billion.

Micrograms per liter (UG/L, μg/L) is a unit expressing the concentration of chemical constituents in water as mass (micrograms) of constituent per unit volume (liter) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter. One microgram per liter is equivalent to 1 part per billion.

Microsiemens per centimeter (US/CM, μS/cm) is a unit expressing the amount of electrical conductivity of a solution as measured between opposite faces of a centimeter cube of solution at a specified temperature. Siemens is the International System of Units nomenclature. It is synonymous with mhos and is the reciprocal of resistance in ohms.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in water as the mass (milligrams) of constituent per unit volume (liter) of water. Concentration of suspended sediment also is expressed in milligrams per liter and is based on the mass of dry sediment per liter of water-sediment mixture.

Minimum reporting level (MRL) is the smallest measured concentration of a constituent that may be reliably reported by using a given analytical method.

Miscellaneous site, miscellaneous station, or miscellaneous sampling site is a site where streamflow, sediment, and/or water-quality data or water-quality or sediment samples are collected once, or more often on a random or discontinuous basis to provide better areal coverage for defining hydrologic and water-quality conditions over a broad area in a river basin.

Most probable number (MPN) is an index of the number of coliform bacteria that, more probably than any other number, would give the results shown by the laboratory examination; it is not an actual enumeration. MPN is determined from the distribution of gas-positive cultures among multiple inoculated tubes.

Multiple-plate samplers are artificial substrates of known surface area used for obtaining benthic invertebrate samples. They consist of a series of spaced, hardboard plates on an eyebolt.

Nanograms per liter (NG/L, ng/L) is a unit expressing the concentration of chemical constituents in solution as mass (nanograms) of solute per unit volume (liter) of water. One million nanograms per liter is equivalent to 1 milligram per liter.

National Geodetic Vertical Datum of 1929 (NGVD of 1929) is a fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It was formerly called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the mean sea level at 26 tide stations**,** it does not necessarily represent local mean sea level at any particular place. *See NOAA web site: http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88* (See "North American Vertical Datum of 1988")

Natural substrate refers to any naturally occurring immersed or submersed solid surface, such as a rock or tree, upon which an organism lives. (See also "Substrate")

Nekton are the consumers in the aquatic environment and consist of large free-swimming organisms that are capable of sustained, directed mobility.

Nephelometric turbidity unit (NTU) is the measurement for reporting turbidity that is based on use of a standard suspension of formazin. Turbidity measured in NTU uses nephelometric methods that depend on passing specific light of a specific wavelength through the sample.

North American Vertical Datum of 1988 (NAVD 1988) is a fixed reference adopted as the official civilian vertical datum for elevations determined by Federal surveying and mapping activities in the United States. This datum was established in 1991 by minimum-constraint adjustment of the Canadian**,** Mexican, and United States first-order terrestrial leveling networks.

Open or **screened interval** is the length of unscreened opening or of well screen through which water enters a well, in feet below land surface.

Organic carbon (OC) is a measure of organic matter present in aqueous solution, suspension, or bottom sediment. May be reported as dissolved organic carbon (DOC), particulate organic carbon (POC), or total organic carbon (TOC).

Organic mass or **volatile mass** of a living substance is the difference between the dry mass and ash mass and represents the actual mass of the living matter. Organic mass is expressed in the same units as for ash mass and dry mass. (See also "Ash mass," "Biomass," and "Dry mass")

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m^2), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliter (mL) or liter (L). Numbers of planktonic organisms can be expressed in these terms.

Organochlorine compounds are any chemicals that contain carbon and chlorine. Organochlorine compounds that are important in investigations of water, sediment, and biological quality include certain pesticides and industrial compounds.

Parameter code is a 5-digit number used in the USGS computerized data system, National Water Information System (NWIS), to uniquely identify a specific constituent or property.

Partial-record station is a site where discrete measurements of one or more hydrologic parameters are obtained over a period of time without continuous data being recorded or computed. A common example is a crest-stage gage partial-record station at which only peak stages and flows are recorded.

Particle size is the diameter, in millimeters (mm), of a particle determined by sieve or sedimentation methods. The sedimentation method utilizes the principle of Stokes law to calculate sediment particle sizes. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube, sedigraph) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification, as used in this report, agrees with the recommendation made by the American Geophysical Union Subcommittee on Sediment Terminology. The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay	>0.00024 - 0.004	Sedimentation
Silt	>0.004 - 0.062	Sedimentation
Sand	>0.062 - 2.0	Sedimentation/sieve
Gravel	>2.0 - 64.0	Sieve
Cobble	>64 - 256	Manual measurement
Boulder	>256	Manual measurement

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. For the sedimentation method, most of the organic matter is removed, and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native water analysis.

Peak flow (peak stage) is an instantaneous local maximum value in the continuous time series of streamflows or stages, preceded by a period of increasing values and followed by a period of decreasing values. Several peak values ordinarily occur in a year. The maximum peak value in a year is called the annual peak; peaks lower than the annual peak are called secondary peaks. Occasionally, the annual peak may not be the maximum value for the year; in such cases, the maximum value occurs at midnight at the beginning or end of the year, on the recession from or rise toward a higher peak in the adjoining year. If values are recorded at a discrete series of times, the peak-recorded value may be taken as an approximation of the true peak, which may occur between the recording instants. If the values are recorded with finite precision, a sequence of equal recorded values may occur at the peak; in this case, the first value is taken as the peak.

Percent composition or **percent of total** is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, weight, mass, or volume.

Percent shading is a measure of the amount of sunlight potentially reaching the stream. A clinometer is used to measure left and right bank canopy angles. These values are added together, divided by 180, and multiplied by 100 to compute percentage of shade.

Periodic-record station is a site where stage, discharge, sediment, chemical, physical, or other hydrologic measurements are made one or more times during a year but at a frequency insufficient to develop a daily record.

Periphyton is the assemblage of microorganisms attached to and living upon submerged solid surfaces. Although primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms. Periphyton are useful indicators of water quality.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7.0 standard units are termed "acidic," and solutions with a pH greater than 7.0 are termed "basic." Solutions with a pH of 7.0 are neutral. The presence and concentration of many dissolved chemical constituents found in water are affected, in part, by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms also are affected, in part, by the hydrogen-ion activity of water.

Phytoplankton is the plant part of the plankton. They are usually microscopic, and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment and commonly are known as algae. (See also "Plankton")

Picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactive nuclide represented by a curie (Ci). A curie is the quantity of radioactive nuclide that yields 3.7×10^{10} radioactive disintegrations per second (dps). A picocurie yields 0.037 dps, or 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers. Concentrations are expressed as a number of cells per milliliter (cells/mL) of sample.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Polychlorinated naphthalenes (PCNs) are industrial chemicals that are mixtures of chlorinated naphthalene compounds. They have properties and applications similar to polychlorinated biphenyls (PCBs) and have been identified in commercial PCB preparations.

Pool, as used in this report, is a small part of a stream reach with little velocity, commonly with water deeper than surrounding areas.

Primary productivity is a measure of the rate at which new organic matter is formed and accumulated through photo-synthetic and chemosynthetic activity of producer organisms (chiefly, green plants). The rate of primary production is estimated by measuring the amount of oxygen released (oxygen method) or the amount of carbon assimilated (carbon method) by the plants.

Primary productivity (carbon method) is expressed as milligrams of carbon per area per unit time [mg C/(m^2/time)] for periphyton and macrophytes or per volume [mg C/(m^3/time)] for phytoplankton. The carbon method defines the amount of carbon dioxide consumed as measured by radioactive carbon (carbon-14). The carbon-14 method is of greater sensitivity than the oxygen light and dark bottle method and is preferred for use with unenriched water samples. Unit time may be either the hour or day, depending on the incubation period. (See also "Primary productivity")

Primary productivity (oxygen method) is expressed as milligrams of oxygen per area per unit time [mg O/(m^2/ time)] for periphyton and macrophytes or per volume [mg O/(m^3/time)] for phytoplankton. The oxygen method defines production and respiration rates as estimated from changes in the measured dissolved-oxygen concentration. The oxygen light and dark bottle method is preferred if the rate of primary production is sufficient for accurate measurements to be made within 24 hours. Unit time may be either the hour or day, depending on the incubation period. (See also "Primary productivity")

Radioisotopes are isotopic forms of elements that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus; for example, ordinary chlorine is a mixture of isotopes having atomic weights of 35 and 37, and the natural mixture has an atomic weight of about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron. There are 275 isotopes of the 81 stable elements, in addition to more than 800 radioactive isotopes.

Reach, as used in this report, is a length of stream that is chosen to represent a uniform set of physical, chemical, and biological conditions within a segment. It is the principal sampling unit for collecting physical, chemical, and biological data.

Recoverable from bed (bottom) material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. (See also "Bed material")

Recurrence interval, also referred to as return period, is the average time, usually expressed in years, between occurrences of hydrologic events of a specified type (such as exceedances of a specified high flow or nonexceedance of a specified low flow). The terms "return period" and "recurrence interval" do not imply regular cyclic occurrence. The actual times between occurrences vary randomly, with most of the times being less than the average and a few being substantially greater than the average. For example, the 100-year flood is the flow rate that is exceeded by the annual maximum peak flow at intervals whose average length is 100 years (that is, once in 100 years, on average); almost two-thirds of all exceedances of the 100-year flood occur less than 100 years after the previous exceedance, half occur less than 70 years after the previous exceedance, and about one-eighth occur more than 200 years after the previous exceedance. Similarly, the 7-day, 10-year low flow ($7Q_{10}$) is the flow rate below which the annual minimum 7-day-mean flow dips at intervals whose average length is 10 years (that is, once in 10years, on average); almost two-thirds of the nonexceedances of the $7Q_{10}$ occur less than 10 years after the previous nonexceedance, half occur less than 7 years after, and about one-eighth occur more than 20 years after the previous nonexceedance. The recurrence interval for annual events is the reciprocal of the annual probability of occurrence. Thus, the 100-year flood has a 1-percent chance of being exceeded by the maximum peak flow in any year, and there is a 10-percent chance in any year that the annual minimum 7-day-mean flow will be less than the $7Q_{10}$.

Replicate samples are a group of samples collected in a manner such that the samples are thought to be essentially identical in composition.

Return period (See "Recurrence interval")

Riffle, as used in this report, is a shallow part of the stream where water flows swiftly over completely or partially submerged obstructions to produce surface agitation.

River mileage is the curvilinear distance, in miles, measured upstream from the mouth along the meandering path of a stream channel in accordance with Bulletin No. 14 (October 1968) of the Water Resources Council and typically is used to denote location along a river.

Run, as used in this report, is a relatively shallow part of a stream with moderate velocity and little or no surface turbulence.

Runoff is the quantity of water that is discharged ("runs off") from a drainage basin during a given time period. Runoff data may be presented as volumes in acre-feet, as mean discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches. (See also "Annual runoff")

Sea level, as used in this report, refers to one of the two commonly used national vertical datums (NGVD 1929 or NAVD 1988). See separate entries for definitions of these datums.

Sediment is solid material that originates mostly from disintegrated rocks; when transported by, suspended in, or deposited from water, it is referred to as "fluvial sediment." Sediment includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are affected by environmental and land-use factors. Some major factors are topography, soil characteristics, land cover, and depth and intensity of precipitation.

Sensible heat flux (often used interchangeably with latent sensible heat-flux density) is the amount of heat energy that moves by turbulent transport through the air across a specified cross-sectional area per unit time and goes to heating (cooling) the air. Usually expressed in watts per square meter.

Seven-day, 10-year low flow ($7Q_{10}$) is the discharge below which the annual 7-day minimum flow falls in 1 year out of 10 on the long-term average. The recurrence interval of the $7Q_{10}$ is 10 years; the chance that the annual 7-day minimum flow will be less than the $7Q_{10}$ is 10 percent in any given year. (See also "Annual 7-day minimum" and "Recurrence interval")

Shelves, as used in this report, are stream bank features extending nearly horizontally from the flood plain to the lower limit of persistent woody vegetation.

Sodium adsorption ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Sodium hazard in water is an index that can be used to evaluate the suitability of water for irrigating crops.

Soil heat flux (often used interchangeably with soil heat-flux density) is the amount of heat energy that moves by conduction across a specified cross-sectional area of soil per unit time and goes to heating (or cooling) the soil. Usually expressed in watts per square meter.

Soil-water content is the water lost from the soil upon drying to constant mass at 105 °C; expressed either as mass of water per unit mass of dry soil or as the volume of water per unit bulk volume of soil.

Specific electrical conductance (conductivity) is a measure of the capacity of water (or other media) to conduct an electrical current. It is expressed in microsiemens per centimeter at 25 °C. Specific electrical conductance is a function of the types and quantity of dissolved substances in water and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is from 55 to 75 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stable isotope ratio (per MIL) is a unit expressing the ratio of the abundance of two radioactive isotopes. Isotope ratios are used in hydrologic studies to determine the age or source of specific water, to evaluate mixing of different water, as an aid in determining reaction rates, and other chemical or hydrologic processes.

Stage (See "Gage height")

Stage-discharge relation is the relation between the water-surface elevation, termed stage (gage height), and the volume of water flowing in a channel per unit time.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lives.

Substrate embeddedness class is a visual estimate of riffle streambed substrate larger than gravel that is surrounded or covered by fine sediment (<2mm, sand or finer). Below are the class categories expressed as the percentage covered by fine sediment:

0	no gravel or larger substrate
1	> 75 percent
2	51-75 percent
3	26-50 percent
4	5-25 percent
5	< 5 percent

Surface area of a lake is that area (acres) encompassed by the boundary of the lake as shown on USGS topographic maps, or other available maps or photographs. Because surface area changes with lake stage, surface areas listed in this report represent those determined for the stage at the time the maps or photographs were obtained.

Surficial bed material is the upper surface (0.1 to 0.2 foot) of the bed material that is sampled using U.S. Series Bed-Material Samplers.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of undissolved material in a water-sediment mixture. It is defined operationally as the material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative suspended water-sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results. Determinations of "suspended, recoverable" constituents are made either by directly analyzing the suspended material collected on the filter or, more commonly, by difference, on the basis of determinations of (1) dissolved and (2) total recoverable concentrations of the constituent. (See also "Suspended")

Suspended sediment is the sediment maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid. (See also "Sediment")

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 foot above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L). The analytical technique uses the mass of all of the sediment and the net weight of the water-sediment mixture in a sample to compute the suspended-sediment concentration. (See also "Sediment" and "Suspended sediment")

Suspended-sediment discharge (tons/d) is the rate of sediment transport, as measured by dry mass or volume that passes a cross section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft^3/s) x 0.0027. (See also "Sediment," "Suspended sediment," and "Suspended-sediment concentration")

Suspended-sediment load is a general term that refers to a given characteristic of the material in suspension that passes a point during a specified period of time. The term needs to be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It is not synonymous with either suspended-sediment discharge or concentration. (See also "Sediment")

Suspended, total is the total amount of a given constituent in the part of a water-sediment sample that is retained on a 0.45-micrometer membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. Knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total." Determinations of "suspended, total" constituents are made either by directly analyzing portions of the suspended material collected on the filter or, more commonly, by difference, on the basis of determinations of (1) dissolved and (2) total concentrations of the constituent. (See also "Suspended")

Suspended solids, total residue at 105 °C concentration is the concentration of inorganic and organic material retained on a filter, expressed as milligrams of dry material per liter of water (mg/L). An aliquot of the sample is used for this analysis.

Synoptic studies are short-term investigations of specific water-quality conditions during selected seasonal or hydro-logic periods to provide improved spatial resolution for critical water-quality conditions. For the period and conditions sampled, they assess the spatial distribution of selected water-quality conditions in relation to causative factors, such as land use and contaminant sources.

Taxa (Species) richness is the number of species (taxa) present in a defined area or sampling unit.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchial scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, *Hexagenia limbata,* is the following:

Kingdom:	Animal
Phylum:	Arthropoda
Class:	Insecta
Order:	Ephemeroptera
Family:	Ephemeridae
Genus:	Hexagenia
Species:	Hexagenia limbata

Thalweg is the line formed by connecting points of minimum streambed elevation (deepest part of the channel).

Thermograph is an instrument that continuously records variations of temperature on a chart. The more general term "temperature recorder" is used in the table descriptions and refers to any instrument that records temperature whether on a chart, a tape, or any other medium.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water resulting from the mixing of flow proportionally to the duration of the concentration.

Tons per acre-foot (T/acre-ft) is the dry mass (tons) of a constituent per unit volume (acre-foot) of water. It is computed by multiplying the concentration of the constituent, in milligrams per liter, by 0.00136.

Tons per day (T/DAY, tons/d) is a common chemical or sediment discharge unit. It is the quantity of a substance in solution, in suspension, or as bedload that passes a stream section during a 24-hour period. It is equivalent to 2,000 pounds per day, or 0.9072 metric tons per day.

Total is the amount of a given constituent in a representative whole-water (unfiltered) sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determined at least 95 percent of the constituent in the sample.)

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. This group includes coliforms that inhabit the intestine of warm-blooded animals and those that inhabit soils. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35 °C. In the laboratory, these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35 °C plus or minus 1.0 °C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 milliliters of sample. (See also "Bacteria")

Total discharge is the quantity of a given constituent, measured as dry mass or volume, that passes a stream cross section per unit of time. When referring to constituents other than water, this term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

Total in bottom material is the amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material."

Total length (fish) is the straight-line distance from the anterior point of a fish specimen's snout, with the mouth closed, to the posterior end of the caudal (tail) fin, with the lobes of the caudal fin squeezed together.

Total load refers to all of a constituent in transport. When referring to sediment, it includes suspended load plus bed load.

Total organism count is the number of organisms collected and enumerated in any particular sample. (See also "Organism count/volume")

Total recoverable is the amount of a given constituent in a whole-water sample after a sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data for whole-water samples, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures may produce different analytical results.

Total sediment discharge is the mass of suspended-sediment plus bed-load transport, measured as dry weight, that passes a cross section in a given time. It is a rate and is reported as tons per day. (See also "Bedload," "Bedload discharge," "Sediment," "Suspended sediment," and "Suspended-sediment concentration")

Total sediment load or **total load** is the sediment in transport as bedload and suspended-sediment load. The term may be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It differs from total sediment discharge in that load refers to the material, whereas discharge refers to the quantity of material, expressed in units of mass per unit time. (See also "Sediment," "Suspended-sediment load," and "Total load")

Transect, as used in this report, is a line across a stream perpendicular to the flow and along which measurements are taken, so that morphological and flow characteristics along the line are described from bank to bank. Unlike a cross section, no attempt is made to determine known elevation points along the line.

Turbidity is the reduction in the transparency of a solution due to the presence of suspended and some dissolved substances. The measurement technique records the collective optical properties of the solution that cause light to be scattered and attenuated rather than transmitted in straight lines; the higher the intensity of scattered or attenuated light, the higher the value of the turbidity. Turbidity is expressed in nephelometric turbidity units (NTU). Depending on the method used, the turbidity units as NTU can be defined as the intensity of light of a specified wavelength scattered or attenuated by suspended particles or absorbed at a method specified angle, usually 90 degrees, from the path of the incident light. Currently approved methods for the measurement of turbidity in the USGS include those that conform to U.S. EPA Method 180.1, ASTM D1889-00, and ISO 7027. Measurements of turbidity by these different methods and different instruments are unlikely to yield equivalent values.

Ultraviolet (UV) absorbance (absorption) at 254 or 280 nanometers is a measure of the aggregate concentration of the mixture of UV absorbing organic materials dissolved in the analyzed water, such as lignin, tannin, humic substances, and various aromatic compounds. UV absorbance (absorption) at 254 or 280 nanometers is measured in UV absorption units per centimeter of path length of UV light through a sample.

Unconfined aquifer is an aquifer whose upper surface is a water table free to fluctuate under atmospheric pressure. (See "Water-table aquifer")

Vertical datum (See "Datum")

Volatile organic compounds (VOCs) are organic compounds that can be isolated from the water phase of a sample by purging the water sample with inert gas, such as helium, and subsequently analyzed by gas chromatography. Many VOCs are human-made chemicals that are used and produced in the manufacture of paints, adhesives, petroleum products, pharmaceuticals, and refrigerants. They are often components of fuels, solvents, hydraulic fluids, paint thinners, and dry cleaning agents commonly used in urban settings. VOC contamination of drinking-water supplies is a human health concern because many are toxic and are known or suspected human carcinogens.

Water table is that surface in a ground-water body at which the water pressure is equal to the atmospheric pressure.

Water-table aquifer is an unconfined aquifer within which the water table is found.

Water year in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 2002, is called the "2002 water year."

WDR is used as an abbreviation for "Water-Data Report" in the REVISED RECORDS paragraph to refer to State annual hydrologic-data reports. (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976.)

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

Wet mass is the mass of living matter plus contained water. (See also "Biomass" and "Dry mass")

Wet weight refers to the weight of animal tissue or other substance including its contained water. (See also "Dry weight")

WSP is used as an acronym for "Water-Supply Paper" in reference to previously published reports.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column and often are large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers. (See also "Plankton")

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS OF THE U.S. GEOLOGICAL SURVEY

The USGS publishes a series of manuals titled the "Techniques of Water-Resources Investigations" that describe procedures for planning and conducting specialized work in water-resources investigations. The material in these manuals is grouped under major subject headings called books and is further divided into sections and chapters. For example, section A of book 3 (Applications of Hydraulics) pertains to surface water. Each chapter then is limited to a narrow field of the section subject matter. This publication format permits flexibility when revision or printing is required.

Manuals in the Techniques of Water-Resources Investigations series, which are listed below, are available online at http://water.usgs.gov/pubs/twri/. Printed copies are available for sale from the USGS, Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (an authorized agent of the Superintendent of Documents, Government Printing Office). Please telephone "1-888-ASK-USGS" for current prices, and refer to the title, book number, section number, chapter number, and mention the "U.S. Geological Survey Techniques of Water-Resources Investigations." Other products can be viewed online at http://www.usgs.gov/sales.html, or ordered by telephone or by FAX to (303)236-4693. Order forms for FAX requests are available online at http://mac.usgs.gov/isb/pubs/forms/. Prepayment by major credit card or by a check or money order payable to the "U.S. Geological Survey" is required.

Book 1. Collection of Water Data by Direct Measurement

Section D. Water Quality

1–D1. *Water temperature—Influential factors, field measurement, and data presentation*, by H.H. Stevens, Jr., J.F. Ficke, and G.F. Smoot: USGS–TWRI book 1, chap. D1. 1975. 65 p.

1–D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W.W. Wood: USGS–TWRI book 1, chap. D2. 1976. 24 p.

Book 2. Collection of Environmental Data

Section D. Surface Geophysical Methods

2–D1. *Application of surface geophysics to ground-water investigations,* by A.A.R. Zohdy, G.P. Eaton, and D.R. Mabey: USGS–TWRI book 2, chap. D1. 1974. 116 p.

2–D2. *Application of seismic-refraction techniques to hydrologic studies,* by F.P. Haeni: USGS–TWRI book 2, chap. D2. 1988. 86 p.

Section E. Subsurface Geophysical Methods

2–E1. *Application of borehole geophysics to water-resources investigations,* by W.S. Keys and L.M. MacCary: USGS–TWRI book 2, chap. E1. 1971. 126 p.

2–E2. *Borehole geophysics applied to ground-water investigations,* by W.S. Keys: USGS–TWRI book 2, chap. E2. 1990. 150 p.

Section F. Drilling and Sampling Methods

2–F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and W.E. Teasdale: USGS–TWRI book 2, chap. F1. 1989. 97 p.

Book 3. Applications of Hydraulics

Section A. Surface-Water Techniques

3–A1. General field and office procedures for indirect discharge measurements, by M.A. Benson and Tate Dalrymple: USGS–TWRI book 3, chap. A1. 1967. 30 p.

3–A2. *Measurement of peak discharge by the slope-area method,* by Tate Dalrymple and M.A. Benson: USGS– TWRI book 3, chap. A2. 1967. 12 p.

3–A3. *Measurement of peak discharge at culverts by indirect methods,* by G.L. Bodhaine: USGS–TWRI book 3, chap. A3. 1968. 60 p.

3–A4. *Measurement of peak discharge at width contractions by indirect methods,* by H.F. Matthai: USGS-TWRI book 3, chap. A4. 1967. 44 p.

3–A5. *Measurement of peak discharge at dams by indirect methods,* by Harry Hulsing: USGS–TWRI book 3, chap. A5. 1967. 29 p.

3–A6. *General procedure for gaging streams,* by R.W. Carter and Jacob Davidian: USGS–TWRI book 3, chap. A6. 1968. 13 p.

3–A7. *Stage measurement at gaging stations,* by T.J. Buchanan and W.P. Somers: USGS–TWRI book 3, chap. A7. 1968. 28 p.

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3–A11. *Measurement of discharge by the moving-boat method,* by G.F. Smoot and C.E. Novak: USGS–TWRI book 3, chap. A11. 1969. 22 p.

3–A12. *Fluorometric procedures for dye tracing*, Revised, by J.F. Wilson, Jr., E.D. Cobb, and F.A. Kilpatrick: USGS–TWRI book 3, chap. A12. 1986. 34 p.

3–A13. *Computation of continuous records of streamflow*, by E.J. Kennedy: USGS–TWRI book 3, chap. A13. 1983. 53 p.

3–A14. *Use of flumes in measuring discharge,* by F.A. Kilpatrick and V.R. Schneider: USGS–TWRI book 3, chap. A14. 1983. 46 p.

3–A15. *Computation of water-surface profiles in open channels,* by Jacob Davidian: USGS–TWRI book 3, chap. A15. 1984. 48 p.

3–A16. *Measurement of discharge using tracers*, by F.A. Kilpatrick and E.D. Cobb: USGS–TWRI book 3, chap. A16. 1985. 52 p.

3–A17. *Acoustic velocity meter systems,* by Antonius Laenen: USGS–TWRI book 3, chap. A17. 1985. 38 p.

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Section B. Ground-Water Techniques

3–B1. *Aquifer-test design, observation, and data analysis,* by R.W. Stallman: USGS–TWRI book 3, chap. B1. 1971. 26 p.

3–B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G.D. Bennett: USGS– TWRI book 3, chap. B2. 1976. 172 p.

3–B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J.E. Reed: USGS–TWRI book 3, chap. B3. 1980. 106 p.

3–B4. *Regression modeling of ground-water flow,* by R.L. Cooley and R.L. Naff: USGS–TWRI book 3, chap. B4. 1990. 232 p.

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3–B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems*—An introduction, by O.L. Franke, T.E. Reilly, and G.D. Bennett: USGS–TWRI book 3, chap. B5. 1987. 15 p.

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3–B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow,* by E.J. Wexler: USGS–TWRI book 3, chap. B7. 1992. 190 p.

3–B8. *System and boundary conceptualization in ground-water flow simulation,* by T.E. Reilly: USGS–TWRI book 3, chap. B8. 2001. 29 p.

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3–C1. *Fluvial sediment concepts,* by H.P. Guy: USGS–TWRI book 3, chap. C1. 1970. 55 p.

3–C2. *Field methods for measurement of fluvial sediment*, by T.K. Edwards and G.D. Glysson: USGS–TWRI book 3, chap. C2. 1999. 89 p.

3–C3. *Computation of fluvial-sediment discharge,* by George Porterfield: USGS–TWRI book 3, chap. C3. 1972. 66 p.

Book 4. Hydrologic Analysis and Interpretation

Section A. Statistical Analysis

4–A1. *Some statistical tools in hydrology*, by H.C. Riggs: USGS–TWRI book 4, chap. A1. 1968. 39 p.

4–A2. *Frequency curves,* by H.C. Riggs: USGS–TWRI book 4, chap. A2. 1968. 15 p.

4–A3. *Statistical methods in water resources*, by D.R. Helsel and R.M. Hirsch: USGS–TWRI book 4, chap. A3. 1991. Available only online at http://water.usgs.gov/pubs/twri/twri4a3/. (Accessed August 30, 2002.)

Section B. Surface Water

4–B1. *Low-flow investigations,* by H.C. Riggs: USGS–TWRI book 4, chap. B1. 1972. 18 p.

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4–B3. *Regional analyses of streamflow characteristics,* by H.C. Riggs: USGS–TWRI book 4, chap. B3. 1973.
15 p.

Section D. Interrelated Phases of the Hydrologic Cycle

4–D1. *Computation of rate and volume of stream depletion by wells*, by C.T. Jenkins: USGS–TWRI book 4, chap. D1. 1970. 17 p.

Book 5. Laboratory Analysis

Section A. Water Analysis

5–A1. *Methods for determination of inorganic substances in water and fluvial sediments,* by M.J. Fishman and L.C. Friedman, editors: USGS–TWRI book 5, chap. A1. 1989. 545 p.

5–A2. *Determination of minor elements in water by emission spectroscopy,* by P.R. Barnett and E.C. Mallory, Jr.: USGS–TWRI book 5, chap. A2. 1971. 31 p.

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5–A4. *Methods for collection and analysis of aquatic biological and microbiological samples,* by L.J. Britton and P.E. Greeson, editors: USGS–TWRI book 5, chap. A4. 1989. 363 p.

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5–C1. *Laboratory theory and methods for sediment analysis*, by H.P. Guy: USGS–TWRI book 5, chap. C1. 1969. 58 p.

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Section A. Ground Water

6–A1. *A modular three-dimensional finite-difference ground-water flow model*, by M.G. McDonald and A.W. Harbaugh: USGS–TWRI book 6, chap. A1. 1988. 586 p.

6–A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model,* by S.A. Leake and D.E. Prudic: USGS–TWRI book 6, chap. A2. 1991. 68 p.

6–A3. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 1: Model Description and User's Manual,* by L.J. Torak: USGS–TWRI book 6, chap. A3. 1993. 136 p.

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Book 7. Automated Data Processing and Computations

Section C. Computer Programs

7–C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments,* by P.C. Trescott, G.F. Pinder, and S.P. Larson: USGS–TWRI book 7, chap. C1. 1976. 116 p.

7–C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L.F. Konikow and J.D. Bredehoeft: USGS–TWRI book 7, chap. C2. 1978. 90 p.

7–C3. *A model for simulation of flow in singular and interconnected channels,* by R.W. Schaffranek, R.A. Baltzer, and D.E. Goldberg: USGS–TWRI book 7, chap. C3. 1981. 110 p.

Book 8. Instrumentation

Section A. Instruments for Measurement of Water Level

8–A1. *Methods of measuring water levels in deep wells,* by M.S. Garber and F.C. Koopman: USGS–TWRI book 8, chap. A1. 1968. 23 p.

8–A2. *Installation and service manual for U.S. Geological Survey manometers*, by J.D. Craig: USGS–TWRI book 8, chap. A2. 1983. 57 p.

Section B. Instruments for Measurement of Discharge

8–B2. *Calibration and maintenance of vertical-axis type current meters,* by G.F. Smoot and C.E. Novak: USGS– TWRI book 8, chap. B2. 1968. 15 p.

Book 9. Handbooks for Water-Resources Investigations

Section A. National Field Manual for the Collection of Water-Quality Data

9–A1. *National field manual for the collection of water-quality data: Preparations for water sampling*, by F.D. Wilde, D.B. Radtke, Jacob Gibs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A1. 1998. 47 p.

9–A2. *National field manual for the collection of water-quality data: Selection of equipment for water sampling*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A2. 1998. 94 p.

9–A3. *National field manual for the collection of water-quality data: Cleaning of equipment for water sampling*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A3. 1998. 75 p.

9–A4. *National field manual for the collection of water-quality data: Collection of water samples*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A4. 1999. 156 p.

9–A5. *National field manual for the collection of water-quality data: Processing of water samples*, edited by F.D. Wilde, D.B. Radtke, Jacob Gibs, and R.T. Iwatsubo: USGS–TWRI book 9, chap. A5. 1999, 149 p.

9–A6. *National field manual for the collection of water-quality data: Field measurements*, edited by F.D. Wilde and D.B. Radtke: USGS–TWRI book 9, chap. A6. 1998. Variously paginated.

9–A7. *National field manual for the collection of water-quality data: Biological indicators*, edited by D.N. Myers and F.D. Wilde: USGS–TWRI book 9, chap. A7. 1997 and 1999. Variously paginated.

9–A8. *National field manual for the collection of water-quality data: Bottom-material samples*, by D.B. Radtke: USGS–TWRI book 9, chap. A8. 1998. 48 p.

9–A9. *National field manual for the collection of water-quality data: Safety in field activities*, by S.L. Lane and R.G. Fay: USGS–TWRI book 9, chap. A9. 1998. 60 p.

Station Records by Major River Basin
(water year)

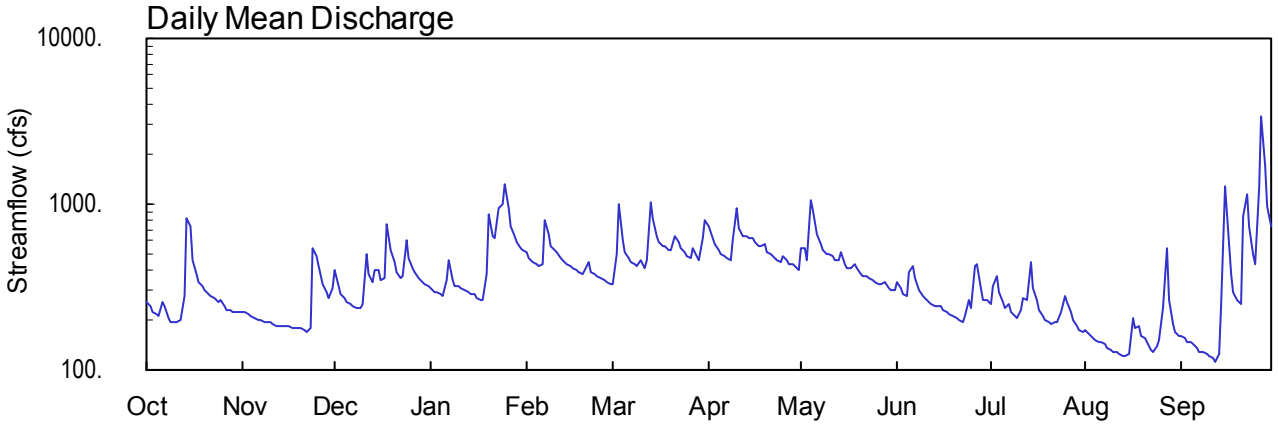
SAVANNAH RIVER BASIN

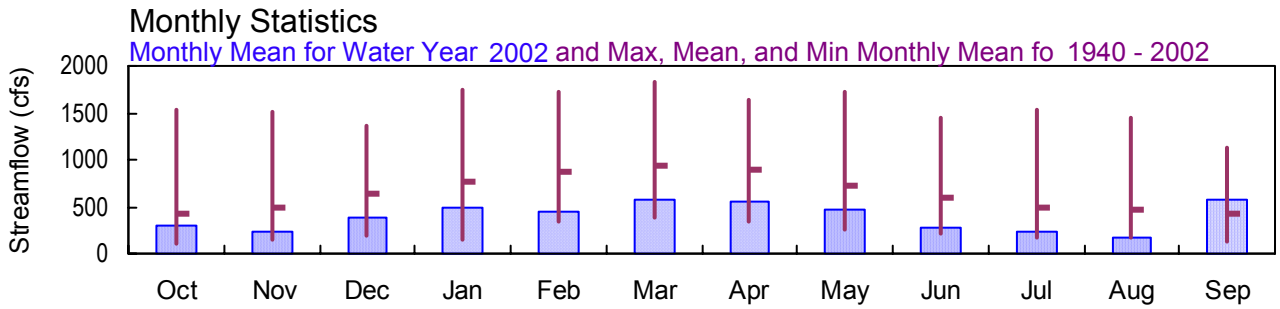
2002 Water Year

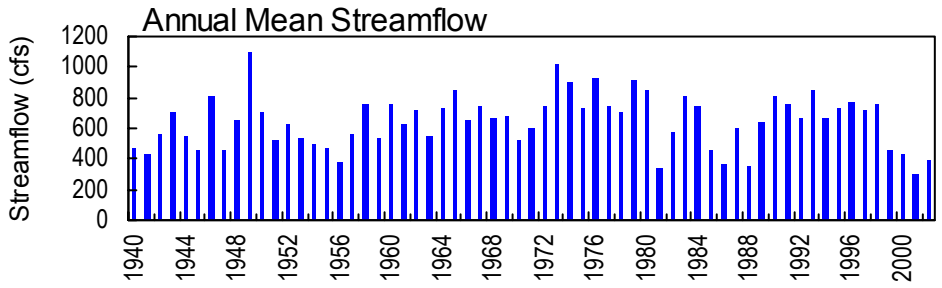
02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

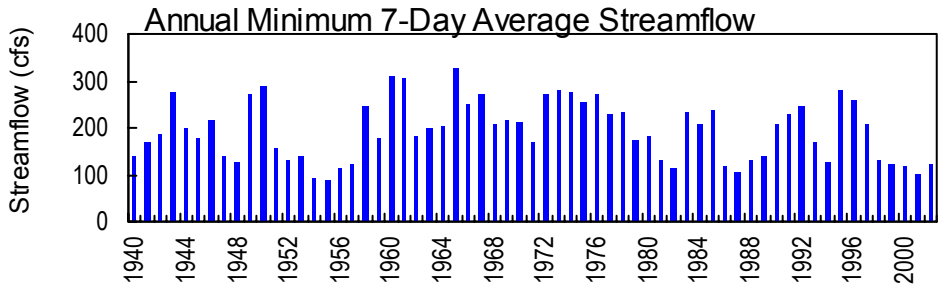
Latitude: 34°48'50" Longitude: 83°18'22" Hydrologic Unit Code: 03060102 Columbia County

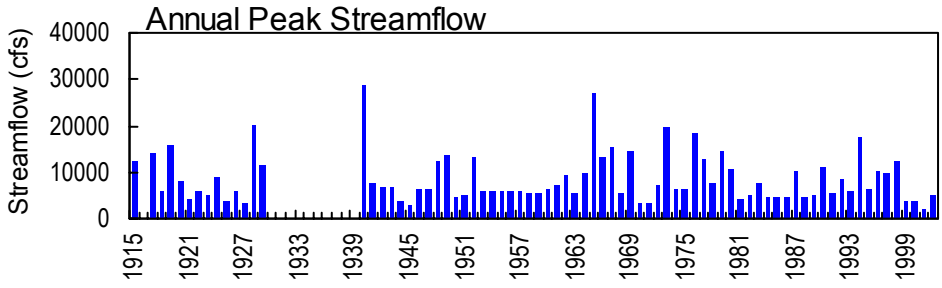
Drainage Area: 207. mi^2 Datum: 1,165.60 feet











02177000 - Chattooga River near Clayton, GA

SAVANNAH RIVER BASIN
2002 Water Year

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.—Lat 34°48'50", long 83°18'22" referenced to North American Datum (NAD) of 1927, Oconee County, SC-Rabun County, GA, Hydrologic Unit 03060102, on left bank 150 feet downstream from bridge on US 76, 2.8 miles upstream from Stekoa Creek, 7.0 miles southeast of Clayton, 9.0 miles downstream from Warwoman Creek, and 9.0 miles upstream from confluence with Tallulah River.

DRAINAGE AREA.—207 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1907 to June 1908, October 1939 to current year. Monthly discharge only for May 1907 to June 1908, published in WSP 1303.

REVISED RECORDS.—WSP 1383: 1940-41, drainage area.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 1,165.60 feet above National Geodetic Vertical Datum (NGVD) of 1929. May 1907 to June 1908, a non-recording gage was located at site 400.00 feet upstream at different datum.

REMARKS.—Records good. Periods of monthly discharge only are not included in statistics computations.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,400 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Sep. 27	1530	4,980*	4.88*

No other peaks above base discharge

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1907 to June 1908, October 1939 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 1,165.60 feet above National Geodetic Vertical Datum (NGVD) of 1929. May 1907 to June 1908, a non-recording gage was located at site 400.00 feet upstream at different datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 4.88 feet, September 27; minimum gage-height recorded, 0.79 feet, September 12, 13.

STATION NUMBER 02177000 CHATTOOGA RIVER NEAR CLAYTON, GA SOURCE AGENCY USGS STATE 45 COUNTY 073
LATITUDE 344850 LONGITUDE 0831822 NAD27 DRAINAGE AREA 207.* CONTRIBUTING DRAINAGE AREA 207 DATUM 1165.6 NGVD29
Date Processed: 2003-03-10 13:46 By acday
APPROVED
DD #1, (ALL DVS)
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	255	221	405	309	507	328	728	537	339	252	175	161
2	240	221	318	298	479	503	623	536	310	323	167	155
3	226	218	286	297	452	993	572	461	285	365	159	149
4	216	213	269	290	441	602	532	1060	278	291	152	146
5	209	206	258	279	419	509	505	919	385	260	147	143
6	257	201	250	353	440	474	483	665	419	235	148	137
7	243	199	243	464	791	450	467	582	362	252	142	130
8	206	197	238	351	658	431	462	532	303	221	134	127
9	197	195	235	325	561	424	613	501	282	211	131	124
10	193	193	252	317	526	460	945	493	268	204	129	121
11	193	189	495	314	508	412	717	480	257	227	128	117
12	202	186	377	303	470	466	639	462	248	269	125	112
13	276	184	342	293	455	1040	648	463	242	263	122	126
14	832	182	397	289	437	822	631	509	240	445	120	244
15	742	183	396	285	423	650	619	437	243	316	125	1290
16	462	182	349	273	416	587	590	416	230	262	206	848
17	379	180	361	266	401	560	558	406	223	231	180	380
18	341	178	755	266	386	563	556	440	219	213	185	293
19	318	178	528	384	379	529	570	410	213	202	161	265
20	302	178	443	882	398	522	521	382	206	196	158	248
21	287	174	392	640	443	646	498	369	201	188	149	836
22	277	171	362	619	393	598	480	366	193	196	133	1150
23	268	180	368	949	377	536	454	355	209	197	129	745
24	258	538	609	1000	367	512	444	348	261	222	138	502
25	266	481	468	1320	356	489	483	336	234	277	151	434
26	242	428	417	941	353	478	456	328	420	260	239	1260
27	232	332	385	746	342	544	438	328	433	226	540	3400
28	229	299	363	649	332	484	436	339	312	198	262	1750
29	226	271	348	589	---	465	426	316	267	186	189	982
30	226	315	331	546	---	619	396	306	265	174	168	727
31	223	---	318	524	---	806	---	304	---	168	161	---
TOTAL	9023	7073	11558	15361	12510	17502	16490	14386	8347	7530	5253	17102
MEAN	291	236	373	496	447	565	550	464	278	243	169	570
MAX	832	538	755	1320	791	1040	945	1060	433	445	540	3400
MIN	193	171	235	266	332	328	396	304	193	168	120	112
CFSM	1.41	1.14	1.80	2.39	2.16	2.73	2.66	2.24	1.34	1.17	0.82	2.75
IN.	1.62	1.27	2.08	2.76	2.25	3.15	2.96	2.59	1.50	1.35	0.94	3.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2002, BY WATER YEAR (WY)

MEAN	433	498	641	770	864	940	888	714	588	498	476	427
MAX	1524	1509	1358	1747	1728	1829	1633	1725	1439	1542	1453	1118
(WY)	1965	1980	1962	1946	1990	1979	1964	1976	1976	1949	1940	1949
MIN	98.6	155	183	155	347	387	349	261	210	180	169	118
(WY)	1955	1955	1956	1956	1941	1988	1986	2001	1988	1986	2002	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	117803		142128			
ANNUAL MEAN	323		389		644	
HIGHEST ANNUAL MEAN					1098	1949
LOWEST ANNUAL MEAN					298	2001
HIGHEST DAILY MEAN	1270	Sep 24	3400	Sep 27	14800	Aug 30 1940
LOWEST DAILY MEAN	147	Jun 21	112	Sep 12	88	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	156	Jun 16	122	Sep 7	90	Oct 7 1954
MAXIMUM PEAK FLOW			4980	Sep 27	29000	Aug 30 1940
MAXIMUM PEAK STAGE			4.88	Sep 27	13.80	Aug 30 1940
INSTANTANEOUS LOW FLOW			109	Sep 12	88	Oct 8 1954
ANNUAL RUNOFF (CFSM)	1.56		1.88		3.11	
ANNUAL RUNOFF (INCHES)	21.17		25.54		42.25	
10 PERCENT EXCEEDS	514		639		1150	
50 PERCENT EXCEEDS	269		328		519	
90 PERCENT EXCEEDS	179		168		221	

STATION NUMBER 02177000 CHATTOOGA RIVER NEAR CLAYTON, GA SOURCE AGENCY USGS STATE 45 COUNTY 073
LATITUDE 344850 LONGITUDE 0831822 NAD27 DRAINAGE AREA 207. CONTRIBUTING DRAINAGE AREA 207* DATUM 1165.6 NGVD29
Date Processed: 2003-03-10 13:44 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.27	1.16	1.48	1.33	1.62	1.36	1.88	1.65	1.38	1.17	0.99	0.95
2	1.24	1.16	1.34	1.31	1.58	1.59	1.77	1.66	1.33	1.30	0.97	0.94
3	1.21	1.15	1.29	1.31	1.55	2.14	1.70	1.56	1.28	1.37	0.95	0.92
4	1.19	1.14	1.26	1.29	1.53	1.74	1.66	2.17	1.27	1.25	0.93	0.91
5	1.17	1.13	1.23	1.27	1.50	1.62	1.62	2.08	1.45	1.19	0.92	0.90
6	1.27	1.12	1.22	1.39	1.53	1.58	1.59	1.81	1.50	1.14	0.92	0.88
7	1.24	1.11	1.21	1.56	1.95	1.54	1.57	1.72	1.41	1.17	0.90	0.86
8	1.17	1.10	1.20	1.40	1.81	1.52	1.56	1.66	1.32	1.11	0.88	0.85
9	1.14	1.10	1.19	1.35	1.69	1.51	1.73	1.61	1.28	1.09	0.87	0.84
10	1.13	1.10	1.22	1.34	1.65	1.56	2.10	1.60	1.25	1.07	0.86	0.83
11	1.14	1.09	1.60	1.34	1.62	1.49	1.87	1.59	1.23	1.12	0.86	0.82
12	1.16	1.08	1.44	1.32	1.57	1.56	1.79	1.56	1.22	1.21	0.85	0.80
13	1.31	1.08	1.38	1.30	1.55	2.18	1.80	1.56	1.20	1.19	0.84	0.85
14	1.91	1.07	1.47	1.29	1.52	1.98	1.78	1.62	1.20	1.49	0.83	1.13
15	1.89	1.07	1.46	1.29	1.50	1.80	1.76	1.52	1.21	1.29	0.84	2.39
16	1.56	1.07	1.39	1.26	1.49	1.72	1.73	1.50	1.18	1.19	1.07	1.95
17	1.44	1.06	1.41	1.25	1.47	1.69	1.69	1.48	1.16	1.13	1.00	1.39
18	1.38	1.06	1.91	1.25	1.45	1.69	1.69	1.53	1.15	1.09	1.02	1.25
19	1.34	1.06	1.65	1.42	1.44	1.65	1.70	1.49	1.14	1.07	0.95	1.20
20	1.32	1.06	1.53	2.04	1.47	1.64	1.64	1.44	1.13	1.05	0.95	1.17
21	1.29	1.05	1.46	1.78	1.53	1.79	1.61	1.42	1.11	1.02	0.92	1.89
22	1.27	1.04	1.41	1.76	1.46	1.74	1.58	1.42	1.09	1.05	0.87	2.26
23	1.25	1.06	1.42	2.08	1.44	1.66	1.55	1.40	1.13	1.05	0.86	1.87
24	1.24	1.64	1.75	2.16	1.42	1.63	1.53	1.39	1.24	1.10	0.89	1.57
25	1.25	1.59	1.57	2.44	1.40	1.60	1.59	1.37	1.16	1.22	0.93	1.48
26	1.20	1.51	1.50	2.10	1.40	1.58	1.55	1.36	1.45	1.19	1.14	2.34
27	1.18	1.37	1.45	1.90	1.38	1.67	1.53	1.36	1.47	1.12	1.62	3.93
28	1.18	1.31	1.41	1.80	1.37	1.59	1.52	1.38	1.28	1.05	1.19	2.79
29	1.17	1.26	1.39	1.73	---	1.56	1.51	1.34	1.20	1.02	1.03	2.14
30	1.17	1.33	1.36	1.67	---	1.75	1.47	1.32	1.20	0.99	0.97	1.88
31	1.16	---	1.34	1.64	---	1.97	---	1.32	---	0.97	0.96	---
MEAN	1.29	1.17	1.42	1.56	1.53	1.68	1.67	1.54	1.25	1.14	0.96	1.47
MAX	1.91	1.64	1.91	2.44	1.95	2.18	2.10	2.17	1.50	1.49	1.62	3.93
MIN	1.13	1.04	1.19	1.25	1.37	1.36	1.47	1.32	1.09	0.97	0.83	0.80

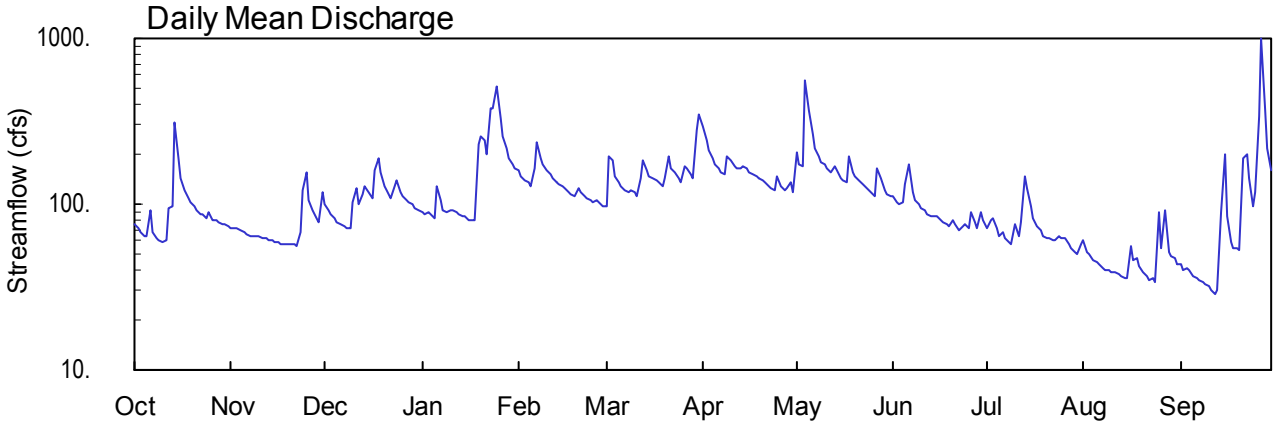
SAVANNAH RIVER BASIN

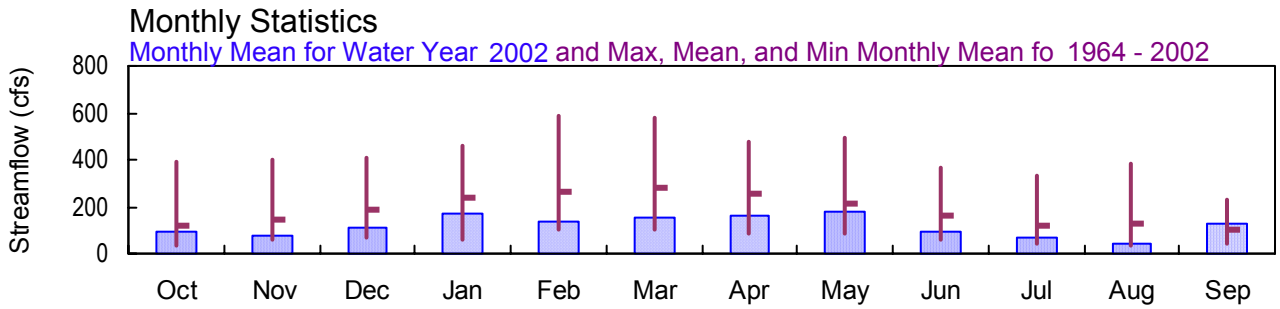
2002 Water Year

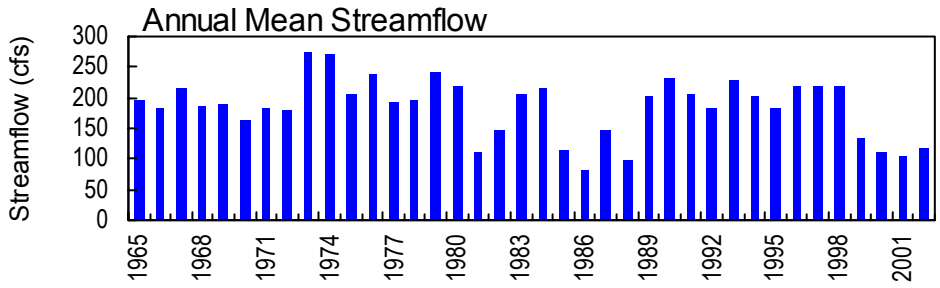
02178400 TALLULAH RIVER NEAR CLAYTON, GA

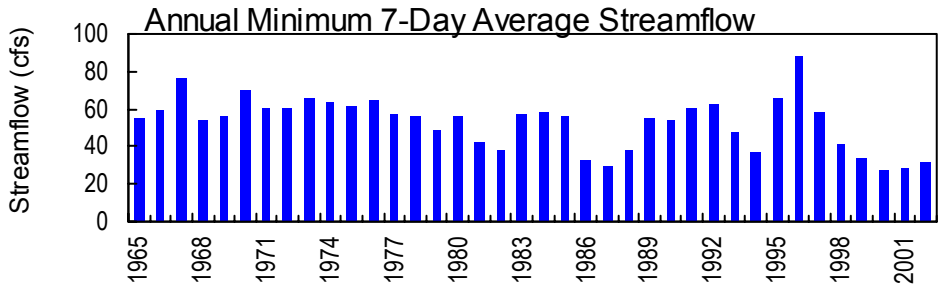
Latitude: 34°53'25" Longitude: 83°31'50" Hydrologic Unit Code: 03060102 Rabun County

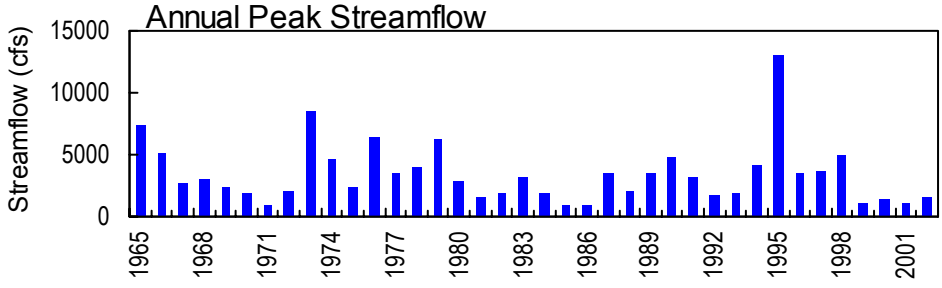
Drainage Area: 56.5 mi^2 Datum: 868.93 feet











SAVANNAH RIVER BASIN
2002 Water Year

02178400 TALLULAH RIVER NEAR CLAYTON, GA

LOCATION.—Lat 34°53'25", long 83°31'50" referenced to North American Datum (NAD) of 1927, Rabun County, Hydrologic Unit 03060102, on right bank 100.00 feet downstream from Plum Orchard Road bridge, 120.00 feet downstream from Persimmon Creek, 8.0 miles upstream from Burton Dam, and 10.3 miles west of Clayton.

DRAINAGE AREA.—56.5 mi^2.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 1964 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 1,868.93 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation).

REMARKS.—Records good. Low streamflows affected by releases from private reservoirs upstream.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,200 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Sep. 27	1045	1,540*	5.29*

No other peaks greater than base discharge

WATER-STAGE RECORDS

PERIOD OF RECORD.--July 1964 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 1,868.93 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation).

REMARKS.--Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.29 feet, September 27; minimum gage-height recorded, 1.60 feet, September 12, 13.

02178400 TALLULAH RIVER NEAR CLAYTON, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 15, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02178400 TALLULAH RIVER NEAR CLAYTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 241
LATITUDE 345325 LONGITUDE 0833150 NAD27 DRAINAGE AREA 56.50* CONTRIBUTING DRAINAGE AREA 56.50 DATUM 1868.93 NGVD29
Date Processed: 2003-03-10 13:49 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76	72	101	89	160	96	291	206	112	72	61	43
2	72	72	92	87	147	193	241	173	104	79	52	40
3	68	71	86	89	140	186	210	170	100	82	50	41
4	65	69	82	86	135	149	188	555	103	72	46	40
5	64	68	78	83	128	134	176	365	131	65	45	37
6	91	66	76	127	165	128	165	261	172	67	44	36
7	68	65	74	105	235	122	157	220	118	63	41	35
8	63	65	72	93	190	117	151	194	107	59	40	34
9	61	64	71	90	172	123	195	179	100	57	40	33
10	59	64	104	92	162	118	186	174	95	75	39	32
11	61	62	125	93	151	112	169	164	91	65	39	30
12	94	62	99	90	144	142	163	158	88	78	38	29
13	98	61	116	88	136	185	164	169	85	147	37	30
14	316	61	127	85	131	162	170	159	85	125	36	90
15	191	59	119	84	127	147	166	145	84	98	36	202
16	142	59	110	81	124	143	157	139	80	82	56	85
17	120	58	e160	80	118	138	151	135	78	74	46	59
18	109	58	e190	80	115	136	148	196	76	69	47	55
19	102	58	e155	228	112	130	143	158	73	65	42	54
20	97	58	e130	258	124	144	138	147	80	63	39	53
21	92	57	e120	243	119	193	134	139	75	62	37	189
22	88	56	109	202	112	167	130	133	69	60	35	202
23	86	67	130	376	109	154	124	128	74	61	36	143
24	83	123	139	378	106	145	121	122	75	64	34	98
25	89	156	118	516	103	137	149	117	71	63	89	117
26	80	106	111	333	105	170	127	112	90	62	54	342
27	79	91	107	256	100	167	123	167	77	57	92	1000
28	77	83	103	215	97	152	124	143	71	54	52	384
29	76	78	99	190	---	144	134	121	89	52	49	216
30	75	118	95	174	---	281	119	115	79	50	47	160
31	73	---	92	163	---	345	---	112	---	57	44	---
TOTAL	2915	2207	3390	5154	3767	4860	4814	5476	2732	2199	1443	3909
MEAN	94.0	73.6	109	166	135	157	160	177	91.1	70.9	46.5	130
MAX	316	156	190	516	235	345	291	555	172	147	92	1000
MIN	59	56	71	80	97	96	119	112	69	50	34	29
CFSM	1.66	1.30	1.94	2.94	2.38	2.77	2.84	3.13	1.61	1.26	0.82	2.31
IN.	1.92	1.45	2.23	3.39	2.48	3.20	3.17	3.61	1.80	1.45	0.95	2.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2002, BY WATER YEAR (WY)

MEAN	119	146	188	235	265	284	256	209	162	122	127	106
MAX	394	398	405	456	588	579	473	495	364	328	380	230
(WY)	1965	1993	1993	1974	1990	1979	1979	1976	1989	1989	1967	1979
MIN	30.6	58.9	64.9	62.8	106	100	87.8	83.5	56.5	45.5	38.1	43.1
(WY)	2001	1982	1966	1981	1986	1988	1986	2001	1988	1986	1986	1986

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1964 - 2002	
ANNUAL TOTAL	40308		42866			
ANNUAL MEAN	110		117		184	
HIGHEST ANNUAL MEAN					275	1973
LOWEST ANNUAL MEAN					82.9	1986
HIGHEST DAILY MEAN	650	Jan 19	1000	Sep 27	3910	Mar 4 1979
LOWEST DAILY MEAN	49	Sep 18	29	Sep 12	26	Sep 16 2000
ANNUAL SEVEN-DAY MINIMUM	55	Sep 12	32	Sep 7	27	Sep 13 2000
MAXIMUM PEAK FLOW			1540	Sep 27	8500	May 28 1973
MAXIMUM PEAK STAGE			5.29	Sep 27	12.00	May 28 1973
INSTANTANEOUS LOW FLOW			28	Sep 12	26	Sep 16 2000
ANNUAL RUNOFF (CFSM)	1.95		2.08		3.26	
ANNUAL RUNOFF (INCHES)	26.54		28.22		44.34	
10 PERCENT EXCEEDS	181		190		331	
50 PERCENT EXCEEDS	91		100		144	
90 PERCENT EXCEEDS	61		50		63	

e Estimated

STATION NUMBER 02178400 TALLULAH RIVER NEAR CLAYTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 241
LATITUDE 345325 LONGITUDE 0833150 NAD27 DRAINAGE AREA 56.50 CONTRIBUTING DRAINAGE AREA 56.50* DATUM 1868.93 NGVD29
Date Processed: 2003-03-10 13:47 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.03	1.98	2.15	2.08	2.47	2.16	2.95	2.65	2.25	2.02	1.89	1.74
2	2.01	1.98	2.10	2.07	2.41	2.56	2.79	2.53	2.21	2.06	1.81	1.72
3	1.98	1.97	2.07	2.08	2.38	2.58	2.68	2.51	2.18	2.08	1.80	1.73
4	1.96	1.96	2.04	2.06	2.36	2.42	2.60	3.54	2.20	2.02	1.77	1.72
5	1.96	1.95	2.01	2.04	2.32	2.36	2.54	3.16	2.33	1.97	1.76	1.69
6	2.12	1.94	2.00	2.28	2.47	2.33	2.49	2.86	2.51	1.98	1.75	1.68
7	1.98	1.93	1.99	2.17	2.77	2.30	2.46	2.71	2.28	1.95	1.73	1.67
8	1.95	1.93	1.98	2.11	2.60	2.28	2.43	2.62	2.22	1.93	1.72	1.66
9	1.93	1.92	1.97	2.09	2.52	2.30	2.61	2.55	2.19	1.91	1.71	1.65
10	1.92	1.92	2.15	2.10	2.48	2.28	2.59	2.53	2.16	2.01	1.71	1.64
11	1.93	1.91	2.28	2.11	2.43	2.25	2.51	2.49	2.13	1.97	1.71	1.62
12	2.13	1.91	2.14	2.09	2.40	2.39	2.48	2.46	2.11	2.05	1.70	1.61
13	2.16	1.90	2.23	2.07	2.37	2.58	2.49	2.51	2.10	2.32	1.69	1.62
14	2.94	1.90	2.29	2.06	2.34	2.48	2.51	2.46	2.10	2.27	1.68	2.02
15	2.57	1.89	2.25	2.05	2.32	2.42	2.50	2.41	2.09	2.13	1.68	2.60
16	2.36	1.89	2.20	2.03	2.31	2.39	2.46	2.38	2.07	2.03	1.85	2.05
17	2.26	1.88	---	2.03	2.28	2.37	2.43	2.36	2.06	1.98	1.77	1.87
18	2.20	1.88	---	2.03	2.26	2.37	2.42	2.61	2.04	1.95	1.78	1.84
19	2.16	1.88	---	2.59	2.25	2.33	2.40	2.46	2.02	1.92	1.73	1.83
20	2.13	1.88	---	2.81	2.31	2.40	2.37	2.41	2.06	1.91	1.71	1.83
21	2.10	1.87	---	2.76	2.28	2.61	2.35	2.38	2.04	1.90	1.69	2.50
22	2.08	1.86	2.19	2.62	2.25	2.50	2.33	2.35	2.00	1.88	1.67	2.61
23	2.06	1.93	2.29	3.16	2.23	2.45	2.31	2.32	2.03	1.89	1.68	2.36
24	2.05	2.26	2.35	3.17	2.21	2.40	2.30	2.30	2.04	1.92	1.66	2.13
25	2.08	2.42	2.25	3.53	2.20	2.37	2.42	2.27	2.01	1.90	2.01	2.22
26	2.03	2.18	2.21	3.07	2.21	2.51	2.32	2.25	2.13	1.90	1.83	3.07
27	2.02	2.09	2.18	2.84	2.18	2.50	2.30	2.46	2.05	1.86	2.07	4.43
28	2.01	2.04	2.16	2.70	2.17	2.43	2.31	2.40	2.01	1.83	1.82	3.19
29	2.00	2.02	2.14	2.60	---	2.40	2.35	2.29	2.12	1.81	1.80	2.67
30	2.00	2.24	2.11	2.53	---	2.90	2.29	2.26	2.06	1.80	1.77	2.45
31	1.98	---	2.10	2.48	---	3.11	---	2.25	---	1.85	1.75	---
MEAN	2.10	1.98	---	2.40	2.35	2.44	2.47	2.51	2.13	1.97	1.76	2.11
MAX	2.94	2.42	---	3.53	2.77	3.11	2.95	3.54	2.51	2.32	2.07	4.43
MIN	1.92	1.86	---	2.03	2.17	2.16	2.29	2.25	2.00	1.80	1.66	1.61

STATION NUMBER 02178400 TALLULAH RIVER NEAR CLAYTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 241
LATITUDE 345325 LONGITUDE 0833150 NAD27 DRAINAGE AREA 56.50 CONTRIBUTING DRAINAGE AREA 56.50* DATUM 1868.93 NGVD29
Date Processed: 2003-03-10 13:47 By acday
APPROVED
DD #6, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.07	0.00	0.01	1.32	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.52	0.00	0.01	0.00	0.00	0.04	0.00
3	0.00	0.00	0.00	0.00	0.01	0.12	0.00	---	0.00	0.00	0.00	0.03
4	0.00	0.00	0.00	0.05	0.00	0.00	0.00	1.98	1.05	0.00	0.00	0.00
5	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00
6	0.69	0.00	0.00	0.66	1.24	0.00	0.00	0.00	0.91	0.60	0.04	0.00
7	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.01	0.30	1.15	0.07	0.00	0.00	0.00	0.00
10	0.00	0.00	---	0.00	0.02	0.01	0.10	0.09	0.00	1.62	0.00	0.00
11	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00
12	0.26	0.00	0.03	0.00	0.00	0.75	0.10	0.04	0.00	0.01	0.00	0.00
13	0.19	0.00	0.51	0.00	0.00	0.31	0.13	0.99	0.00	1.39	0.00	0.13
14	0.94	0.00	0.26	0.00	0.00	0.00	0.16	0.00	0.03	0.06	0.00	2.19
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.93
16	0.00	0.00	---	0.00	0.00	0.14	---	0.97	0.00	0.00	0.17	0.01
17	0.00	0.00	---	0.00	0.00	0.05	0.00	0.26	0.00	0.00	0.73	0.00
18	0.00	0.00	---	0.01	0.00	0.02	0.00	0.17	0.00	0.00	0.03	0.18
19	0.00	0.00	---	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	---	0.00	0.49	0.57	0.00	0.00	0.24	0.00	0.00	0.10
21	0.00	0.00	---	0.63	0.00	0.36	0.00	0.00	0.00	0.00	0.00	1.62
22	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.41
23	0.00	0.95	0.94	0.89	0.00	0.00	0.00	0.00	0.19	0.02	0.00	0.00
24	0.00	0.53	0.00	1.46	0.00	0.00	0.01	0.00	0.01	0.02	0.00	0.00
25	0.09	0.25	0.00	0.03	0.00	0.00	0.37	0.00	0.44	0.00	1.27	1.44
26	0.00	0.00	0.00	0.00	0.04	0.60	0.03	0.00	0.14	0.00	0.92	1.63
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.11	0.00	0.01	0.76
28	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.01	0.00	0.09	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.13	0.00	0.00	0.00
30	0.00	---	0.00	0.04	---	1.92	0.02	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.06	---	---	---	---	---	0.28	0.00	---
TOTAL	2.19	---	---	6.07	2.15	---	---	---	3.57	4.00	3.75	9.43

SAVANNAH RIVER BASIN
2002 Water Year

02178500 LAKE BURTON NEAR CLAYTON, GA

LOCATION.—Lat 34°47'37", long 83°32'26" referenced to North American Datum (NAD) of 1927, Rabun County, Hydrologic Unit 03060102, on Tallulah River, 5.5 miles downstream from bridge on US 76, 10.0 miles southwest of Clayton.

REMARKS.—Water levels and lake contents are collected by Georgia Power Corporation. Please see the following Internet location for more information:

http://lakes.southernco.com/

or call: 1-888-GPC-LAKE (1-888-472-5253)

02179500 LAKE RABUN (MATHIS) NEAR LAKEMONT, GA

LOCATION.—Lat 34°47'03", long 83°24'57" referenced to North American Datum (NAD) of 1927, Rabun County, Hydrologic Unit 03060102, on Tallulah River, 1.0 mile upstream from bridge on US 23, 1.8 miles south of Lakemont.

REMARKS.—Water levels are provided by Georgia Power Corporation. Please see the following Internet location for more information:

http://lakes.southernco.com/

or call: 1-888-GPC-LAKE (1-888-472-5253)

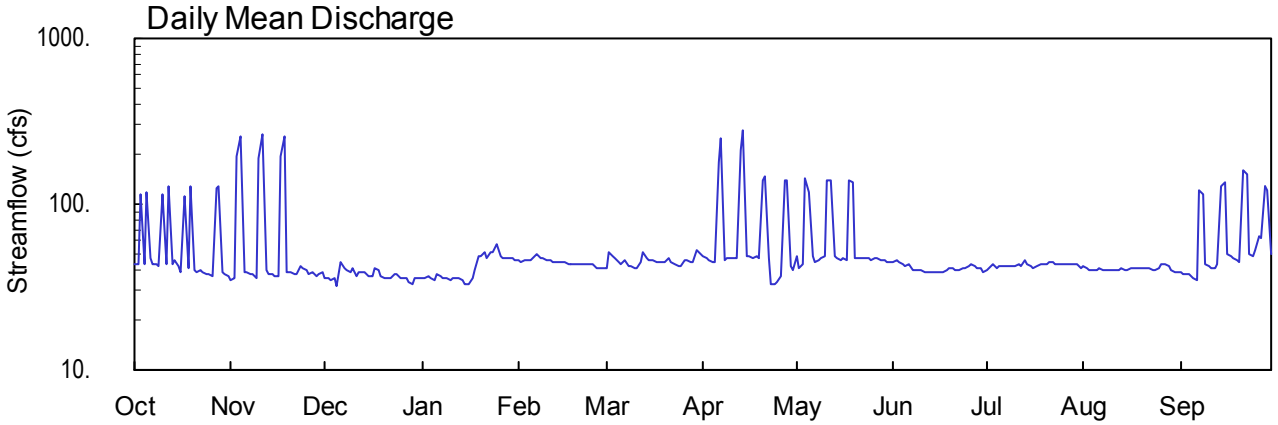
SAVANNAH RIVER BASIN

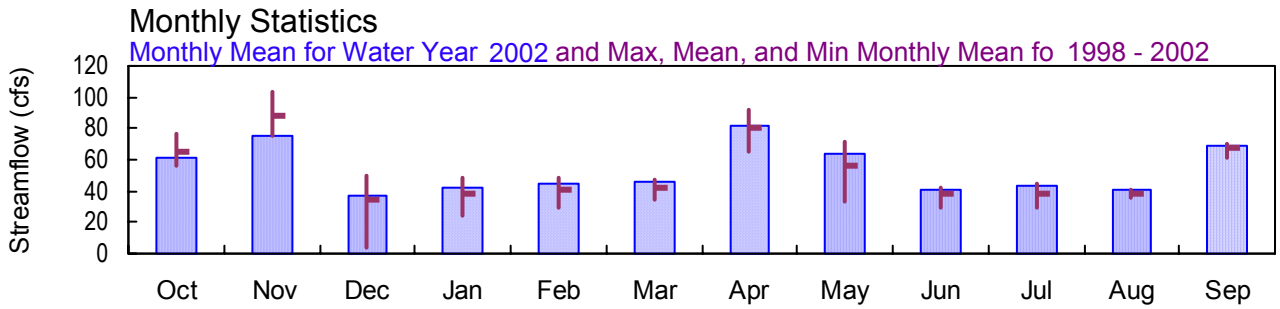
2002 Water Year

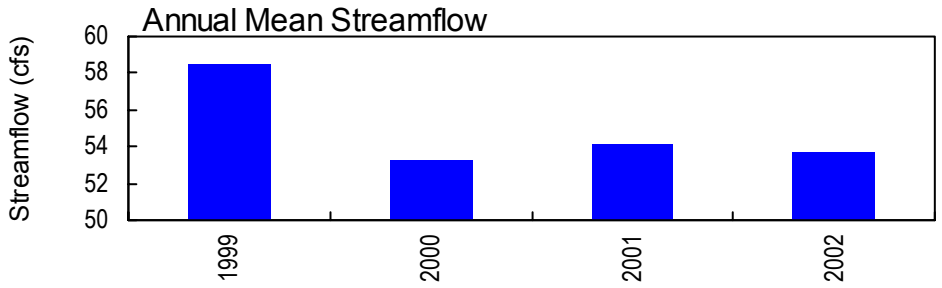
02181580 TALLULAH RIVER AB POWERHOUSE, NR TALLULAH FALLS, GA

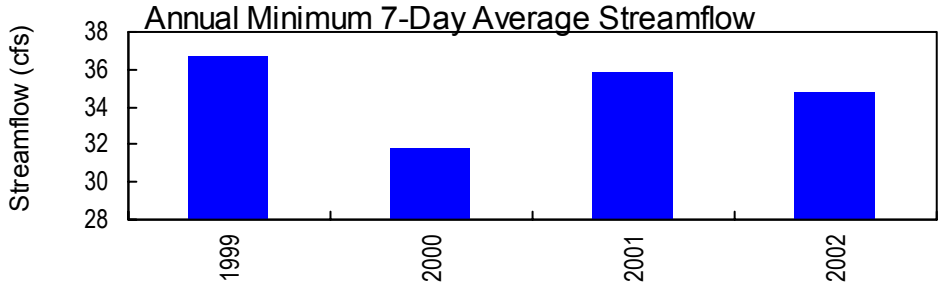
Latitude: 34°43'55" Longitude: 83°22'33" Hydrologic Unit Code: 03060102 Rabun County

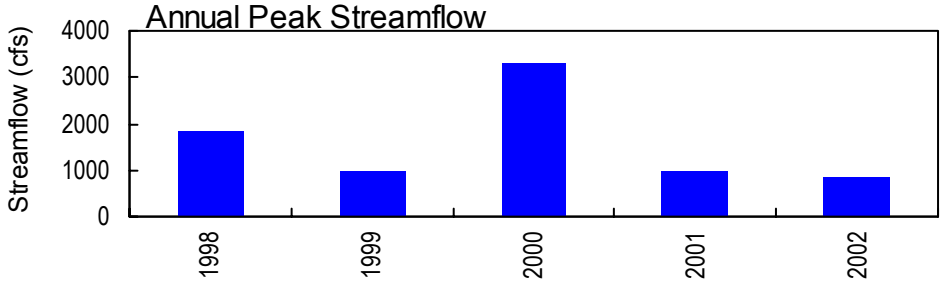
Drainage Area: 184.4 mi^2 Datum: 940.00 feet











SAVANNAH RIVER BASIN
2002 Water Year

02181580 TALLULAH RIVER ABOVE POWERHOUSE, NEAR TALLULAH FALLS, GA

LOCATION.—Lat 34°43'55", long 83°22'33", Habersham County, Hydrologic Unit 03060102, on right bank 20.0 feet upstream from the Tallulah Falls Powerhouse in the Tallulah Gorge, 1.2 miles downstream from Cascade Falls, 1.7 miles downstream from Tallulah Falls Lake, and 0.5 miles northeast of Tallulah Lodge.

DRAINAGE AREA.—184 mi^2.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—November 14 1997 to current year.

GAGE:--Satellite telemetry with a water-stage recorder. Datum of gage 940.00 above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for periods of estimated discharge and those above 1,000 ft^3/s, which are fair. Streamflow is regulated by Tallulah Falls Dam.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 14, 1997 to current year.

GAGE:--Satellite telemetry with a water-stage recorder. Datum of gage 940.00 above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.80 feet, April 14; minimum gage-height recorded, 4.98 feet, April 22, 23, 25, 26.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 4, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02181580 TALLULAH RIVER AB POWERHOUSE, NR TALLULAH FALLS,GA SOURCE AGENCY USGS STATE 13 COUNTY 241
LATITUDE 344355 LONGITUDE 0832233 NAD27 DRAINAGE AREA 184.4 CONTRIBUTING DRAINAGE AREA 184.4* DATUM 940.00 NGVD29
Date Processed: 2003-03-10 13:54 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	35	e36	36	46	41	48	48	45	40	42	e39
2	43	36	e36	36	45	52	47	41	46	42	41	e38
3	114	196	e35	37	46	49	46	44	45	43	40	38
4	44	257	36	36	46	47	45	e145	43	41	40	38
5	119	39	32	35	46	45	45	119	42	42	40	36
6	47	39	45	38	48	43	179	49	43	42	41	35
7	44	38	41	37	50	46	e249	45	40	42	40	121
8	43	38	40	36	47	42	46	46	40	42	40	114
9	42	36	39	36	47	42	47	47	40	42	40	44
10	114	191	41	35	46	41	47	49	40	42	40	42
11	43	262	37	36	46	41	47	e140	39	43	40	41
12	128	40	39	36	45	45	47	141	39	42	40	41
13	43	38	39	36	45	51	211	49	39	46	41	43
14	46	38	39	35	45	47	279	47	39	44	40	130
15	42	37	37	33	45	46	49	46	39	42	40	135
16	39	37	37	33	45	46	48	47	39	41	41	50
17	112	196	41	36	44	45	47	46	39	42	41	49
18	41	254	40	40	44	45	48	139	40	44	41	47
19	129	39	37	49	43	45	47	137	41	43	41	46
20	40	39	36	49	44	45	140	47	41	44	41	45
21	39	38	36	52	44	47	147	47	40	45	41	159
22	40	38	36	47	44	45	47	47	40	45	41	152
23	39	42	38	51	44	44	33	47	41	44	40	50
24	38	41	38	52	44	42	33	47	41	43	40	48
25	38	40	36	57	43	42	34	46	42	44	41	53
26	37	38	36	49	41	46	37	47	43	43	43	64
27	125	39	36	47	41	46	140	47	42	44	44	62
28	129	37	34	47	41	45	138	46	41	44	42	128
29	39	38	33	47	---	45	42	46	41	44	40	120
30	38	39	36	47	---	53	40	45	39	44	39	50
31	37	---	36	46	---	52	---	45	---	41	e39	---
TOTAL	1916	2275	1158	1287	1255	1411	2453	1982	1229	1330	1260	2058
MEAN	61.8	75.8	37.4	41.5	44.8	45.5	81.8	63.9	41.0	42.9	40.6	68.6
MAX	129	262	45	57	50	53	279	145	46	46	44	159
MIN	37	35	32	33	41	41	33	41	39	40	39	35
CFSM	0.34	0.41	0.20	0.23	0.24	0.25	0.44	0.35	0.22	0.23	0.22	0.37
IN.	0.39	0.46	0.23	0.26	0.25	0.28	0.49	0.40	0.25	0.27	0.25	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

MEAN	64.7	88.6	34.7	38.6	40.7	42.1	81.0	56.3	38.1	38.9	38.1	67.6
MAX	76.7	103	50.1	48.6	48.2	47.3	92.5	71.1	41.8	45.0	40.6	70.3
(WY)	1999	1999	2001	2001	2001	1999	2000	1999	1999	1999	2002	2001
MIN	56.3	75.8	4.28	23.8	29.2	34.1	65.1	33.1	29.9	29.6	35.3	61.6
(WY)	2001	2002	1998	1998	1998	1998	1998	1998	1998	1998	2000	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	19173		19614			
ANNUAL MEAN	52.5		53.7		54.9	
HIGHEST ANNUAL MEAN					58.5	1999
LOWEST ANNUAL MEAN					53.3	2000
HIGHEST DAILY MEAN	273	Apr 15	279	Apr 14	443	Jan 8 1998
LOWEST DAILY MEAN	26	Apr 1	32	Dec 5	2.0	Dec 18 1997
ANNUAL SEVEN-DAY MINIMUM	35	Dec 25	35	Jan 10	2.1	Dec 15 1997
MAXIMUM PEAK FLOW			856	Apr 14	3320	Sep 21 2000
MAXIMUM PEAK STAGE			7.80	Apr 14	9.95	Sep 21 2000
INSTANTANEOUS LOW FLOW			30	Apr 22	13	Jul 25 2000
ANNUAL RUNOFF (CFSM)	0.28		0.29		0.30	
ANNUAL RUNOFF (INCHES)	3.87		3.96		4.05	
10 PERCENT EXCEEDS	89		83		86	
50 PERCENT EXCEEDS	40		43		42	
90 PERCENT EXCEEDS	36		36		36	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02181580 TALLULAH RIVER AB POWERHOUSE, NR TALLULAH FALLS,GA SOURCE AGENCY USGS STATE 13 COUNTY 241
LATITUDE 344355 LONGITUDE 0832233 NAD27 DRAINAGE AREA 184.4* CONTRIBUTING DRAINAGE AREA 184.4 DATUM 940.00 NGVD29
Date Processed: 2003-03-10 13:51 By acday
APPROVED
DD #1, DCP HA350
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.20	5.08	---	5.09	5.22	5.16	5.25	5.25	5.17	5.09	5.12	---
2	5.18	5.09	---	5.09	5.22	5.29	5.24	5.16	5.17	5.13	5.11	---
3	5.70	5.85	---	5.10	5.22	5.27	5.22	5.20	5.17	5.13	5.10	5.07
4	5.20	5.97	5.09	5.09	5.22	5.24	5.21	---	5.13	5.11	5.10	5.06
5	5.73	5.13	5.02	5.08	5.22	5.21	5.21	5.73	5.13	5.12	5.10	5.03
6	5.24	5.14	5.15	5.13	5.28	5.18	5.78	5.21	5.13	5.12	5.11	5.03
7	5.20	5.13	5.16	5.10	5.27	5.22	6.39	5.17	5.10	5.12	5.10	5.70
8	5.18	5.12	5.14	5.10	5.24	5.17	5.23	5.18	5.10	5.13	5.10	5.68
9	5.18	5.10	5.14	5.09	5.24	5.17	5.24	5.19	5.09	5.13	5.10	5.15
10	5.70	5.82	5.16	5.08	5.23	5.16	5.23	5.21	5.10	5.13	5.10	5.13
11	5.19	5.98	5.11	5.09	5.23	5.16	5.24	---	5.09	5.13	5.10	5.11
12	5.77	5.14	5.14	5.09	5.21	5.22	5.24	5.81	5.08	5.12	5.10	5.11
13	5.19	5.13	5.13	5.09	5.21	5.29	5.93	5.22	5.09	5.17	5.11	5.13
14	5.22	5.12	5.14	5.07	5.21	5.25	6.06	5.19	5.09	5.15	5.10	5.77
15	5.17	5.11	5.11	5.03	5.22	5.23	5.26	5.18	5.08	5.12	5.10	5.84
16	5.14	5.10	5.11	5.04	5.21	5.22	5.25	5.18	5.08	5.11	5.11	5.22
17	5.68	5.83	5.16	5.09	5.20	5.21	5.24	5.18	5.08	5.12	5.11	5.21
18	5.16	5.95	5.15	5.15	5.20	5.21	5.25	5.80	5.10	5.14	5.11	5.19
19	5.76	5.14	5.11	5.26	5.19	5.21	5.24	5.81	5.12	5.14	5.11	5.17
20	5.15	5.14	5.10	5.26	5.21	5.22	5.83	5.19	5.11	5.15	5.11	5.17
21	5.14	5.12	5.10	5.30	5.20	5.25	5.85	5.19	5.10	5.16	5.11	5.90
22	5.14	5.12	5.09	5.23	5.20	5.22	5.20	5.19	5.10	5.17	5.11	5.88
23	5.13	5.17	5.13	5.28	5.20	5.20	5.03	5.18	5.11	5.15	5.10	5.23
24	5.12	5.16	5.12	5.29	5.20	5.17	5.03	5.18	5.11	5.14	5.10	5.20
25	5.12	5.14	5.09	5.33	5.18	5.17	5.05	5.17	5.12	5.15	5.12	5.26
26	5.11	5.12	5.10	5.26	5.16	5.23	5.09	5.19	5.14	5.13	5.13	5.39
27	5.73	5.12	5.09	5.24	5.16	5.22	5.83	5.19	5.12	5.15	5.15	5.37
28	5.75	5.09	5.06	5.24	5.16	5.21	5.81	5.17	5.11	5.15	5.12	5.77
29	5.14	5.11	5.04	5.24	---	5.21	5.18	5.17	5.11	5.15	5.10	5.74
30	5.12	5.12	5.09	5.23	---	5.30	5.15	5.16	5.09	5.15	5.08	5.23
31	5.11	---	5.09	5.23	---	5.30	---	5.17	---	5.12	---	---
MEAN	5.31	5.28	---	5.16	5.21	5.22	5.39	---	5.11	5.13	---	---
MAX	5.77	5.98	---	5.33	5.28	5.30	6.39	---	5.17	5.17	---	---
MIN	5.11	5.08	---	5.03	5.16	5.16	5.03	---	5.08	5.09	---	---

STATION NUMBER 02181580 TALLULAH RIVER AB POWERHOUSE, NR TALLULAH FALLS,GA SOURCE AGENCY USGS STATE 13 COUNTY 241
LATITUDE 344355 LONGITUDE 0832233 NAD27 DRAINAGE AREA 184.4* CONTRIBUTING DRAINAGE AREA 184.4 DATUM 940.00 NGVD29
Date Processed: 2003-03-10 13:51 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	---	0.00	0.07	---	---	---	0.00	0.28	0.00	---
2	0.00	0.00	---	0.00	0.00	---	0.00	---	0.00	0.17	0.00	---
3	0.00	0.00	---	0.00	0.02	0.13	0.00	---	0.00	0.00	0.00	---
4	0.00	0.00	---	0.11	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.01	---	0.00	0.00	0.00	1.17	0.00	0.47	0.00
6	0.89	0.00	0.00	0.79	---	---	0.00	0.00	0.95	0.00	0.01	0.00
7	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	---	0.39	0.06	0.00	0.00	0.00	0.00
10	0.00	0.00	1.09	0.00	0.00	---	0.01	1.04	0.00	0.04	0.00	0.00
11	0.01	0.00	0.00	0.00	0.00	---	0.02	0.00	0.00	0.01	0.00	0.00
12	0.06	0.00	---	0.00	0.00	---	0.27	0.01	0.00	---	0.00	0.00
13	0.04	0.00	---	0.00	0.00	---	0.13	0.51	0.00	---	0.00	0.88
14	1.01	0.00	0.09	0.00	0.00	---	0.07	0.01	0.01	---	0.00	3.48
15	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.19	1.94
16	0.00	0.00	0.00	0.00	0.00	---	0.01	0.00	0.00	0.00	0.04	0.00
17	0.00	0.00	1.00	0.00	0.00	---	0.00	0.04	0.00	0.00	0.14	0.01
18	0.00	0.00	0.00	0.00	0.00	---	0.17	0.12	0.00	0.00	0.00	0.14
19	0.00	0.00	0.00	2.00	---	0.00	0.01	0.00	0.00	0.00	0.40	0.00
20	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.01	0.01	0.20
21	0.00	0.00	0.00	0.65	---	---	0.00	0.00	0.00	0.20	0.00	1.78
22	0.00	0.00	0.00	0.10	---	---	0.00	0.00	0.07	0.00	0.00	0.22
23	0.00	1.48	0.82	0.76	0.00	0.00	0.00	0.00	0.39	0.12	0.00	0.00
24	0.45	0.40	0.00	---	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00
25	0.20	0.06	0.00	---	0.00	0.00	---	0.00	0.00	0.00	0.79	1.47
26	0.00	0.00	0.00	0.00	0.03	---	0.03	0.11	0.75	0.04	1.53	1.37
27	0.00	0.11	0.00	0.00	0.00	0.00	---	0.05	0.05	0.00	0.17	0.42
28	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00
29	0.00	---	0.00	0.00	---	---	---	0.00	0.01	0.00	0.01	0.00
30	0.00	---	0.00	0.06	---	---	---	0.01	0.00	0.00	---	0.00
31	0.00	---	0.00	0.01	---	---	---	0.00	---	0.00	---	---
TOTAL	2.66	---	---	---	---	---	---	---	3.40	---	---	---

02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.—Lat 34°21'25", long 82°49'20" referenced to North American Datum (NAD) of 1927, Hart County, GA-Anderson County, SC, Hydrologic Unit 03060103, in right spillway elevator tower of dam on Savannah River, 1.9 miles upstream from Big Generostee Creek, 6.4 miles east of Hartwell, and at mile 305.0.

REMARKS.-- Water levels and lake contents are collected by the U.S. Army Corps of Engineers, Savannah District. Please see the following Internet location for more information:

http://www.sas.usace.army.mil/hydrodat.htm

02189004 RUSSELL LAKE NEAR CALHOUN FALLS, SC

LOCATION.—Lat 34°01'30", long 82°35'42" referenced to North American Datum (NAD) of 1927, Elbert County, GA-Abbeville County, SC, Hydrologic Unit 03060103, in left spillway elevator tower of dam on Savannah River, 1.2 miles downstream from Beer Manor Creek, 4.6 miles south of Calhoun Falls, SC, at river mile 275.1.

REMARKS.—Water levels and lake contents are collected by the U.S. Army Corps of Engineers, Savannah District. Please see the following Internet location for more information:

http://www.sas.usace.army.mil/hydrodat.htm

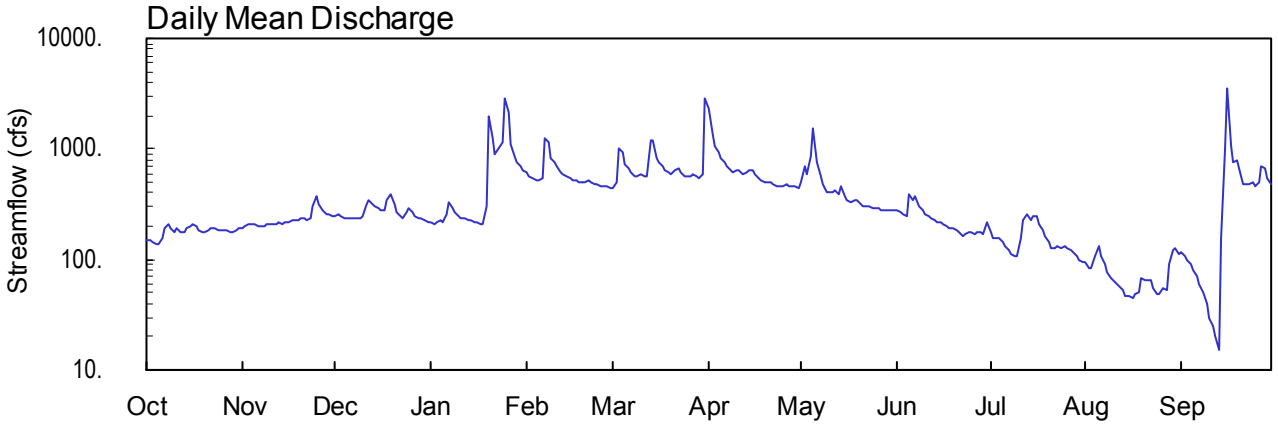
SAVANNAH RIVER BASIN

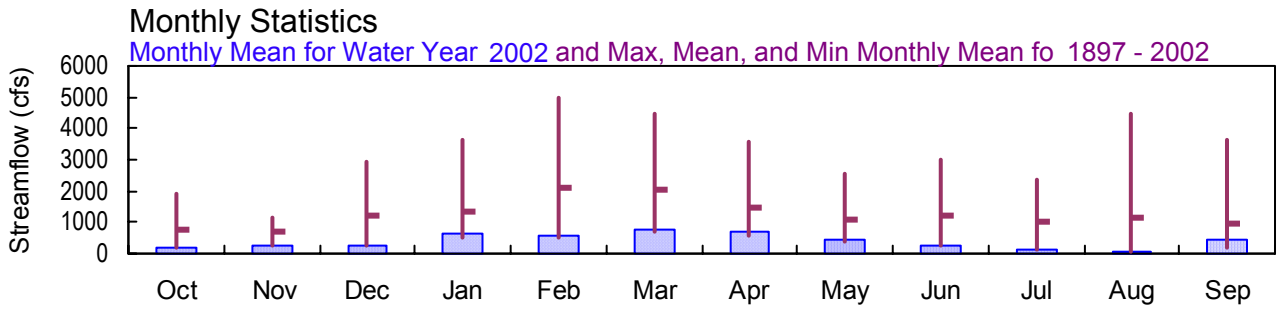
2002 Water Year

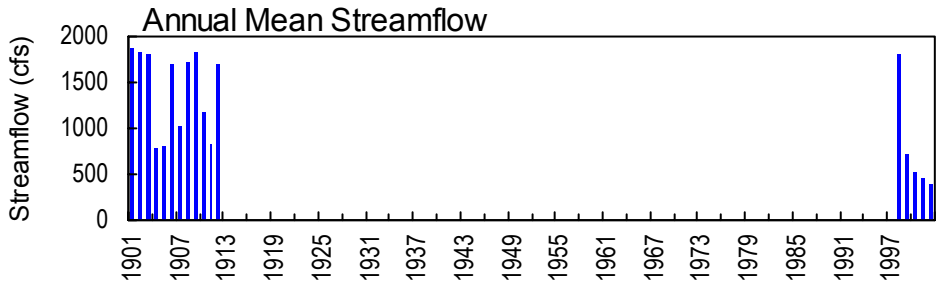
02191300 BROAD RIVER ABOVE CARLTON, GA

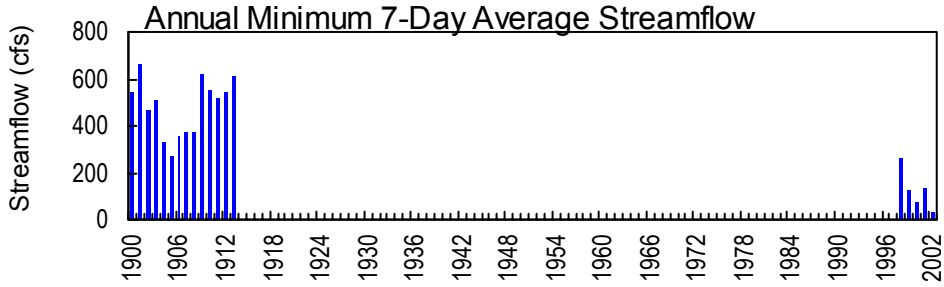
Latitude: 34°04'24" Longitude: 83°00'12" Hydrologic Unit Code: 03060104 Madison County

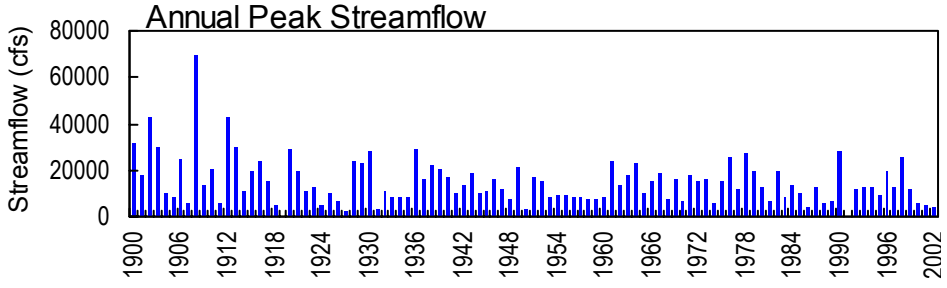
Drainage Area: 760. mi^2 Datum: 404.55 feet











SAVANNAH RIVER BASIN
2002 Water Year

02191300 BROAD RIVER ABOVE CARLTON, GA

LOCATION.—Lat 34°04'24", long 83°00'12" referenced to North American Datum (NAD) of 1983, Elbert-Madison County line, Hydrologic Unit 03060104, at downstream side of bridge on GA 72, 2.7 miles upstream from South Fork Broad River, 2.8 miles northeast of Carlton.

DRAINAGE AREA.—760 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 1897 to December 1912. January 1913 to September 1997 (annual maximum stage only). Prior to January 1, 1918, published as "near Carlton" (02191500). September 29, 1997 to current year.

REVISED RECORDS.—WDR GA-1999, 2000: Annual mean.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage is 406.55 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment). Prior to January 1, 1918, a non-recording gage was located at Seaboard Coast Line Railway bridge about 0.75 miles downstream at datum 5.67 feet lower. From January 1, 1978 to September 1936, a non-recording gage was located at bridge 100.00 feet upstream at same datum. From October 1936 to April 1954, a non-recording gage was located at present site and datum.

REMARKS.—Records fair, except for periods of estimated discharge, which are poor.

PEAK DISCHARGES FOR CURENT YEAR.--Peak discharges greater than base discharge of 8,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Sep. 16	0800	4,460*	8.89*

02191300 BROAD RIVER ABOVE CARLTON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1897 to December 1912. January 1913 to September 1997 (annual maximum stage only). Prior to January 1, 1918, published as "near Carlton" (02191500). September 29, 1997 to current year.

REVISED RECORDS.—WDR GA-96-1: Drainage area.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage is 406.55 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment). Prior to January 1, 1918, a non-recording gage was located at Seaboard Coast Line Railway bridge about 0.75 miles downstream at datum 5.67 feet lower. From January 1, 1978 to September 1936, a non-recording gage was located at bridge 100.00 feet upstream at same datum. From October 1936 to April 1954, a non-recording gage was located at present site and datum.

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.89 feet, September 16; minimum gage-height recorded, 1.34 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—September 29, 1997 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02191300 BROAD RIVER ABOVE CARLTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 195
LATITUDE 340424 LONGITUDE 0830012 NAD83 DRAINAGE AREA 760.00* CONTRIBUTING DRAINAGE AREA DATUM 404.55 NGVD29
Date Processed: 2003-03-10 14:00 By acday
APPROVED
DD #13, (ALL HIST DVS)
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	150	195	246	215	608	442	2350	491	278	177	93	115
2	148	199	252	212	578	507	1330	711	269	159	85	109
3	145	209	245	215	545	1010	1070	598	259	153	83	99
4	140	212	237	224	527	947	949	845	250	158	108	91
5	135	207	234	222	512	741	832	1530	385	141	131	e80
6	158	203	234	260	540	657	753	767	338	133	105	e70
7	193	203	237	324	1250	608	699	567	367	122	89	e60
8	206	204	237	294	1160	576	648	470	304	111	77	e50
9	188	206	238	266	837	559	628	410	274	105	e69	e40
10	173	207	246	251	747	588	648	409	257	105	e65	e30
11	190	209	312	240	687	576	630	401	246	156	e60	e25
12	173	211	350	233	627	569	600	418	236	231	e58	e20
13	178	213	316	231	592	1190	609	392	226	252	e53	e15
14	191	208	298	224	563	1180	638	463	216	231	47	154
15	196	213	294	218	539	835	643	376	213	248	46	1030
16	210	220	284	216	527	745	601	339	211	247	45	3580
17	200	223	277	212	513	693	547	323	203	212	48	1040
18	185	224	347	212	502	643	520	340	195	184	50	763
19	178	228	384	302	491	610	507	338	188	160	67	790
20	180	232	313	1990	497	593	501	316	183	141	65	558
21	187	233	273	1270	511	632	492	305	175	127	65	487
22	188	228	248	885	505	677	481	301	162	124	64	479
23	188	241	240	1000	488	610	467	298	168	134	54	478
24	186	300	267	1170	475	575	454	295	174	128	48	491
25	185	366	289	2840	467	555	461	291	174	130	48	457
26	185	320	269	2110	464	557	475	287	172	129	56	504
27	187	278	247	1090	457	594	461	284	174	121	53	704
28	178	260	236	858	448	574	454	280	174	117	90	669
29	177	255	233	763	---	543	452	279	169	106	120	534
30	181	248	228	694	---	586	442	278	218	98	127	476
31	190	---	222	640	---	2880	---	280	---	93	111	---
TOTAL	5549	6955	8333	19881	16657	23052	20342	13682	6858	4733	2280	13998
MEAN	179	232	269	641	595	744	678	441	229	153	73.5	467
MAX	210	366	384	2840	1250	2880	2350	1530	385	252	131	3580
MIN	135	195	222	212	448	442	442	278	162	93	45	15
CFSM	0.24	0.31	0.35	0.84	0.78	0.98	0.89	0.58	0.30	0.20	0.10	0.61
IN.	0.27	0.34	0.41	0.97	0.82	1.13	1.00	0.67	0.34	0.23	0.11	0.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 2002, BY WATER YEAR (WY)

MEAN	784	733	1181	1333	2120	2056	1466	1079	1181	1009	1164	978
MAX	1919	1151	2959	3624	5010	4476	3573	2563	2996	2341	4488	3665
(WY)	1899	1998	1902	1906	1902	1902	1998	1998	1900	1906	1908	1898
MIN	179	232	269	520	508	687	556	379	229	141	73.5	176
(WY)	2002	2002	2002	2001	2001	1905	1905	2001	2002	2000	2002	2001

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1897 - 2002	
ANNUAL TOTAL	159091		142320			
ANNUAL MEAN	436		390		1257	
HIGHEST ANNUAL MEAN					1860	1901
LOWEST ANNUAL MEAN					390	2002
HIGHEST DAILY MEAN	3960	Mar 21	3580	Sep 16	47200	Aug 25 1908
LOWEST DAILY MEAN	126	Sep 18	15	Sep 13	15	Sep 13 2002
ANNUAL SEVEN-DAY MINIMUM	135	Sep 15	34	Sep 7	34	Sep 7 2002
MAXIMUM PEAK FLOW			4460	Sep 16	70000	Aug 25 1908
MAXIMUM PEAK STAGE			8.89	Sep 16	39.00	Aug 25 1908
INSTANTANEOUS LOW FLOW			14	Sep 13	14	Sep 13 2002
ANNUAL RUNOFF (CFSM)	0.57		0.51		1.65	
ANNUAL RUNOFF (INCHES)	7.79		6.97		22.48	
10 PERCENT EXCEEDS	760		723		2120	
50 PERCENT EXCEEDS	341		252		800	
90 PERCENT EXCEEDS	177		96		340	

e Estimated

STATION NUMBER 02191300 BROAD RIVER ABOVE CARLTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 195
LATITUDE 340424 LONGITUDE 0830012 NAD83 DRAINAGE AREA 760.00* CONTRIBUTING DRAINAGE AREA DATUM 404.55 NGVD29
Date Processed: 2003-03-10 14:00 By acday
APPROVED
DD #3

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.22	2.32	2.43	2.37	2.84	2.55	6.02	2.63	2.40	2.18	1.95	2.03
2	2.21	2.33	2.45	2.36	2.79	2.66	4.36	3.04	2.38	2.14	1.92	2.01
3	2.21	2.36	2.43	2.37	2.73	3.71	3.86	2.83	2.36	2.13	1.91	1.97
4	2.19	2.36	2.42	2.39	2.69	3.57	3.57	3.35	2.34	2.14	2.00	1.94
5	2.18	2.35	2.41	2.38	2.66	3.10	3.31	4.71	2.60	2.10	2.07	---
6	2.24	2.34	2.41	2.46	2.72	2.93	3.13	3.30	2.52	2.08	1.99	---
7	2.32	2.34	2.42	2.59	4.20	2.84	3.01	2.93	2.57	2.05	1.93	---
8	2.35	2.35	2.42	2.53	4.02	2.79	2.92	2.75	2.45	2.02	1.88	---
9	2.31	2.35	2.42	2.47	3.32	2.75	2.88	2.65	2.39	2.00	---	---
10	2.27	2.35	2.43	2.44	3.11	2.81	2.92	2.65	2.36	2.00	---	---
11	2.31	2.36	2.57	2.42	2.99	2.78	2.88	2.64	2.33	2.12	---	---
12	2.27	2.36	2.64	2.41	2.88	2.77	2.83	2.67	2.31	2.30	---	---
13	2.29	2.36	2.58	2.40	2.81	4.03	2.85	2.62	2.29	2.35	---	---
14	2.31	2.35	2.54	2.39	2.76	4.05	2.90	2.74	2.27	2.30	1.71	2.02
15	2.33	2.36	2.53	2.38	2.72	3.32	2.91	2.59	2.27	2.34	1.70	3.74
16	2.36	2.38	2.51	2.37	2.69	3.11	2.83	2.52	2.26	2.34	1.69	7.72
17	2.33	2.39	2.49	2.36	2.67	3.00	2.73	2.49	2.24	2.26	1.71	3.79
18	2.30	2.39	2.63	2.36	2.64	2.91	2.68	2.52	2.23	2.20	1.73	3.25
19	2.28	2.40	2.70	2.53	2.63	2.85	2.65	2.52	2.21	2.14	1.80	3.31
20	2.29	2.41	2.57	5.44	2.64	2.82	2.64	2.48	2.20	2.10	1.82	2.86
21	2.31	2.41	2.49	4.26	2.66	2.89	2.63	2.45	2.18	2.06	1.82	2.73
22	2.31	2.40	2.44	3.57	2.65	2.97	2.61	2.44	2.15	2.05	1.82	2.72
23	2.31	2.42	2.42	3.78	2.62	2.85	2.59	2.44	2.16	2.08	1.75	2.72
24	2.30	2.54	2.47	4.08	2.60	2.78	2.57	2.43	2.18	2.06	1.71	2.74
25	2.30	2.67	2.52	6.61	2.59	2.75	2.58	2.42	2.18	2.07	1.71	2.68
26	2.30	2.58	2.48	5.65	2.58	2.75	2.60	2.42	2.17	2.07	1.77	2.76
27	2.30	2.50	2.44	3.90	2.57	2.82	2.58	2.41	2.18	2.05	1.75	3.13
28	2.28	2.46	2.41	3.37	2.56	2.78	2.57	2.40	2.18	2.03	1.93	3.07
29	2.28	2.45	2.41	3.15	---	2.72	2.56	2.40	2.16	2.00	2.04	2.82
30	2.29	2.44	2.40	3.00	---	2.80	2.55	2.40	2.27	1.97	2.06	2.71
31	2.31	---	2.38	2.90	---	6.64	---	2.40	---	1.95	2.02	---
MEAN	2.29	2.40	2.48	3.09	2.83	3.10	2.99	2.69	2.29	2.12	---	---
MAX	2.36	2.67	2.70	6.61	4.20	6.64	6.02	4.71	2.60	2.35	---	---
MIN	2.18	2.32	2.38	2.36	2.56	2.55	2.55	2.40	2.15	1.95	---	---

STATION NUMBER 02191300 BROAD RIVER ABOVE CARLTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 195
LATITUDE 340424 LONGITUDE 0830012 NAD83 DRAINAGE AREA 760.00* CONTRIBUTING DRAINAGE AREA DATUM 404.55 NGVD29
Date Processed: 2003-03-10 14:00 By acday
APPROVED
DD #15, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	---	0.00	0.00	0.00	0.00	0.01	0.46	0.00	0.00	0.00	0.00
2	0.00	---	0.00	0.00	0.00	1.56	0.00	0.00	0.00	0.39	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.41	0.00	0.30	0.00	0.01	0.00	0.00
4	0.00	0.00	0.00	0.26	0.01	0.00	0.00	1.32	0.53	0.01	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00
6	0.23	0.00	0.00	0.75	2.02	0.00	0.00	0.00	0.07	0.00	0.04	0.00
7	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.22	0.51	0.01	0.00	0.00	0.00	0.00
10	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.03	0.00	0.04	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00	0.00
12	0.01	0.00	0.02	0.18	0.00	1.40	0.07	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.06	0.01	0.00	0.15	0.11	0.40	0.00	0.21	0.00	0.47
14	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.01	0.00	2.74
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.05	0.76
19	0.00	0.00	0.00	1.89	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.00
20	0.00	0.00	0.00	0.00	0.21	0.11	0.00	0.00	0.00	0.00	0.00	0.77
21	0.00	0.00	0.00	0.14	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.01
22	---	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.21	0.03	0.00	0.01
23	---	0.88	0.19	0.23	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.06
24	---	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	---	0.01	0.00	0.11	0.00	0.00	0.37	0.00	0.01	0.00	0.44	0.99
26	---	0.00	0.00	0.00	0.01	1.12	0.00	0.00	0.02	0.55	0.10	0.76
27	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.10
28	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00
29	---	0.00	0.00	0.00	---	0.00	0.00	0.00	0.08	0.00	0.09	0.00
30	---	0.01	0.00	0.00	---	1.83	0.00	0.00	0.00	0.00	0.03	0.00
31	---	---	0.00	0.00	---	0.08	---	0.00	---	0.72	0.00	---
TOTAL	---	---	1.66	4.72	2.42	7.32	1.08	3.22	1.50	2.00	2.75	8.03

SAVANNAH RIVER BASIN
2002 Water Year

02191580 SOUTH FORK BROAD RIVER AT CR 147, NEAR ILA, GA

LOCATION.-- Lat 34°09'47", long 83°17'39" referenced to North American Datum (NAD) of 1927, Madison County, Hydrologic Unit Code 03060104, 60.0 feet downstream from bridge on Old Ila Road, 0.15 miles downstream from Wolf Branch, and 0.65 miles south of Ila, GA.

DRAINAGE AREA.-16.9 mi^2.

COOPERATION.—U.S. Environmental Protection Agency.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—October 20, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 720.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 3, effective October 01, 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/04/01	20.40	2.83
12/11/01	21.07	7.00
02/19/02	20.84	9.54
04/10/02	20.75	12.0
06/19/02	20.37	4.90
08/21/02	19.98	1.02
09/30/02	20.34	6.56

02191600 DOUBLE BRANCH AT US 29, NEAR DANIELSVILLE, GA

LOCATION.—Lat 34°06'06", long 83°14'11" referenced to North American Datum (NAD) of 1927, Hydrologic Unit 03060104, 1000 feet downstream of US 29, 1.0 mile upstream from confluence of the South Fork Broad River, approximately 6.0 miles south of Zeb's BBQ, and 1.7 miles south-southwest of Danielsville.

DRAINAGE AREA.—4.8 mi^2.

COOPERATION.—U.S. Environmental Protection Agency.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—October 20, 2000 to current year.

GAGE.—Standard USGS vertical staff. Datum of gage is 630.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.—Rating Number 4, effective October 1, 2001 to September 30, 2002.

REMARKS.—Records fair. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/04/01	20.87	0.57
12/11/01	21.02	1.64
02/19/02	21.10	2.63
04/10/02	21.57	3.53
06/19/02	21.05	0.67
08/21/02	20.86	0.01
09/30/02	21.07	1.19

SAVANNAH RIVER BASIN
2002 Water Year

02191693 BRUSH CREEK AT MCCARTY-DODD ROAD, NEAR COMER, GA

LOCATION.-- Lat 34° 03' 55", long 83° 11' 31" referenced to North American Datum (NAD) of 1983, Madison County, Hydrologic Unit 03060104, 50.0 feet upstream of culvert on McCarty-Dodd Road, 1.7 miles upstream of confluence with the South Fork Broad River, and 3.8 miles west of Comer.

DRAINAGE AREA.--34.1 mi^2.

COOPERATION.—U.S. Environmental Protection Agency.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—October 13, 2000 to current year.

GAGE.—Standard USGS vertical staff. Datum of gage is 640.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 2, effective October 1, 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/04/01	11.04	6.75
12/11/01	11.48	17.4
02/19/02	11.27	20.6
04/10/02	11.42	29.4
06/19/02	10.99	9.50
08/21/02	10.58	0.51
09/30/02	11.25	19.2

SAVANNAH RIVER BASIN
2002 Water Year

02191695 SOUTH FORK BROAD RIVER AT GA 172, NEAR COMER, GA

LOCATION.-- Lat 34° 03' 55", long 83° 10' 07" referenced to North American Datum (NAD) of 1927, Madison County, Hydrologic Unit 03060104, on left side of low water channel, 10.0 feet downstream from the bridge on GA Highway 172, 0.1 miles downstream from Bragh Creek, and 2.5 miles west of Comer.

DRAINAGE AREA.--85.9 mi^2.

COOPERATION.—U.S. Environmental Protection Agency.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--October 13, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 580.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 2, effective October 1, 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/04/01	34.16	14.7
12/11/01	34.68	37.0
02/19/02	34.68	43.2
04/10/02	34.84	63.2
06/19/02	34.20	21.3
08/20/02	33.48	1.16
09/30/02	34.72	39.7

SAVANNAH RIVER BASIN
2002 Water Year

02191740 CLOUDS CREEK AT WATSON MILL STATE PARK, NEAR CARLTON, GA

LOCATION.-- Lat 34°01'14", long 83°04'10" referenced to North American Datum (NAD) of 1927, Oglethorpe County, Hydrologic Unit 03060104, adjacent to County Road 206, in Watson Mill State Park, 800 feet upstream of an abandoned bridge, 0.3 miles upstream of the confluence with the South Fork Broad River, and 2.6 miles southwest of Carlton.

DRAINAGE AREA.-16.9 mi^2.

COOPERATION.—U.S. Environmental Protection Agency.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—Water years 1943, 1953, 1955, 1979, 1980, 1981, 1986, October 13, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 500.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 3, effective October 1, 2001 to September 30, 2002.

REMARKS.--Records fair. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/05/01	32.94	6.82
12/11/01	33.44	21.5
02/15/02	33.26	22.8
04/10/02	33.72	39.8
06/19/02	33.03	7.47
08/20/02	32.76	1.07
09/30/02	33.28	15.2

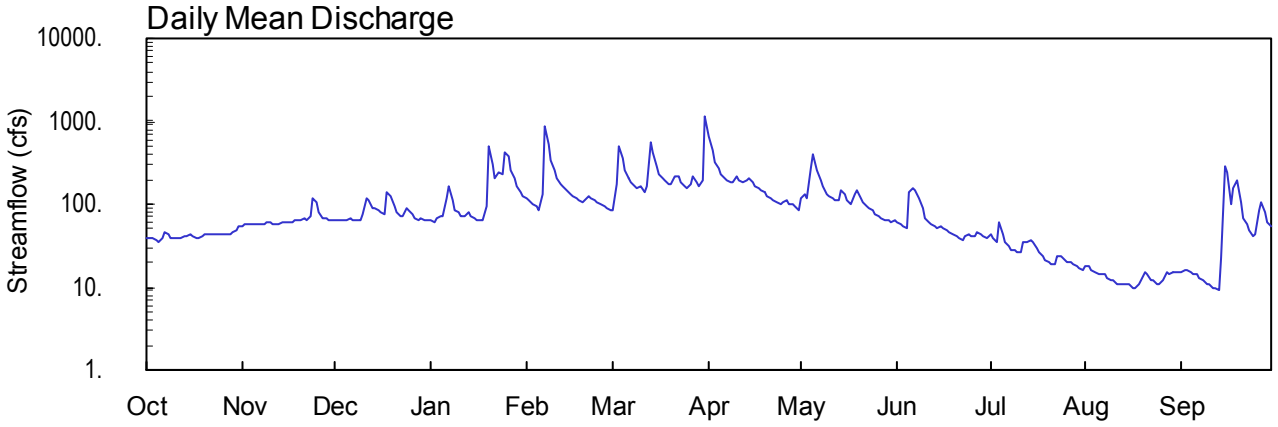
SAVANNAH RIVER BASIN

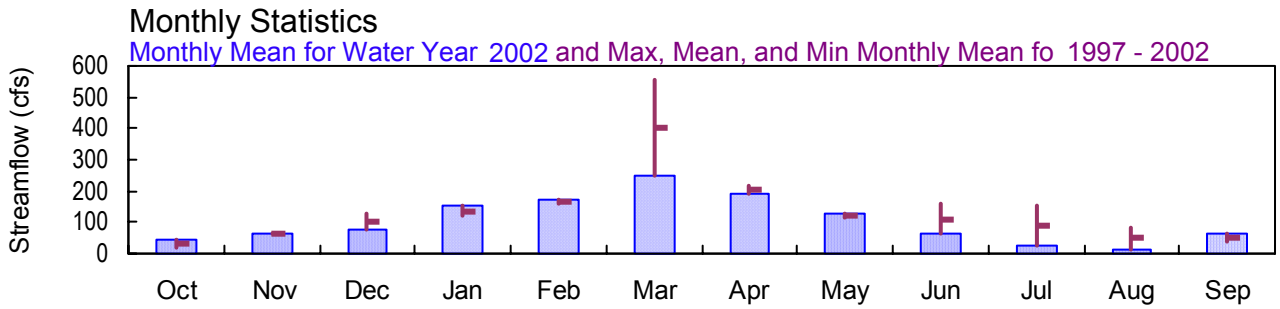
2002 Water Year

02191743 SOUTH FORK BROAD RIVER AT CARLTON, GA

Latitude: 34°01'53" Longitude: 83°00'33" Hydrologic Unit Code: 03060104 Madison County

Drainage Area: 224. mi^2 Datum: 460.00 feet





NO PHOTOS AVAILABLE FOR THIS SITE

SAVANNAH RIVER BASIN
2002 Water Year

02191743 SOUTH FORK BROAD RIVER AT CARLTON, GA

LOCATION.—Lat 34°01'53", long 83°00'33" referenced to North American Datum (NAD) of 1927, Madison County, Hydrologic Unit 03060104, under bridge on landward side of left bank pier web, on County Road 541, 1.4 miles downstream from Mule Branch, and 1.4 miles southeast of Carlton.

DRAINAGE AREA.—224 mi^2, approximately.

COOPERATION.— U.S. Environmental Protection Agency.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 16, 2000 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 460.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for discharges below 60 ft^3/s, which are poor.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 16, 2000 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 460.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 3.34 feet, March 31; minimum gage-height recorded, 1.17 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—July 26, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02191743 SOUTH FORK BROAD RIVER AT CARLTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 195
LATITUDE 340153 LONGITUDE 0830033 NAD27 DRAINAGE AREA 224.0* CONTRIBUTING DRAINAGE AREA DATUM 460.00 NGVD29
Date Processed: 2003-03-10 14:02 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	55	65	63	118	83	677	120	60	43	18	15
2	39	58	65	62	112	178	442	133	57	39	18	16
3	38	56	64	67	100	494	329	115	55	34	16	16
4	36	57	64	73	96	364	267	274	52	60	15	15
5	35	57	64	72	87	253	231	402	141	43	14	14
6	38	58	66	117	132	207	211	260	155	35	14	14
7	45	58	64	163	882	183	198	200	144	31	14	13
8	44	59	64	110	536	165	181	161	120	28	13	12
9	40	60	64	86	340	154	183	135	88	28	12	11
10	39	60	75	79	253	162	215	123	68	26	12	11
11	39	59	121	73	208	143	193	119	61	27	11	10
12	39	59	109	71	179	166	186	114	57	35	11	9.8
13	41	59	92	78	164	550	198	113	53	34	11	9.2
14	41	61	91	72	144	415	202	145	51	36	11	22
15	44	61	86	67	134	288	188	134	54	34	11	290
16	41	61	79	65	128	235	169	111	51	29	10	244
17	39	62	77	64	121	208	159	100	48	27	10	101
18	38	64	139	64	113	192	145	130	45	24	11	152
19	41	64	122	93	108	179	136	149	43	21	12	191
20	43	65	94	504	113	170	128	119	41	20	15	106
21	44	66	78	299	126	220	117	104	38	19	14	66
22	43	65	70	209	117	217	112	93	37	19	12	56
23	44	73	71	249	111	182	105	89	41	23	12	48
24	44	119	89	236	103	167	102	83	44	24	11	41
25	44	105	85	425	98	156	107	76	42	21	11	43
26	44	81	74	385	96	173	110	70	41	20	12	85
27	43	69	67	264	92	219	101	66	47	20	15	108
28	43	67	65	207	85	182	102	65	44	19	14	78
29	46	64	66	166	---	162	96	63	41	18	15	60
30	49	64	65	140	---	195	87	62	40	17	15	53
31	54	---	64	127	---	1160	---	63	---	16	15	---
TOTAL	1298	1966	2459	4750	4896	7822	5677	3991	1859	870	405	1910.0
MEAN	41.9	65.5	79.3	153	175	252	189	129	62.0	28.1	13.1	63.7
MAX	54	119	139	504	882	1160	677	402	155	60	18	290
MIN	35	55	64	62	85	83	87	62	37	16	10	9.2
CFSM	0.19	0.29	0.35	0.68	0.78	1.13	0.84	0.57	0.28	0.13	0.06	0.28
IN.	0.22	0.33	0.41	0.79	0.81	1.30	0.94	0.66	0.31	0.14	0.07	0.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2002, BY WATER YEAR (WY)

MEAN	30.7	63.5	104	137	168	404	203	121	111	90.1	48.0	52.3
MAX	41.9	65.5	128	153	175	556	217	129	161	152	82.9	63.7
(WY)	2002	2002	2001	2002	2002	2001	2001	2002	2001	2001	2001	2002
MIN	19.6	61.5	79.3	120	161	252	189	113	62.0	28.1	13.1	40.9
(WY)	2001	2001	2002	2001	2001	2002	2002	2001	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1997 - 2002	
ANNUAL TOTAL	54548		37903.0			
ANNUAL MEAN	149		104		128	
HIGHEST ANNUAL MEAN					151	2001
LOWEST ANNUAL MEAN					104	2002
HIGHEST DAILY MEAN	1880	Mar 15	1160	Mar 31	1880	Mar 15 2001
LOWEST DAILY MEAN	21	Sep 23	9.2	Sep 13	9.2	Sep 13 2002
ANNUAL SEVEN-DAY MINIMUM	24	Sep 17	11	Aug 11	11	Aug 11 2002
MAXIMUM PEAK FLOW			1550	Mar 31	2870	Mar 15 2001
MAXIMUM PEAK STAGE			3.34	Mar 31	4.20	Mar 15 2001
ANNUAL RUNOFF (CFSM)	0.67		0.46		0.57	
ANNUAL RUNOFF (INCHES)	9.06		6.29		7.74	
10 PERCENT EXCEEDS	279		208		248	
50 PERCENT EXCEEDS	92		66		86	
90 PERCENT EXCEEDS	40		15		20	

STATION NUMBER 02191743 SOUTH FORK BROAD RIVER AT CARLTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 195
LATITUDE 340153 LONGITUDE 0830033 NAD27 DRAINAGE AREA 224.0* CONTRIBUTING DRAINAGE AREA DATUM 460.00 NGVD29
Date Processed: 2003-03-10 14:02 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.68	1.75	1.80	1.79	1.90	1.84	2.59	1.90	1.78	1.69	1.45	1.39
2	1.67	1.76	1.79	1.78	1.88	1.98	2.33	1.92	1.76	1.67	1.45	1.41
3	1.66	1.75	1.79	1.80	1.87	2.39	2.20	1.89	1.75	1.64	1.40	1.40
4	1.65	1.76	1.79	1.81	1.86	2.24	2.13	2.11	1.73	1.76	1.38	1.38
5	1.64	1.76	1.79	1.81	1.84	2.11	2.08	2.29	1.93	1.69	1.36	1.36
6	1.66	1.77	1.80	1.89	1.91	2.04	2.05	2.12	1.96	1.64	1.35	1.34
7	1.70	1.76	1.79	1.97	2.79	2.00	2.02	2.03	1.94	1.62	1.33	1.31
8	1.69	1.77	1.79	1.88	2.44	1.97	2.00	1.97	1.90	1.60	1.31	1.29
9	1.67	1.77	1.79	1.84	2.21	1.96	2.00	1.93	1.84	1.59	1.29	1.26
10	1.67	1.78	1.82	1.83	2.11	1.97	2.05	1.90	1.80	1.57	1.27	1.24
11	1.67	1.77	1.90	1.82	2.04	1.94	2.02	1.90	1.78	1.58	1.26	1.22
12	1.67	1.77	1.88	1.81	1.99	1.97	2.01	1.89	1.76	1.64	1.26	1.20
13	1.68	1.77	1.85	1.83	1.97	2.45	2.03	1.89	1.74	1.64	1.25	1.18
14	1.68	1.78	1.85	1.81	1.94	2.30	2.03	1.94	1.73	1.65	1.24	1.37
15	1.69	1.78	1.84	1.80	1.92	2.15	2.01	1.92	1.74	1.64	1.23	2.15
16	1.68	1.78	1.83	1.79	1.91	2.08	1.98	1.88	1.73	1.61	1.22	2.09
17	1.67	1.78	1.82	1.79	1.90	2.04	1.96	1.86	1.71	1.58	1.22	1.87
18	1.66	1.79	1.93	1.79	1.89	2.01	1.94	1.92	1.70	1.54	1.24	1.95
19	1.68	1.79	1.90	1.84	1.88	1.99	1.93	1.95	1.69	1.51	1.26	2.01
20	1.69	1.79	1.85	2.40	1.89	1.98	1.91	1.90	1.68	1.48	1.36	1.87
21	1.69	1.80	1.83	2.17	1.91	2.06	1.89	1.87	1.66	1.46	1.35	1.80
22	1.69	1.79	1.81	2.04	1.89	2.06	1.88	1.85	1.66	1.46	1.30	1.75
23	1.69	1.81	1.81	2.10	1.88	2.00	1.87	1.85	1.68	1.53	1.27	1.72
24	1.69	1.90	1.85	2.08	1.87	1.98	1.87	1.83	1.69	1.55	1.25	1.68
25	1.69	1.87	1.84	2.31	1.86	1.96	1.88	1.82	1.68	1.51	1.25	1.69
26	1.69	1.83	1.82	2.27	1.86	1.99	1.88	1.81	1.68	1.50	1.30	1.83
27	1.69	1.81	1.80	2.12	1.85	2.06	1.87	1.80	1.71	1.49	1.38	1.88
28	1.69	1.80	1.80	2.04	1.84	2.00	1.87	1.79	1.69	1.46	1.35	1.82
29	1.71	1.79	1.80	1.97	---	1.97	1.86	1.79	1.68	1.44	1.37	1.77
30	1.72	1.79	1.79	1.94	---	2.02	1.84	1.78	1.67	1.42	1.39	1.74
31	1.74	---	1.79	1.91	---	3.03	---	1.79	---	1.40	1.38	---
MEAN	1.68	1.79	1.82	1.94	1.97	2.08	2.00	1.91	1.75	1.57	1.31	1.60
MAX	1.74	1.90	1.93	2.40	2.79	3.03	2.59	2.29	1.96	1.76	1.45	2.15
MIN	1.64	1.75	1.79	1.78	1.84	1.84	1.84	1.78	1.66	1.40	1.22	1.18

STATION NUMBER 02191743 SOUTH FORK BROAD RIVER AT CARLTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 195
LATITUDE 340153 LONGITUDE 0830033 NAD27 DRAINAGE AREA 224.0* CONTRIBUTING DRAINAGE AREA DATUM 460.00 NGVD29
Date Processed: 2003-03-10 14:02 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.20	0.00	0.00
3	0.00	0.00	0.00	0.00	0.10	0.30	0.00	0.20	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.30	0.00	0.00	0.00	1.40	0.50	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
6	0.10	0.00	0.00	0.80	2.10	0.00	0.00	0.00	0.10	0.00	0.20	0.00
7	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.30	0.40	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.70	0.00	0.00	0.10	0.00	0.10	0.00	0.10	0.00	0.00
11	0.00	0.00	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.20	0.00	1.50	0.10	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.10	0.00	0.00	0.10	0.20	0.30	0.00	0.40	0.00	0.50
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	2.50
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00
18	0.10	0.00	0.20	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.90
19	0.00	0.00	0.50	1.60	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00
20	0.00	0.00	0.00	0.00	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.80
21	0.00	0.00	0.00	0.10	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.10
22	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.30	0.40	0.00	0.00
23	0.00	0.50	0.20	0.20	0.00	0.00	0.00	0.00	0.30	0.00	0.10	0.00
24	0.00	0.40	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.10	0.00	0.00	0.30	0.00	0.10	0.00	0.60	1.00
26	0.00	0.00	0.00	0.00	0.10	1.00	0.00	0.00	0.10	0.40	0.30	0.70
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.10	0.00	0.20	0.00
30	0.00	0.00	0.00	0.00	---	1.70	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.20	---	0.00	---	0.20	0.00	---
TOTAL	0.30	0.90	1.80	4.60	2.60	7.30	1.10	3.30	2.20	1.70	3.90	7.80

SAVANNAH RIVER BASIN
2002 Water Year

02191930 BUFFALO CREEK NEAR LEXINGTON, GA

LOCATION.—Lat 33°46'46", long 83°03'01" referenced to North American Datum (NAD) of 1927, Oglethorpe County, Hydrologic Unit 03060104, at culvert on GA 22, 7.0 miles southeast of Lexington.

DRAINAGE AREA.—5.31 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK DISCHARGE RECORDS

PERIOD OF RECORD.—1964 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 520.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 9.47 feet, April 26, 1982
DISCHARGE: 1,650 ft^3/s, April 26, 1982

MAXIMUM FOR CURRENT YEAR.—
STAGE: 3.80 feet, February 7
DISCHARGE: 231 ft^3/s, February 7

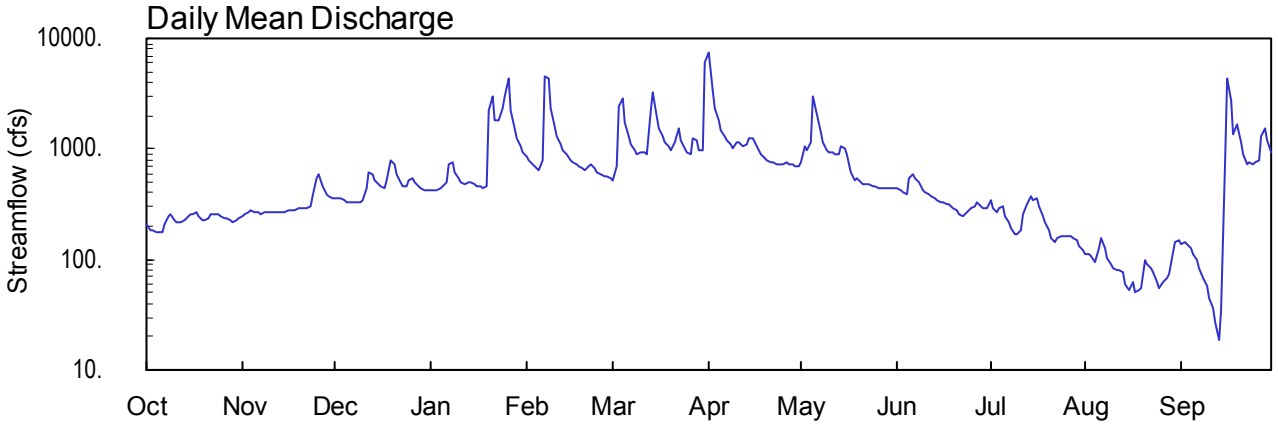
SAVANNAH RIVER BASIN

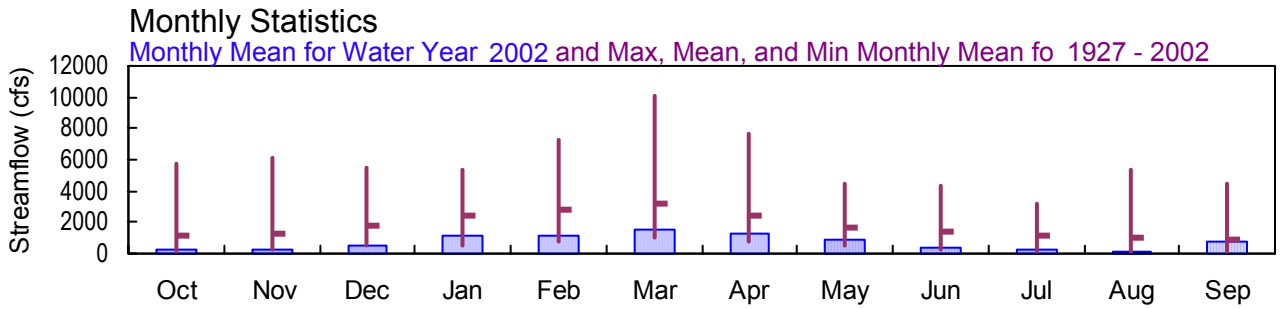
2002 Water Year

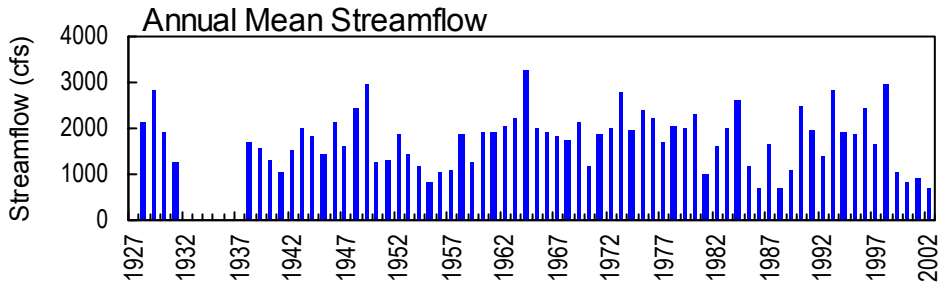
02192000 BROAD RIVER NEAR BELL, GA

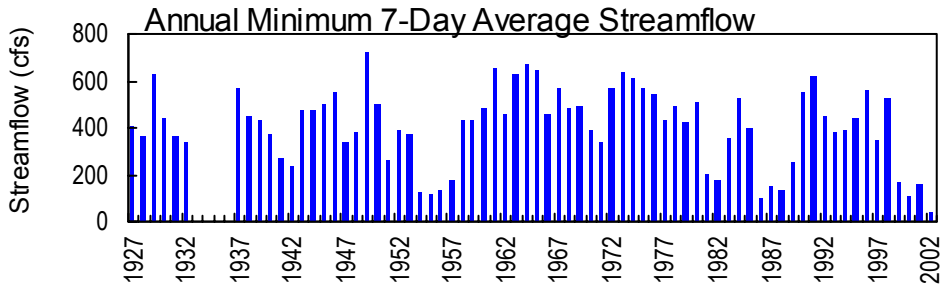
Latitude: 33°58'27" Longitude: 82°46'12" Hydrologic Unit Code: 03060104 Elbert County

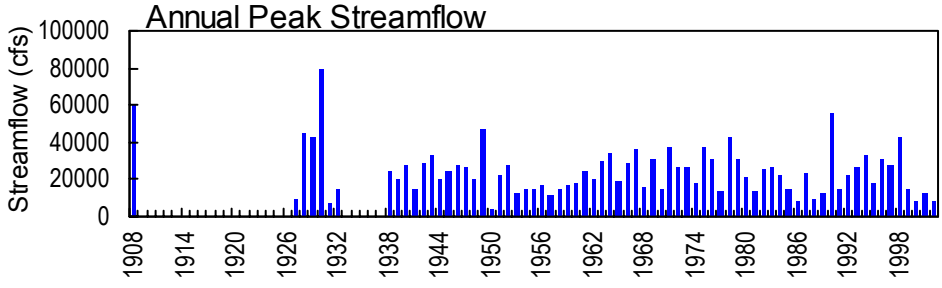
Drainage Area: 1,430. mi^2 Datum: 357.19 feet











SAVANNAH RIVER BASIN
2002 Water Year

02192000 BROAD RIVER NEAR BELL, GA

LOCATION.—Lat 33°58'27", long 82°46'12" referenced to North American Datum (NAD) of 1983, Elbert-Wilkes County line, Hydrologic Unit 03060104, at downstream side of main channel pier of bridge on GA 17, 0.5 miles downstream from Long Creek, 1.0 mile south of Bells Crossroads, and 12.0 miles southeast of Elberton.

DRAINAGE AREA.—1,430 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1926 to September 1932, August 1937 to current year. Monthly discharge only for October 1926, August to September 1932, published in WSP 1303.

REVISED RECORDS.—WSP 1172: 1928-30. WSP 1383: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 357.16 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to October 1928, a non-recording gage was located at railroad bridge about 1.0 mile downstream at datum 1.12 feet lower. From October 1928 to July 1932, and August 1937 to January 1939, a non-recording gage was located at present site and datum.

REMARKS.—Records good, except for the periods of missing record which and are fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 14,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr. 1	0200	8,780*	13.71*

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1926 to September 1932, August 1937 to current year. Monthly discharge only for October 1926, August to September 1932, published in WSP 1303.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 357.16 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to October 1928, a non-recording gage was located at railroad bridge about 1.0 mile downstream at datum 1.12 feet lower. From October 1928 to July 1932, and August 1937 to January 1939, a non-recording gage was located at present site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.71 feet, April 1; minimum gage-height recorded, 2.19 feet, September 13, 14.

STATION NUMBER 02192000 BROAD RIVER NEAR BELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 105
LATITUDE 335827 LONGITUDE 0824612 NAD83 DRAINAGE AREA 1430.00* CONTRIBUTING DRAINAGE AREA DATUM 357.19 NGVD29
Date Processed: 2003-03-10 14:04 By acday
APPROVED
DD #1, DCP (ALL HIST DVS)
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	211	251	351	417	845	525	7410	e750	e440	345	112	138
2	187	259	352	415	802	695	3460	e1040	e430	285	111	143
3	181	268	352	428	726	2480	2320	957	e410	265	105	139
4	180	277	340	449	673	2900	1810	1150	e390	286	96	127
5	175	273	332	455	630	1770	1500	2930	e540	302	128	112
6	175	265	330	496	794	1290	1310	2050	e590	242	156	98
7	207	262	330	726	4620	1090	1180	1410	e550	216	126	84
8	250	263	331	756	4430	981	1080	1150	e510	191	104	68
9	255	266	335	624	2300	904	1030	985	e430	170	90	57
10	231	267	347	541	1590	924	1130	920	e400	170	85	45
11	221	269	440	499	1290	944	1140	915	e390	184	81	36
12	217	271	604	488	1100	892	1050	906	e370	255	79	27
13	224	270	583	496	967	2270	1100	904	e360	314	76	19
14	239	269	514	499	e900	3210	1260	1050	e340	377	61	35
15	255	269	488	480	803	1990	1240	1010	e330	337	52	746
16	258	275	469	463	772	1520	1130	e900	e330	351	63	4270
17	263	284	444	455	738	1300	980	e620	e320	308	51	2750
18	244	284	529	434	696	1160	892	e520	e310	249	52	1350
19	228	287	784	454	656	1050	832	e540	289	214	55	1690
20	229	288	724	2260	648	977	785	e510	274	181	97	1140
21	241	291	579	2930	697	1170	744	e480	257	158	91	891
22	252	289	499	1820	712	1520	e760	e470	248	144	82	742
23	254	299	459	1810	666	1220	e740	e470	253	153	77	765
24	253	372	462	2300	622	1010	e720	e460	281	164	62	730
25	248	549	527	3020	588	927	e720	e460	287	163	56	768
26	237	586	533	4350	572	896	e750	e450	309	161	62	786
27	232	464	490	2240	565	1230	e740	e450	325	163	68	1280
28	229	397	461	1560	548	1200	e720	e440	307	155	74	1520
29	220	371	435	1240	---	980	e710	e440	285	149	115	1220
30	225	358	425	1050	---	993	e700	e440	293	132	146	914
31	237	---	419	925	---	6120	---	e440	---	122	151	---
TOTAL	7058	9393	14268	35080	30950	46138	39943	26217	10848	6906	2764	22690
MEAN	228	313	460	1132	1105	1488	1331	846	362	223	89.2	756
MAX	263	586	784	4350	4620	6120	7410	2930	590	377	156	4270
MIN	175	251	330	415	548	525	700	440	248	122	51	19
CFSM	0.16	0.22	0.32	0.79	0.77	1.04	0.93	0.59	0.25	0.16	0.06	0.53
IN.	0.18	0.24	0.37	0.91	0.81	1.20	1.04	0.68	0.28	0.18	0.07	0.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2002, BY WATER YEAR (WY)

MEAN	1089	1248	1773	2424	2843	3240	2425	1709	1350	1146	1051	875
MAX	5768	6158	5506	5373	7319	10130	7718	4496	4279	3171	5319	4472
(WY)	1930	1949	1984	1974	1998	1929	1964	1964	1967	1938	1928	1929
MIN	148	313	455	506	803	970	766	447	238	162	89.2	158
(WY)	1955	2002	1956	1956	1989	1988	1986	2001	1988	1986	2002	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1927 - 2002	
ANNUAL TOTAL	320574		252255			
ANNUAL MEAN	878		691		1763	
HIGHEST ANNUAL MEAN					3261	1964
LOWEST ANNUAL MEAN					691	2002
HIGHEST DAILY MEAN	12200	Mar 16	7410	Apr 1	70600	Oct 2 1929
LOWEST DAILY MEAN	148	Sep 18	19	Sep 13	19	Sep 13 2002
ANNUAL SEVEN-DAY MINIMUM	159	Sep 16	41	Sep 8	41	Sep 8 2002
MAXIMUM PEAK FLOW			8780	Apr 1	79400	Oct 2 1929
MAXIMUM PEAK STAGE			13.71	Apr 1	34.80	Oct 2 1929
ANNUAL RUNOFF (CFSM)	0.61		0.48		1.23	
ANNUAL RUNOFF (INCHES)	8.34		6.56		16.75	
10 PERCENT EXCEEDS	1820		1300		3090	
50 PERCENT EXCEEDS	526		444		1120	
90 PERCENT EXCEEDS	230		119		480	

e Estimated

STATION NUMBER 02192000 BROAD RIVER NEAR BELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 105
LATITUDE 335827 LONGITUDE 0824612 NAD83 DRAINAGE AREA 1430.00* CONTRIBUTING DRAINAGE AREA DATUM 357.19 NGVD29
Date Processed: 2003-03-10 14:04 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.89	3.05	3.32	3.48	4.70	4.04	12.49	---	---	3.36	2.62	2.68
2	2.87	3.08	3.32	3.47	4.61	4.37	8.39	---	---	3.20	2.61	2.70
3	2.85	3.10	3.32	3.51	4.46	7.14	6.96	4.90	---	3.15	2.59	2.68
4	2.85	3.12	3.29	3.55	4.36	7.72	6.26	5.16	---	3.21	2.56	2.64
5	2.83	3.11	3.27	3.57	4.26	6.19	5.79	7.64	---	3.24	2.67	2.59
6	2.83	3.09	3.26	3.66	4.53	5.47	5.50	6.43	---	3.08	2.76	2.54
7	2.93	3.08	3.26	4.15	9.71	5.14	5.28	5.47	---	3.00	2.65	2.49
8	3.05	3.09	3.27	4.21	9.51	4.94	5.11	5.04	---	2.93	2.57	2.43
9	3.07	3.09	3.28	3.94	6.93	4.81	5.04	4.74	---	2.87	2.52	2.38
10	3.00	3.10	3.31	3.76	5.93	4.85	5.20	4.62	---	2.85	2.50	2.33
11	2.97	3.10	3.53	3.67	5.47	4.88	5.22	4.61	---	2.90	2.49	2.29
12	2.96	3.11	3.90	3.64	5.15	4.78	5.06	4.59	---	3.10	2.47	2.24
13	2.98	3.10	3.85	3.66	4.92	6.86	5.15	4.59	---	3.26	2.46	2.19
14	3.02	3.10	3.70	3.67	---	8.09	5.42	4.86	---	3.42	2.40	2.27
15	3.06	3.10	3.64	3.63	4.62	6.51	5.37	4.78	---	3.31	2.36	4.00
16	3.07	3.12	3.60	3.59	4.55	5.82	5.19	4.58	---	3.35	2.40	9.22
17	3.09	3.14	3.54	3.57	4.49	5.47	4.94	---	---	3.23	2.35	7.36
18	3.03	3.14	3.73	3.52	4.40	5.24	4.79	---	---	3.08	2.36	5.40
19	2.99	3.15	4.27	3.56	4.32	5.06	4.67	---	3.25	2.97	2.37	5.92
20	2.99	3.15	4.15	6.52	4.30	4.94	4.58	---	3.21	2.87	2.53	5.03
21	3.02	3.16	3.85	7.57	4.40	5.27	4.50	---	3.15	2.80	2.52	4.59
22	3.06	3.16	3.67	6.03	4.43	5.83	4.47	---	3.12	2.75	2.48	4.30
23	3.06	3.18	3.58	6.02	4.34	5.35	---	---	3.14	2.78	2.46	4.35
24	3.06	3.37	3.58	6.73	4.25	5.00	---	---	3.21	2.80	2.40	4.28
25	3.04	3.78	3.73	7.67	4.18	4.85	---	---	3.23	2.80	2.38	4.36
26	3.01	3.86	3.74	9.41	4.14	4.79	---	---	3.28	2.80	2.40	4.39
27	3.00	3.59	3.65	6.85	4.12	5.36	---	---	3.32	2.80	2.43	5.27
28	2.99	3.43	3.58	5.88	4.09	5.31	---	---	3.27	2.77	2.45	5.67
29	2.97	3.37	3.52	5.38	---	4.94	---	---	3.22	2.75	2.60	5.18
30	2.98	3.34	3.50	5.07	---	4.96	---	---	3.23	2.69	2.71	4.64
31	3.01	---	3.48	4.85	---	11.19	---	---	---	2.66	2.72	---
MEAN	2.98	3.21	3.57	4.77	---	5.65	---	---	---	2.99	2.51	3.95
MAX	3.09	3.86	4.27	9.41	---	11.19	---	---	---	3.42	2.76	9.22
MIN	2.83	3.05	3.26	3.47	---	4.04	---	---	---	2.66	2.35	2.19

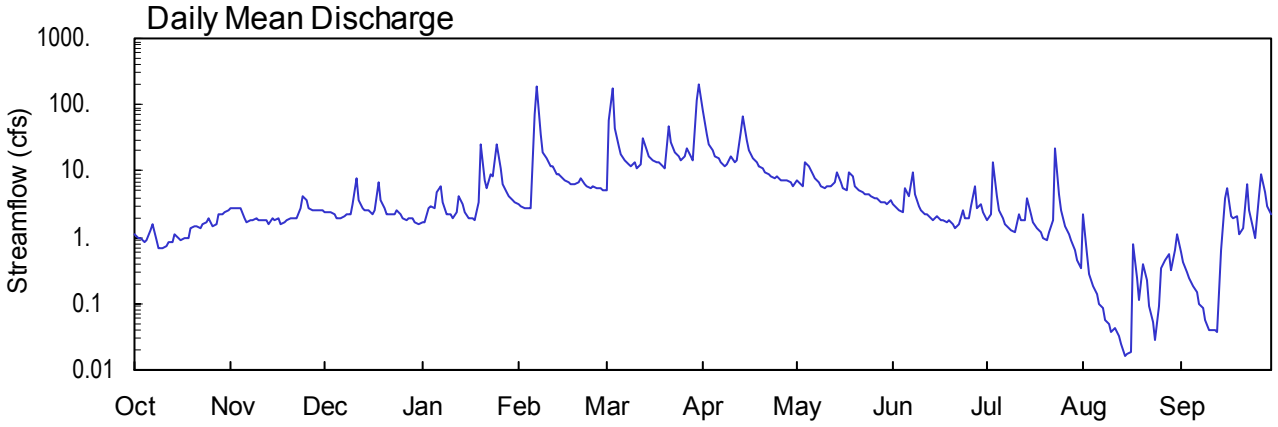
SAVANNAH RIVER BASIN

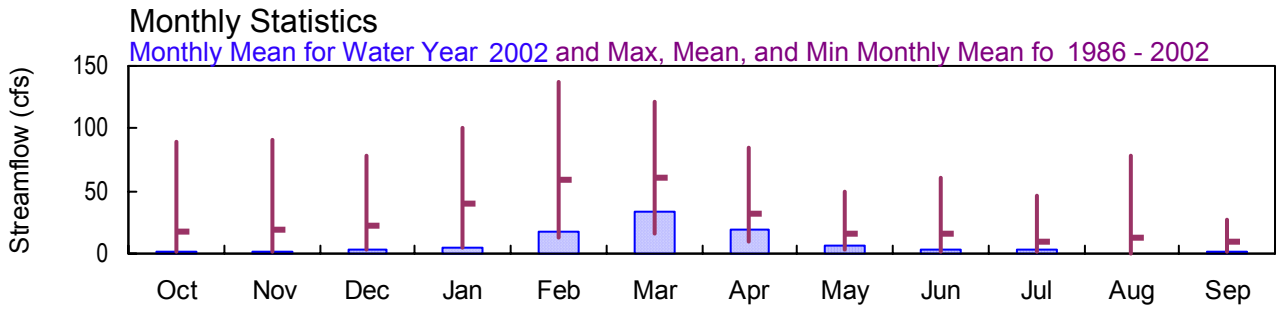
2002 Water Year

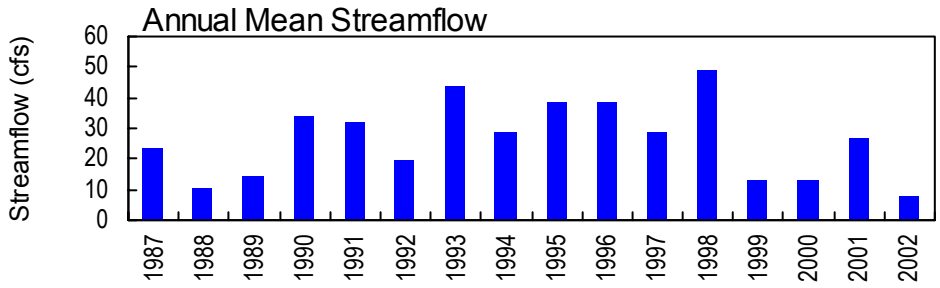
02193340 KETTLE CREEK NEAR WASHINGTON, GA

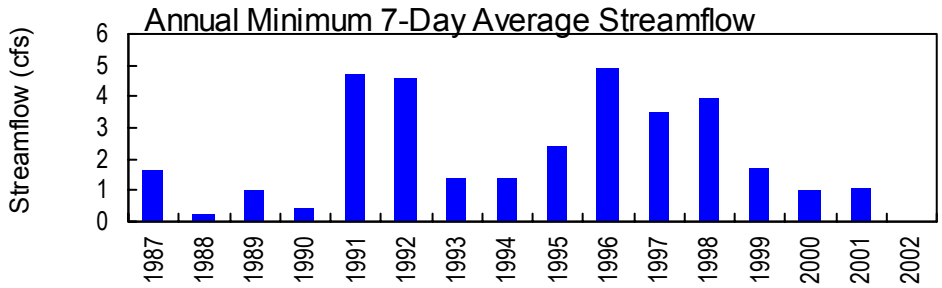
Latitude: 33°40'57" Longitude: 82°51'29" Hydrologic Unit Code: 03060105 Wilkes County

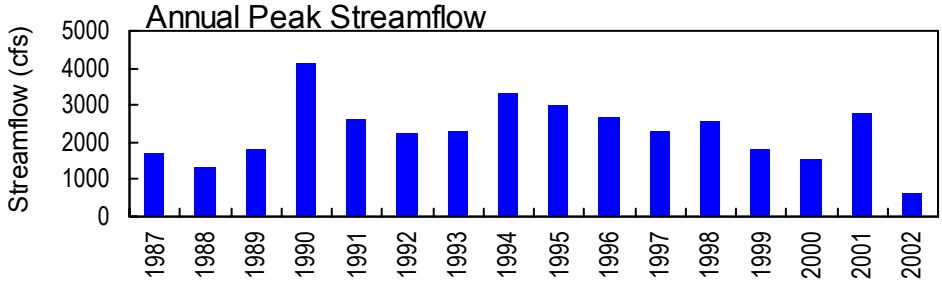
Drainage Area: 33.88 mi^2 Datum: 416.06 feet











USGS
science for a changing world

NO PHOTOS AVAILABLE FOR THIS SITE

02193340 KETTLE CREEK NEAR WASHINGTON, GA

LOCATION.—Lat 33°40'57", long 82°51'29" referenced to North American Datum (NAD) of 1927, Wilkes County, Hydrologic Unit 03060105, on right bank, 300.0 feet upstream from County Road 68, 1.3 miles upstream from Little Kettle Creek, and 7.8 miles southwest of Washington.

DRAINAGE AREA.—33.9 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1986 to current year.

GAGE.—Water-stage recorder. Datum of gage is 416.06 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good, except those less than 0.2 ft^3/s, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 600 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 6	2330	613	7.35
Mar. 30	2245	662*	7.55*

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1986 to current year.

GAGE.—Water-stage recorder. Datum of gage is 416.06 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.55 feet, March 30; minimum gage-height recorded, 2.99 feet, September 23.

STATION NUMBER 02193340 KETTLE CREEK NEAR WASHINGTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 317
LATITUDE 334057 LONGITUDE 0825129 NAD27 DRAINAGE AREA 33.88* CONTRIBUTING DRAINAGE AREA DATUM 416.06 NGVD29
Date Processed: 2003-03-10 14:08 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	2.7	2.4	1.7	3.2	5.2	84	7.4	3.1	1.8	2.2	0.60
2	1.0	2.8	2.4	1.7	2.9	57	37	7.0	2.7	2.2	0.55	0.41
3	0.98	2.7	2.4	2.7	2.8	178	26	5.9	2.5	14	0.28	0.30
4	0.86	2.8	2.3	2.9	2.8	45	20	14	2.4	4.2	0.18	0.24
5	0.89	2.0	2.0	2.7	2.8	24	17	12	5.5	2.5	0.14	0.19
6	1.3	1.7	2.0	4.7	74	18	16	8.9	4.1	1.9	0.10	0.15
7	1.6	1.8	2.1	6.1	192	15	14	7.9	9.6	1.6	0.09	0.10
8	0.88	1.8	2.2	3.4	37	13	12	7.0	4.5	1.4	0.06	0.08
9	0.71	1.9	2.3	2.3	19	12	13	6.1	2.9	1.3	0.05	0.06
10	0.71	1.8	3.1	2.3	16	14	17	5.5	2.5	1.2	0.04	0.04
11	0.72	1.8	7.9	2.0	12	11	14	5.8	2.3	2.2	0.04	0.04
12	0.85	1.8	3.6	2.4	12	13	15	5.8	2.2	1.8	0.03	0.04
13	0.87	1.6	2.8	4.2	9.0	32	39	7.0	2.0	1.8	0.03	0.04
14	1.1	1.9	2.6	3.1	8.8	21	65	9.8	1.8	4.0	0.02	0.64
15	1.0	1.8	2.5	2.4	7.8	17	29	6.6	2.1	2.3	0.02	3.8
16	0.91	1.9	2.2	2.0	7.5	15	20	5.5	1.8	1.7	0.02	5.5
17	0.98	1.6	2.5	1.9	6.9	14	16	5.1	1.8	1.4	0.78	2.1
18	1.0	1.7	6.7	1.8	6.4	14	14	9.4	1.7	1.2	0.24	1.9
19	1.4	1.8	3.6	3.5	6.2	12	12	8.4	1.8	1.0	0.11	2.1
20	1.5	1.9	2.7	25	6.9	11	11	5.9	1.6	0.91	0.40	1.1
21	1.5	1.9	2.2	7.3	7.6	48	9.8	5.2	1.4	1.2	0.23	1.4
22	1.4	1.9	2.2	5.6	6.5	28	9.1	4.9	1.6	1.8	0.09	6.5
23	1.6	2.8	2.3	8.7	5.8	19	8.4	4.6	2.6	22	0.05	2.6
24	1.7	4.3	2.6	8.6	5.4	17	7.9	4.4	2.0	4.6	0.03	1.4
25	2.0	3.7	2.3	26	5.9	15	8.3	4.2	1.9	2.5	0.09	0.99
26	1.5	2.8	1.9	11	5.7	17	7.5	3.9	3.0	1.5	0.34	4.4
27	1.6	2.6	1.8	6.4	5.4	22	7.1	3.9	5.8	1.1	0.45	9.0
28	2.2	2.5	1.9	4.8	5.1	17	7.1	3.4	2.8	0.93	0.56	4.9
29	2.3	2.5	2.0	4.1	---	15	6.6	3.3	3.2	0.65	0.33	3.0
30	2.4	2.5	1.7	3.7	---	115	6.0	3.2	2.4	0.45	0.65	2.2
31	2.6	---	1.6	3.5	---	208	---	3.6	---	0.34	1.1	---
TOTAL	41.16	67.3	82.8	168.5	483.4	1062.2	568.8	195.6	85.6	87.48	9.30	55.82
MEAN	1.33	2.24	2.67	5.44	17.3	34.3	19.0	6.31	2.85	2.82	0.30	1.86
MAX	2.6	4.3	7.9	26	192	208	84	14	9.6	22	2.2	9.0
MIN	0.71	1.6	1.6	1.7	2.8	5.2	6.0	3.2	1.4	0.34	0.02	0.04
CFSM	0.04	0.07	0.08	0.16	0.51	1.01	0.56	0.19	0.08	0.08	0.01	0.05
IN.	0.05	0.07	0.09	0.19	0.53	1.17	0.62	0.21	0.09	0.10	0.01	0.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2002, BY WATER YEAR (WY)

MEAN	17.3	19.0	22.0	39.8	59.1	61.1	31.2	16.3	16.0	9.74	13.3	9.58
MAX	89.7	91.5	78.3	101	137	122	84.5	49.6	61.2	45.9	78.7	27.1
(WY)	1990	1993	1998	1993	1995	2001	1998	1991	2001	1994	1994	2000
MIN	1.33	2.24	2.67	5.44	12.0	15.2	8.98	3.49	1.50	1.15	0.30	1.52
(WY)	2002	2002	2002	2002	1989	1988	2000	2000	2000	2000	2002	2001

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1986 - 2002	
ANNUAL TOTAL	9425.96		2907.96			
ANNUAL MEAN	25.8		7.97		26.3	
HIGHEST ANNUAL MEAN					49.0	1998
LOWEST ANNUAL MEAN					7.97	2002
HIGHEST DAILY MEAN	1020	Jun 13	208	Mar 31	2170	Oct 1 1989
LOWEST DAILY MEAN	0.71	Oct 9	0.02	Aug 14	0.02	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	0.83	Oct 8	0.03	Aug 10	0.03	Aug 10 2002
MAXIMUM PEAK FLOW			662	Mar 30	4150	Oct 1 1989
MAXIMUM PEAK STAGE			7.55	Mar 30	17.68	Oct 1 1989
ANNUAL RUNOFF (CFSM)	0.76		0.24		0.77	
ANNUAL RUNOFF (INCHES)	10.35		3.19		10.53	
10 PERCENT EXCEEDS	53		16		45	
50 PERCENT EXCEEDS	4.1		2.6		10	
90 PERCENT EXCEEDS	1.3		0.41		2.1	

STATION NUMBER 02193340 KETTLE CREEK NEAR WASHINGTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 317
LATITUDE 334057 LONGITUDE 0825129 NAD27 DRAINAGE AREA 33.88* CONTRIBUTING DRAINAGE AREA DATUM 416.06 NGVD29
Date Processed: 2003-03-10 14:06 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.01	3.24	3.30	3.26	3.35	3.21	4.41	3.34	3.19	3.11	3.23	3.09
2	3.00	3.24	3.30	3.27	3.34	3.91	3.87	3.33	3.17	3.13	3.11	3.06
3	3.00	3.24	3.30	3.32	3.33	5.08	3.69	3.30	3.15	3.51	3.07	3.04
4	2.99	3.25	3.30	3.33	3.33	3.97	3.57	3.50	3.14	3.23	3.04	3.03
5	3.00	3.21	3.28	3.32	3.33	3.65	3.51	3.47	3.27	3.15	3.03	3.01
6	3.04	3.20	3.28	3.40	3.93	3.54	3.50	3.39	3.23	3.12	3.02	3.00
7	3.06	3.20	3.29	3.46	5.13	3.48	3.46	3.35	3.40	3.10	3.01	2.98
8	3.01	3.21	3.30	3.36	3.86	3.44	3.41	3.33	3.25	3.09	3.00	2.97
9	3.00	3.22	3.30	3.30	3.55	3.41	3.43	3.30	3.18	3.08	2.99	2.96
10	3.00	3.22	3.34	3.30	3.50	3.44	3.52	3.28	3.15	3.07	2.99	2.95
11	3.01	3.21	3.51	3.29	3.40	3.38	3.46	3.29	3.14	3.13	2.99	2.95
12	3.02	3.22	3.37	3.30	3.40	3.42	3.47	3.29	3.13	3.11	2.98	2.95
13	3.03	3.21	3.33	3.40	3.33	3.80	3.89	3.33	3.12	3.11	2.98	2.95
14	3.05	3.23	3.32	3.34	3.32	3.59	4.21	3.41	3.12	3.23	2.96	3.04
15	3.06	3.23	3.31	3.30	3.29	3.50	3.77	3.32	3.13	3.14	2.96	3.26
16	3.05	3.23	3.30	3.28	3.28	3.47	3.61	3.28	3.12	3.11	2.96	3.33
17	3.06	3.22	3.31	3.28	3.26	3.45	3.54	3.27	3.11	3.09	3.10	3.18
18	3.07	3.23	3.48	3.28	3.25	3.44	3.50	3.39	3.11	3.07	3.05	3.17
19	3.10	3.23	3.37	3.34	3.24	3.41	3.47	3.37	3.11	3.06	3.01	3.18
20	3.11	3.24	3.32	3.83	3.27	3.39	3.44	3.30	3.10	3.05	3.06	3.12
21	3.11	3.25	3.30	3.50	3.28	3.96	3.41	3.27	3.09	3.08	3.04	3.12
22	3.12	3.25	3.29	3.45	3.25	3.72	3.39	3.26	3.10	3.10	3.01	3.35
23	3.13	3.30	3.30	3.53	3.23	3.56	3.37	3.25	3.16	3.65	2.99	3.20
24	3.14	3.37	3.32	3.53	3.22	3.51	3.35	3.25	3.13	3.31	2.97	3.13
25	3.16	3.35	3.30	3.84	3.24	3.47	3.37	3.24	3.12	3.25	2.99	3.10
26	3.14	3.31	3.28	3.58	3.23	3.52	3.34	3.22	3.16	3.19	3.03	3.26
27	3.15	3.30	3.28	3.47	3.22	3.62	3.33	3.22	3.28	3.17	3.06	3.42
28	3.19	3.29	3.28	3.42	3.21	3.51	3.33	3.20	3.17	3.15	3.09	3.29
29	3.20	3.29	3.29	3.40	---	3.47	3.32	3.20	3.19	3.12	3.06	3.21
30	3.20	3.30	3.27	3.37	---	4.21	3.30	3.20	3.15	3.10	3.10	3.16
31	3.23	---	3.26	3.37	---	5.27	---	3.21	---	3.07	3.14	---
MEAN	3.08	3.25	3.32	3.40	3.41	3.67	3.54	3.30	3.16	3.16	3.03	3.12
MAX	3.23	3.37	3.51	3.84	5.13	5.27	4.41	3.50	3.40	3.65	3.23	3.42
MIN	2.99	3.20	3.26	3.26	3.21	3.21	3.30	3.20	3.09	3.05	2.96	2.95

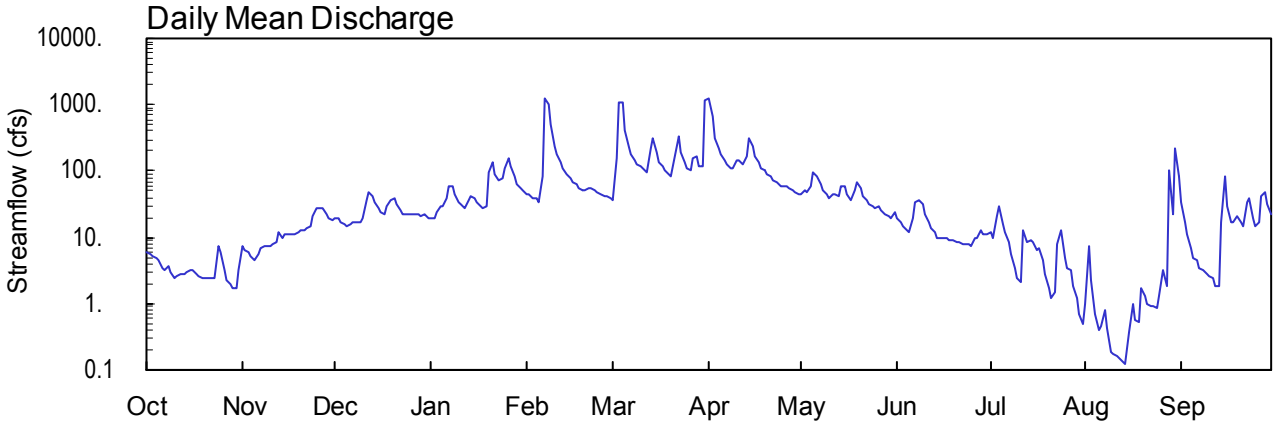
SAVANNAH RIVER BASIN

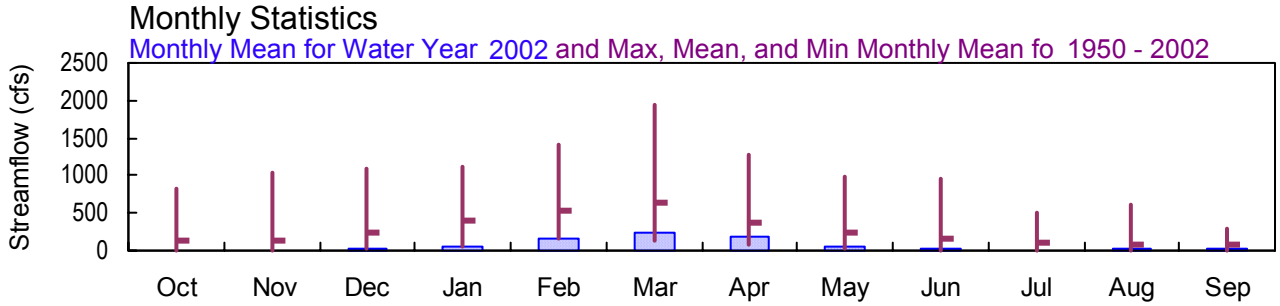
2002 Water Year

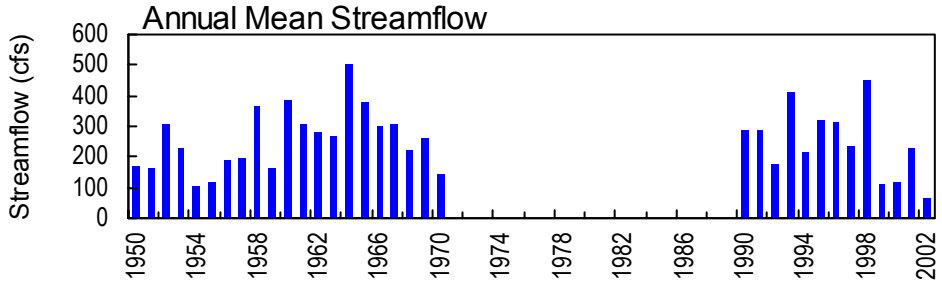
02193500 LITTLE RIVER NEAR WASHINGTON, GA

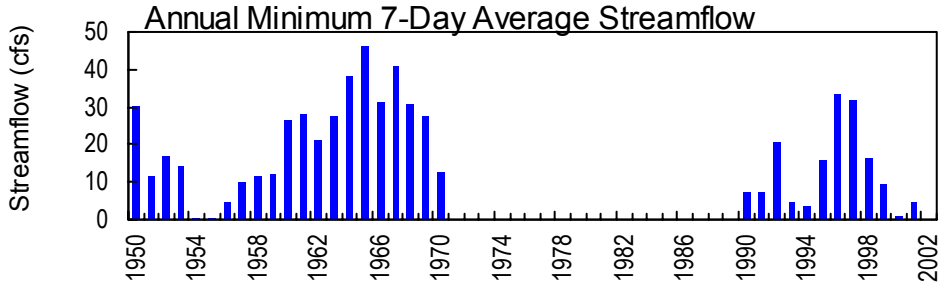
Latitude: 33°36'46" Longitude: 82°44'33" Hydrologic Unit Code: 03060105 Wilkes County

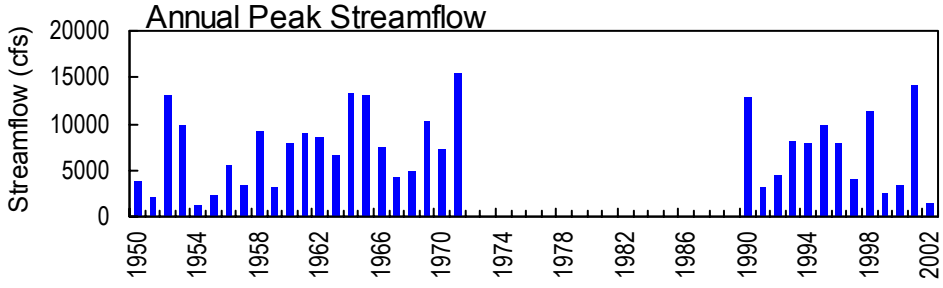
Drainage Area: 292. mi^2 Datum: 353.88 feet











SAVANNAH RIVER BASIN
2002 Water Year

02193500 LITTLE RIVER NEAR WASHINGTON, GA

LOCATION.—Lat 33°36'40", long 82°44'40" referenced to North American Datum (NAD) of 1983, Wilkes-Taliaferro County line, Hydrologic Unit 03060105, on left bank on downstream side of county bridge pier, 700.00 feet downstream from Reedy Creek, 4.0 miles downstream from Georgia Railway bridge, 6.0 miles upstream from Williams Creek, and 9 miles south of Washington.

DRAINAGE AREA.—291 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1949 to June 1971, May 1989 to current year.

REVISED RECORDS.—WSP 1383: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 353.88 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by global positioning system equipment). From October 1, 1949 to June 23, 1971, a recording gage was located at the same site and approximately the same datum.

REMARKS.—Records good. The 2001 water year daily values table is revised to reflect minor changes.

PEAK DISCHARGES FOR CURRENT PERIOD.—Peak discharges greater than base discharge of 3,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr. 1	0400	1,410*	11.55*

02193500 LITTLE RIVER NEAR WASHINGTON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1949 to June 1971, May 1989 to current year.

REVISED RECORDS.—WSP 1383: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 353.88 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by global positioning system equipment). From October 1, 1949 to June 23, 1971, a recording gage was located at the same site and approximately the same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.55 feet, April 1; minimum gage-height recorded, 3.15 feet, August 5, 6, 27.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 25, 1993 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02193500 LITTLE RIVER NEAR WASHINGTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 317
LATITUDE 333646 LONGITUDE 0824433 NAD83 DRAINAGE AREA 292.00* CONTRIBUTING DRAINAGE AREA 292.00 DATUM 353.88 NGVD29
Date Processed: 2003-03-10 14:30 By acday
APPROVED
DD #1, (ALL HIST DVS)
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.8	7.6	19	19	46	36	1260	45	19	12	1.0	33
2	5.5	6.2	20	19	44	156	673	50	17	9.7	7.5	17
3	5.1	5.9	17	24	40	1060	318	49	15	21	2.2	11
4	4.8	5.2	16	29	38	1090	225	58	13	30	0.71	7.0
5	4.4	4.5	15	29	35	420	177	93	12	16	0.39	4.7
6	3.5	5.7	16	38	84	234	148	82	19	12	0.46	4.4
7	3.3	7.0	17	58	1230	177	128	62	35	8.7	0.80	3.4
8	3.6	7.4	17	61	1020	144	114	50	36	5.7	0.43	3.2
9	3.0	7.6	17	46	495	123	110	44	31	3.5	0.19	2.8
10	2.5	7.5	19	35	235	118	145	39	22	2.4	0.17	2.6
11	2.6	7.8	36	31	173	106	142	46	17	2.1	0.16	2.5
12	2.7	8.5	48	28	134	99	126	45	14	13	0.15	1.9
13	2.8	12	43	36	107	223	170	41	12	8.4	0.13	1.9
14	3.0	9.9	34	43	89	304	303	61	10	9.1	0.12	17
15	3.2	11	28	40	77	187	235	58	9.8	8.5	0.38	85
16	3.1	11	24	35	70	140	164	44	9.4	6.6	0.96	29
17	2.8	11	22	30	63	120	132	36	9.4	6.7	0.56	17
18	2.6	11	29	28	56	105	114	50	9.2	4.6	0.54	17
19	2.4	12	36	30	51	92	102	67	8.9	2.8	1.7	21
20	2.4	13	40	95	51	82	90	56	8.7	1.7	1.3	17
21	2.4	13	32	133	57	171	82	42	8.5	1.2	1.0	15
22	2.4	14	26	92	56	336	74	36	8.1	1.5	0.93	34
23	2.4	15	23	73	52	193	67	32	7.9	8.1	0.95	40
24	7.5	21	22	79	47	135	61	30	7.8	13	0.85	20
25	5.9	27	22	111	44	112	59	28	7.4	4.7	1.3	15
26	3.3	28	22	161	43	100	59	30	9.9	3.5	3.1	17
27	2.2	27	22	117	42	159	55	26	10	3.1	1.9	42
28	2.0	22	22	81	39	172	52	22	13	1.9	104	47
29	1.7	19	21	65	---	117	49	21	11	1.2	23	31
30	1.7	18	22	56	---	115	44	20	11	0.72	223	23
31	3.1	---	19	51	---	1140	---	24	---	0.51	85	---
TOTAL	103.7	375.8	766	1773	4518	7766	5478	1387	422.0	223.93	464.88	582.4
MEAN	3.35	12.5	24.7	57.2	161	251	183	44.7	14.1	7.22	15.0	19.4
MAX	7.5	28	48	161	1230	1140	1260	93	36	30	223	85
MIN	1.7	4.5	15	19	35	36	44	20	7.4	0.51	0.12	1.9
CFSM	0.01	0.04	0.08	0.20	0.55	0.86	0.63	0.15	0.05	0.02	0.05	0.07
IN.	0.01	0.05	0.10	0.23	0.58	0.99	0.70	0.18	0.05	0.03	0.06	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2002, BY WATER YEAR (WY)

MEAN	142	135	228	401	538	629	368	248	150	96.0	83.5	69.9
MAX	834	1037	1096	1123	1419	1939	1273	997	951	514	616	305
(WY)	1990	1993	1965	1960	1995	1952	1961	1964	2001	1967	1994	2000
MIN	0.44	12.5	24.7	47.8	150	129	69.8	21.4	5.50	2.85	10.7	1.72
(WY)	1955	2002	2002	1956	1950	1955	2000	2000	2000	2000	1954	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1950 - 2002	
ANNUAL TOTAL	81040.9		23860.71			
ANNUAL MEAN	222		65.4		252	
HIGHEST ANNUAL MEAN					500	1964
LOWEST ANNUAL MEAN					65.4	2002
HIGHEST DAILY MEAN	12600	Jun 13	1260	Apr 1	13400	Mar 3 1971
LOWEST DAILY MEAN	1.7	Oct 29	0.12	Aug 14	0.12	Aug 14 2002
ANNUAL SEVEN-DAY MINIMUM	2.5	Oct 17	0.19	Aug 9	0.19	Aug 9 2002
MAXIMUM PEAK FLOW			1410	Apr 1	15500	Mar 3 1971
MAXIMUM PEAK STAGE			11.55	Apr 1	28.38	Jun 13 2001
INSTANTANEOUS LOW FLOW			0.10	Aug 9	0.10	Aug 9 2002
ANNUAL RUNOFF (CFSM)	0.76		0.22		0.86	
ANNUAL RUNOFF (INCHES)	10.32		3.04		11.74	
10 PERCENT EXCEEDS	352		137		487	
50 PERCENT EXCEEDS	48		22		94	
90 PERCENT EXCEEDS	5.4		2.1		23	

STATION NUMBER 02193500 LITTLE RIVER NEAR WASHINGTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 317
LATITUDE 333646 LONGITUDE 0824433 NAD83 DRAINAGE AREA 292.00* CONTRIBUTING DRAINAGE AREA 292.00 DATUM 353.88 NGVD29
Date Processed: 2003-03-10 14:30 By acday
APPROVED
DD #1, (ALL HIST DVS)
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79	26	61	55	117	158	448	60	157	122	104	14
2	64	26	56	52	94	141	299	58	230	101	79	22
3	54	24	54	55	82	163	270	55	258	96	65	22
4	45	24	55	57	74	1920	351	52	405	112	57	22
5	38	23	53	58	70	2160	294	49	263	170	52	21
6	34	23	52	56	67	1130	244	48	140	178	48	20
7	35	25	50	50	64	364	213	45	96	111	44	18
8	33	24	48	67	61	260	191	43	79	82	43	16
9	30	26	46	121	60	214	175	44	78	70	39	13
10	28	34	47	107	63	185	158	44	76	67	37	13
11	27	40	48	82	65	160	143	45	65	66	33	11
12	26	34	48	92	65	179	131	45	869	56	30	9.8
13	25	29	46	135	110	990	122	45	12600	49	28	9.2
14	24	27	45	121	122	845	117	41	7540	45	27	8.8
15	24	28	47	102	101	2170	118	38	2650	41	25	7.7
16	23	28	48	90	90	4200	147	35	830	38	23	6.3
17	23	28	66	81	556	2460	130	33	393	34	22	5.1
18	24	30	107	76	664	589	106	30	236	31	20	4.6
19	22	46	94	77	353	349	95	28	176	30	20	4.4
20	23	109	81	240	215	1160	90	34	141	28	20	4.3
21	22	80	73	254	170	2080	86	44	116	28	19	4.7
22	22	50	68	169	784	1450	84	47	100	26	17	4.8
23	22	37	64	132	1390	595	82	48	109	24	17	4.7
24	22	31	60	113	782	357	76	45	118	25	14	7.2
25	23	161	58	99	344	285	80	42	91	41	14	14
26	24	333	55	88	270	241	84	46	77	259	15	12
27	23	183	54	82	220	203	76	41	87	376	13	9.6
28	23	111	58	76	182	177	69	35	226	137	12	7.3
29	24	83	72	72	---	628	65	436	218	154	11	6.9
30	25	70	72	92	---	1990	62	714	108	222	10	6.3
31	25	---	61	131	---	1260	---	639	---	152	9.7	---
TOTAL	936	1793	1847	3082	7235	29063	4606	3009	28532	2971	967.7	329.7
MEAN	30.2	59.8	59.6	99.4	258	938	154	97.1	951	95.8	31.2	11.0
MAX	79	333	107	254	1390	4200	448	714	12600	376	104	22
MIN	22	23	45	50	60	141	62	28	65	24	9.7	4.3
CFSM	0.10	0.20	0.20	0.34	0.88	3.21	0.53	0.33	3.26	0.33	0.11	0.04
IN.	0.12	0.23	0.24	0.39	0.92	3.70	0.59	0.38	3.63	0.38	0.12	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2001, BY WATER YEAR (WY)

MEAN	146	138	234	411	549	640	374	254	154	98.6	85.5	71.4
MAX	834	1037	1096	1123	1419	1939	1273	997	951	514	616	305
(WY)	1990	1993	1965	1960	1995	1952	1961	1964	2001	1967	1994	2000
MIN	0.44	12.8	33.7	47.8	150	129	69.8	21.4	5.50	2.85	10.7	1.72
(WY)	1955	1955	2000	1956	1950	1955	2000	2000	2000	2000	1954	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1950 - 2001	
ANNUAL TOTAL	44532.19		84371.4			
ANNUAL MEAN	122		231		258	
HIGHEST ANNUAL MEAN					500	1964
LOWEST ANNUAL MEAN					107	1954
HIGHEST DAILY MEAN	2840	Sep 24	12600	Jun 13	13400	Mar 3 1971
LOWEST DAILY MEAN	0.63	Aug 20	4.3	Sep 20	0.32	Oct 12 1954
ANNUAL SEVEN-DAY MINIMUM	0.95	Aug 14	4.7	Sep 17	0.33	Oct 11 1954
MAXIMUM PEAK FLOW			14100	Jun 13	15500	Mar 3 1971
MAXIMUM PEAK STAGE			28.38	Jun 13	28.38	Jun 13 2001
INSTANTANEOUS LOW FLOW			4.1	Sep 20	0.32	Oct 12 1954
ANNUAL RUNOFF (CFSM)	0.42		0.79		0.88	
ANNUAL RUNOFF (INCHES)	5.67		10.75		12.00	
10 PERCENT EXCEEDS	184		352		501	
50 PERCENT EXCEEDS	36		62		97	
90 PERCENT EXCEEDS	3.3		20		25	

STATION NUMBER 02193500 LITTLE RIVER NEAR WASHINGTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 317
LATITUDE 333646 LONGITUDE 0824433 NAD83 DRAINAGE AREA 292.00 CONTRIBUTING DRAINAGE AREA 292.00* DATUM 353.88 NGVD29
Date Processed: 2003-03-10 14:12 By acday
APPROVED
DD #4, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.67	3.75	4.11	4.12	4.65	4.74	---	4.60	3.98	3.74	3.23	4.21
2	3.66	3.70	4.14	4.13	4.62	5.65	8.54	4.67	3.92	3.68	3.60	3.84
3	3.64	3.69	4.07	4.24	4.55	10.19	6.85	4.65	3.87	3.98	3.36	3.67
4	3.63	3.67	4.03	4.35	4.51	10.35	6.31	4.77	3.82	4.18	3.22	3.55
5	3.61	3.64	4.00	4.36	4.47	7.37	5.98	5.17	3.79	3.85	3.16	3.46
6	3.56	3.69	4.01	4.52	4.89	6.43	5.75	5.04	3.96	3.75	3.22	3.45
7	3.55	3.74	4.05	4.81	10.86	6.08	5.58	4.81	4.31	3.65	3.41	3.40
8	3.57	3.76	4.07	4.85	10.06	5.84	5.45	4.66	4.33	3.54	3.48	3.39
9	3.54	3.76	4.06	4.64	7.72	5.68	5.40	4.56	4.22	3.44	3.54	3.36
10	3.51	3.76	4.11	4.47	6.40	5.63	5.72	4.48	4.02	3.38	3.58	3.35
11	3.52	3.77	4.47	4.39	6.00	5.54	5.69	4.59	3.89	3.36	3.59	3.34
12	3.53	3.79	4.68	4.34	5.73	5.48	5.55	4.57	3.81	3.72	3.59	3.30
13	3.54	3.90	4.61	4.49	5.53	6.35	5.91	4.51	3.74	3.64	3.58	3.30
14	3.55	3.84	4.44	4.60	5.38	6.80	6.75	4.78	3.70	3.66	3.61	3.71
15	3.56	3.88	4.33	4.56	5.28	6.14	6.36	4.74	3.68	3.64	3.66	4.90
16	3.55	3.87	4.24	4.46	5.20	5.81	5.86	4.53	3.67	3.58	3.78	4.14
17	3.53	3.89	4.19	4.38	5.12	5.65	5.59	4.40	3.67	3.58	3.72	3.86
18	3.52	3.89	4.35	4.33	5.04	5.53	5.42	4.60	3.66	3.50	3.72	3.83
19	3.51	3.92	4.48	4.37	4.97	5.41	5.30	4.84	3.65	3.40	3.86	3.96
20	3.51	3.94	4.55	5.21	4.97	5.33	5.19	4.70	3.65	3.33	3.83	3.86
21	3.51	3.96	4.40	5.59	5.05	5.97	5.10	4.49	3.64	3.29	3.80	3.79
22	3.52	3.97	4.28	5.19	5.03	6.96	5.00	4.38	3.63	3.32	3.79	4.14
23	3.52	4.00	4.21	4.99	4.98	6.17	4.92	4.32	3.62	3.60	3.79	4.33
24	3.74	4.14	4.19	5.07	4.92	5.78	4.84	4.27	3.62	3.79	3.78	3.94
25	3.69	4.31	4.20	5.38	4.87	5.58	4.82	4.23	3.61	3.50	3.81	3.79
26	3.57	4.32	4.18	5.83	4.86	5.49	4.81	4.27	3.68	3.44	3.95	3.85
27	3.50	4.29	4.19	5.44	4.83	5.94	4.76	4.18	3.70	3.42	3.49	4.38
28	3.49	4.18	4.18	5.08	4.79	6.04	4.72	4.07	3.80	3.35	4.90	4.45
29	3.47	4.11	4.17	4.91	---	5.63	4.67	4.04	3.73	3.29	3.97	4.17
30	3.47	4.09	4.18	4.79	---	5.59	4.59	4.01	3.72	3.23	5.88	4.02
31	3.55	---	4.12	4.71	---	10.50	---	4.11	---	3.18	4.90	---
MEAN	3.56	3.91	4.24	4.73	5.55	6.31	---	4.52	3.80	3.55	3.77	3.82
MAX	3.74	4.32	4.68	5.83	10.86	10.50	---	5.17	4.33	4.18	5.88	4.90
MIN	3.47	3.64	4.00	4.12	4.47	4.74	---	4.01	3.61	3.18	3.16	3.30

STATION NUMBER 02193500 LITTLE RIVER NEAR WASHINGTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 317
LATITUDE 333646 LONGITUDE 0824433 NAD83 DRAINAGE AREA 292.00 CONTRIBUTING DRAINAGE AREA 292.00* DATUM 353.88 NGVD29
Date Processed: 2003-03-10 14:12 By acday
APPROVED
DD #14, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.56	0.00
2	0.00	0.00	0.00	0.00	0.00	1.54	0.00	0.00	0.00	0.20	0.13	0.00
3	0.02	0.00	0.00	0.00	0.01	0.56	0.00	0.11	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.62	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
6	0.06	0.00	0.00	0.63	2.47	0.00	0.00	0.00	0.80	0.00	0.00	0.00
7	0.00	0.00	0.00	0.01	0.31	0.00	0.00	0.00	0.01	0.00	0.11	0.00
8	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.19	0.78	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.77	0.00	0.00	0.01	0.07	0.39	0.00	0.09	0.00	0.00
11	0.00	0.00	0.16	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00
12	0.00	0.00	0.00	0.42	0.00	0.99	0.24	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.02	0.00	0.00	0.00	0.24	0.53	---	0.60	0.00	1.12
14	0.26	0.00	0.01	0.00	0.00	0.00	0.01	0.00	---	0.00	0.01	2.26
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	1.83	0.13
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
17	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.04	---	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	---	0.00	0.17	0.56
19	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	---	0.00	0.01	0.24
20	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	---	0.19	0.00	0.01
21	0.00	0.00	0.00	0.12	0.00	0.70	0.00	0.00	---	0.25	0.00	---
22	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.13	0.20	0.05	---
23	0.00	0.34	0.08	0.28	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
24	0.00	0.00	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.05	0.00	0.44	0.00	0.00	0.23	0.00	0.06	0.00	0.58	---
26	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.13	0.00	0.53	---
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	2.48	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.18	0.00
30	0.00	0.01	0.00	0.00	---	0.90	0.11	0.87	0.00	0.00	2.21	0.00
31	0.00	---	0.00	0.00	---	0.79	---	0.02	---	0.23	0.08	---
TOTAL	0.34	0.40	1.48	3.02	2.95	6.01	1.69	3.63	---	1.78	8.93	---

SAVANNAH RIVER BASIN
2002 Water Year

02194500 CLARKS HILL LAKE NEAR CLARKS HILL, SC

LOCATION.—Lat 33°39'40", long 82°12'00" referenced to North American Datum (NGVD) of 1927, Columbia County, GA-McCormick County, SC, Hydrologic Unit 03060103, in left spillway elevator tower of dam on Savannah River, 1.6 miles west of Clarks Hill, SC, 3.7 miles upstream from Kiokee Creek, and at mile 237.7.

REMARKS.—Water levels and lake contents are collected by the U.S. Army Corps of Engineers, Savannah District. Please see the following Internet location for more information:

http://www.sas.usace.army.mil/hydrodat.htm

SAVANNAH RIVER BASIN
2002 Water Year

02195150 KIOKEE CREEK AT US 221, AT APPLING, GA

LOCATION.—Lat 33°32'33", long 82°18'56" referenced to North American Datum (NAD) of 1927, Columbia County, Hydrologic Unit 03060106, at US 221, at Appling.

DRAINAGE AREA.—43.9 mi².

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—December 7, 1983 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 225.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--

STAGE: 15.53 feet, October 12, 1990
DISCHARGE: 11,500 ft³/s, October 12, 1990

MAXIMUM FOR CURRENT YEAR.--

STAGE: <9.17 feet, Not determined, peak below bottom of gage
DISCHARGE: <758 ft³/s, Not determined, peak below bottom of gage

02196820 BUTLER CREEK AT US 78, AT FORT GORDON, GA

LOCATION.-- Lat 33° 26' 35", long 82° 07' 45" referenced to North American Datum (NAD) of 1927, Richmond County, Hydrologic Unit 03060106, 600.00 feet upstream of US 78/278, 0.30 miles downstream of Polar Bridge Creek.

DRAINAGE AREA.—7.50 mi^2.

COOPERATION.—U.S. Army, Fort Gordon.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—October 1968 to January 1991. February 10, 1999 to current year.

GAGE.—Standard USGS reference mark. Datum of gage is 270.58 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). From October, 1968 to January, 1991, was operated as a continuous gage.

RATING.--None.

REMARKS.--Records fair. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
11/07/01	0.48	1.25
12/04/01	0.43	2.41
06/17/02	0.08	0.25

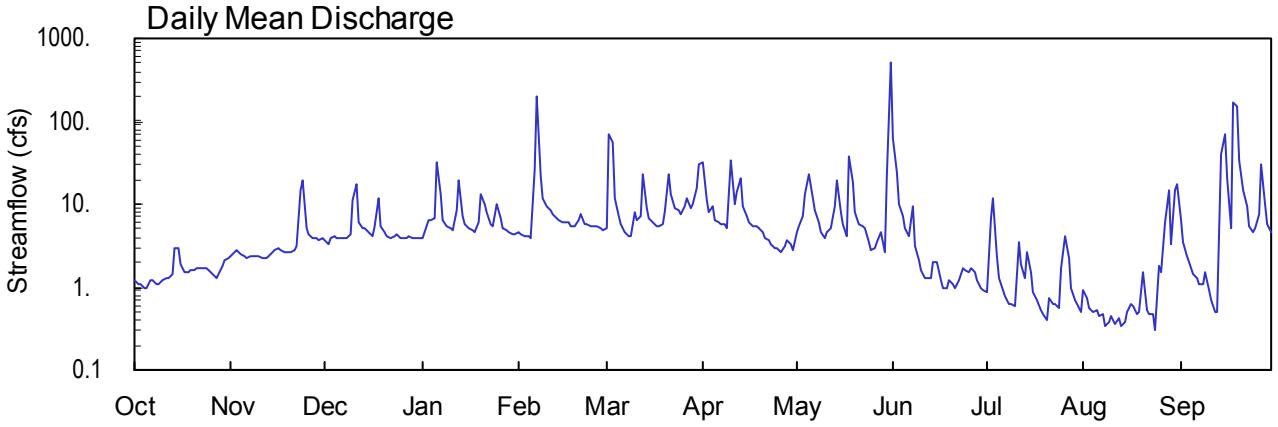
SAVANNAH RIVER BASIN

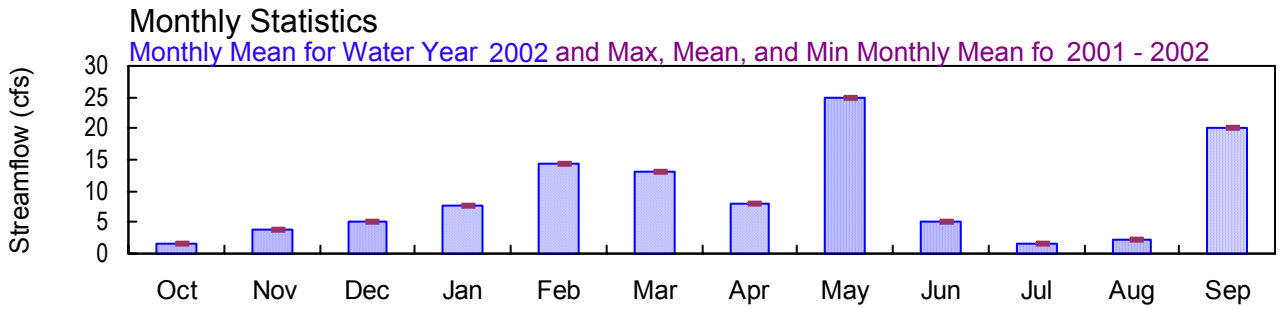
2002 Water Year

02196835 BUTLER CREEK BELOW 7TH AVENUE, AT FT. GORDON, GA

Latitude: 33°26'19" Longitude: 82°06'58" Hydrologic Unit Code: 03060106 Richmond County

Drainage Area: 7.9 mi^2 Datum: 260.00 feet





SAVANNAH RIVER BASIN
2002 Water Year

02196835 BUTLER CREEK BELOW 7TH AVENUE, AT FORT GORDON, GA

LOCATION.—Lat 33°26'17", long 82°07'05" referenced to North American Datum (NAD) of 1927, Richmond County, Hydrologic Unit 03060106, 0.25 miles upstream of 7th Avenue, 1.0 mile upstream from Butler Creek Reservoir on Fort Gordon.

DRAINAGE AREA.—7.90 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 27, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 260.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 27, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 260.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.94 feet, May 31; minimum gage-height recorded, 1.84 feet, August 24, 25.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 27, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02196835 BUTLER CREEK BELOW 7TH AVENUE, AT FT. GORDON, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332619 LONGITUDE 0820658 NAD83 DRAINAGE AREA 7.90* CONTRIBUTING DRAINAGE AREA DATUM 260 NGVD29
Date Processed: 2003-03-10 14:33 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	2.3	e3.6	3.9	4.7	5.0	32	4.6	63	0.87	0.92	6.4
2	1.1	2.6	e3.3	4.6	4.3	e70	11	5.4	24	6.9	0.73	3.4
3	1.1	2.8	e3.9	6.5	4.1	56	7.9	7.1	9.8	12	0.56	2.4
4	1.0	2.5	e4.2	6.5	4.1	12	9.6	13	7.0	2.4	0.50	2.0
5	1.0	2.4	4.0	6.6	3.9	7.2	6.4	23	5.2	1.3	0.53	1.4
6	1.2	2.2	3.8	32	e25	5.6	6.0	12	4.1	0.94	0.45	1.3
7	1.2	e2.4	3.8	13	e200	4.7	5.8	8.6	9.6	0.78	0.46	1.1
8	1.1	e2.4	4.0	6.5	22	4.2	5.8	6.1	3.2	0.63	0.33	1.1
9	1.1	e2.4	4.4	5.4	12	4.1	5.2	4.6	2.1	0.61	0.37	1.5
10	1.2	e2.4	11	5.0	9.3	7.8	33	4.0	1.6	0.59	0.44	0.90
11	1.3	e2.2	17	4.8	8.4	6.3	10	4.5	1.3	3.4	0.35	0.68
12	1.3	e2.2	6.2	8.7	7.4	7.3	14	5.0	1.3	1.9	0.43	0.51
13	1.4	e2.4	5.2	20	6.9	23	21	9.6	1.3	1.3	0.33	0.49
14	2.9	e2.6	5.0	7.2	6.4	9.2	9.4	20	2.0	2.7	0.37	e40
15	3.0	e2.8	4.7	5.8	6.2	6.6	7.1	8.0	2.0	1.5	0.49	e70
16	1.9	e3.0	4.2	5.0	6.2	6.0	6.0	5.7	1.2	0.89	0.61	21
17	1.5	e2.8	5.4	4.8	6.1	5.3	5.5	4.1	1.0	0.71	0.59	5.0
18	1.5	e2.7	12	4.7	5.4	5.5	5.5	37	0.97	0.54	0.47	e165
19	1.6	e2.6	5.5	6.0	5.3	5.7	5.1	18	1.2	0.48	0.51	e150
20	1.6	e2.7	4.5	13	6.5	8.1	4.5	7.8	1.1	0.39	1.5	33
21	1.7	e2.8	4.1	10	7.4	23	3.9	5.8	1.00	0.73	0.54	15
22	1.7	e3.2	4.0	7.9	5.9	13	3.7	5.5	1.2	0.63	0.46	9.7
23	1.7	e15	4.2	5.8	5.6	9.2	3.3	5.0	1.7	0.61	0.46	5.5
24	1.7	e19	4.3	5.5	5.4	8.4	3.0	3.5	1.6	0.57	0.31	4.6
25	1.6	e5.0	3.9	10	5.3	7.5	3.0	2.8	1.5	1.7	1.8	5.0
26	1.4	e4.4	4.0	6.7	5.3	9.4	2.7	3.0	1.7	4.2	1.5	7.6
27	1.3	e4.0	4.0	5.1	5.1	12	3.2	3.5	1.5	2.2	6.0	30
28	1.4	e3.8	4.1	4.8	4.9	9.1	3.7	4.5	1.2	1.0	15	10
29	1.8	e3.6	4.0	4.6	---	9.8	3.3	2.7	1.0	0.68	3.3	5.9
30	2.1	e3.8	3.9	4.4	---	16	2.8	e22	0.90	0.62	15	4.6
31	2.2	---	3.9	4.4	---	30	---	e510	---	0.51	17	---
TOTAL	47.8	115.0	160.1	239.2	399.1	407.0	243.4	776.4	156.27	54.28	72.31	605.08
MEAN	1.54	3.83	5.16	7.72	14.3	13.1	8.11	25.0	5.21	1.75	2.33	20.2
MAX	3.0	19	17	32	200	70	33	510	63	12	17	165
MIN	1.0	2.2	3.3	3.9	3.9	4.1	2.7	2.7	0.90	0.39	0.31	0.49
MED	1.4	2.7	4.1	5.8	6.0	8.1	5.7	5.7	1.6	0.87	0.51	5.0
AC-FT	95	228	318	474	792	807	483	1540	310	108	143	1200
CFSM	0.20	0.49	0.65	0.98	1.80	1.66	1.03	3.17	0.66	0.22	0.30	2.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	1.54	3.83	5.16	7.72	14.3	13.1	8.11	25.0	5.21	1.75	2.33	20.2
MAX	1.54	3.83	5.16	7.72	14.3	13.1	8.11	25.0	5.21	1.75	2.33	20.2
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	1.54	3.83	5.16	7.72	14.3	13.1	8.11	25.0	5.21	1.75	2.33	20.2
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	3275.94			
ANNUAL MEAN	8.98		8.98	
HIGHEST ANNUAL MEAN			8.98	2002
LOWEST ANNUAL MEAN			8.98	2002
HIGHEST DAILY MEAN	510	May 31	1760	Mar 29 2001
LOWEST DAILY MEAN	0.31	Aug 24	0.08	Mar 30 2001
ANNUAL SEVEN-DAY MINIMUM	0.37	Aug 8	0.37	Aug 8 2002
MAXIMUM PEAK STAGE	5.94	May 31	5.94	May 31 2002
ANNUAL RUNOFF (AC-FT)	6500		6500	
ANNUAL RUNOFF (CFSM)	1.14		1.14	
10 PERCENT EXCEEDS	14		14	
50 PERCENT EXCEEDS	4.1		4.1	
90 PERCENT EXCEEDS	0.70		0.70	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02196835 BUTLER CREEK BELOW 7TH AVENUE, AT FT. GORDON, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332619 LONGITUDE 0820658 NAD83 DRAINAGE AREA 7.90* CONTRIBUTING DRAINAGE AREA DATUM 260 NGVD29
Date Processed: 2003-03-10 14:33 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	0.08	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	633	---	---	---	---	---	---
29	---	---	---	---	---	1760	---	---	---	---	---	---
30	---	---	---	---	---	0.08	---	---	---	---	---	---
31	---	---	---	---	---	15	---	---	---	---	---	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
MED	---	---	---	---	---	---	---	---	---	---	---	---
AC-FT	---	---	---	---	---	---	---	---	---	---	---	---
CFSM	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02196835 BUTLER CREEK BELOW 7TH AVENUE, AT FT. GORDON, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332619 LONGITUDE 0820658 NAD83 DRAINAGE AREA 7.90* CONTRIBUTING DRAINAGE AREA DATUM 260 NGVD29
Date Processed: 2003-03-10 14:38 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.91	2.01	2.84	2.07	2.10	2.08	2.74	2.12	3.05	1.99	1.97	2.29
2	1.90	2.03	2.85	2.10	2.09	3.11	2.34	2.16	2.67	2.18	1.94	2.16
3	1.90	2.04	2.84	2.18	2.08	2.96	2.25	2.21	2.43	2.44	1.92	2.10
4	1.89	2.02	2.61	2.18	2.08	2.37	2.30	2.38	2.35	2.12	1.90	2.07
5	1.89	2.01	2.07	2.18	2.07	2.23	2.20	2.59	2.29	2.03	1.91	2.02
6	1.91	2.00	2.07	2.66	2.57	2.17	2.19	2.36	2.24	1.99	1.90	2.01
7	1.91	2.01	2.07	2.36	3.81	2.14	2.18	2.27	2.40	1.97	1.90	1.99
8	1.91	2.05	2.07	2.18	2.53	2.11	2.18	2.19	2.19	1.95	1.87	1.99
9	1.90	2.08	2.09	2.13	2.29	2.11	2.16	2.13	2.12	1.94	1.87	2.03
10	1.91	2.09	2.25	2.12	2.23	2.25	2.69	2.11	2.08	1.94	1.88	1.98
11	1.92	2.21	2.43	2.11	2.20	2.20	2.32	2.12	2.05	2.08	1.86	1.94
12	1.92	2.27	2.16	2.21	2.17	2.23	2.38	2.15	---	2.07	1.88	1.92
13	1.93	2.34	2.13	2.50	2.15	2.59	2.54	2.22	2.05	2.02	1.86	1.91
14	2.03	2.27	2.12	2.20	2.13	2.29	2.30	2.52	2.09	2.13	1.87	2.52
15	2.05	2.49	2.10	2.15	2.13	2.21	2.23	2.25	2.11	2.04	1.89	3.14
16	1.98	2.52	2.09	2.12	2.13	2.19	2.19	2.18	2.04	1.98	1.91	2.59
17	1.94	2.56	2.12	2.11	2.12	2.16	2.17	2.11	2.02	1.95	1.91	2.25
18	1.94	2.66	2.34	2.10	2.09	2.16	2.17	2.64	2.01	1.92	1.89	3.66
19	1.95	2.71	2.14	2.15	2.09	2.17	2.15	2.48	2.03	1.91	1.90	3.60
20	1.95	2.73	2.10	2.36	2.13	2.26	2.13	2.25	2.02	1.89	2.01	2.82
21	1.96	2.78	2.08	2.28	2.17	2.58	2.10	2.18	2.01	1.94	1.90	2.54
22	1.96	2.78	2.07	2.22	2.12	2.39	2.09	2.17	2.03	---	1.89	2.40
23	1.96	2.94	2.08	2.15	2.10	2.29	2.07	2.15	2.08	---	1.89	2.27
24	1.96	2.98	2.09	2.14	2.09	2.27	2.05	2.08	2.07	1.93	1.86	2.23
25	1.95	2.60	2.07	2.29	2.09	2.24	2.05	2.04	2.06	2.04	1.99	2.25
26	1.93	2.53	2.08	2.18	2.09	2.29	2.03	2.05	2.08	2.21	2.03	2.34
27	1.92	2.52	2.07	2.12	2.08	2.36	2.06	2.07	2.06	2.09	2.15	2.73
28	1.93	2.63	2.08	2.11	2.08	2.29	2.09	2.12	2.03	1.98	2.48	2.41
29	1.97	2.70	2.08	2.10	---	2.31	2.07	2.03	2.01	1.94	2.15	2.29
30	1.99	2.78	2.07	2.09	---	2.45	2.04	2.61	2.00	1.92	2.53	2.24
31	2.00	---	2.07	2.09	---	2.64	---	4.66	---	1.91	2.57	---
MEAN	1.94	2.41	2.20	2.19	2.21	2.33	2.22	2.31	---	---	1.98	2.36
MAX	2.05	2.98	2.85	2.66	3.81	3.11	2.74	4.66	---	---	2.57	3.66
MIN	1.89	2.00	2.07	2.07	2.07	2.08	2.03	2.03	---	---	1.86	1.91

STATION NUMBER 02196835 BUTLER CREEK BELOW 7TH AVENUE, AT FT. GORDON, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332619 LONGITUDE 0820658 NAD83 DRAINAGE AREA 7.90* CONTRIBUTING DRAINAGE AREA DATUM 260 NGVD29
Date Processed: 2003-03-10 14:33 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	2.52	2.10	2.43	2.06	1.94	2.00
2	---	---	---	---	---	---	2.38	2.08	2.32	2.25	1.92	1.97
3	---	---	---	---	---	---	2.53	2.06	2.19	2.61	1.91	2.07
4	---	---	---	---	---	---	2.51	2.05	2.50	2.47	1.91	2.43
5	---	---	---	---	---	---	2.39	2.03	2.13	2.40	1.95	2.26
6	---	---	---	---	---	---	2.36	2.06	2.32	2.13	1.95	2.07
7	---	---	---	---	---	---	2.33	2.87	2.25	2.06	1.93	1.99
8	---	---	---	---	---	---	2.30	2.18	2.17	2.05	1.91	1.96
9	---	---	---	---	---	---	2.28	2.10	2.10	2.22	1.89	1.95
10	---	---	---	---	---	---	2.26	2.09	2.07	2.11	1.89	1.95
11	---	---	---	---	---	---	2.24	2.10	2.04	2.05	1.88	1.97
12	---	---	---	---	---	---	2.23	2.17	2.42	2.01	1.87	1.96
13	---	---	---	---	---	---	2.22	2.37	4.49	2.00	1.89	1.93
14	---	---	---	---	---	---	2.23	2.11	3.40	2.01	1.91	1.92
15	---	---	---	---	---	---	2.42	2.04	2.58	1.98	1.90	1.90
16	---	---	---	---	---	---	2.40	2.01	2.34	1.97	1.88	1.89
17	---	---	---	---	---	---	2.23	1.98	2.20	1.96	1.88	1.89
18	---	---	---	---	---	---	2.19	1.97	2.14	1.94	2.09	1.89
19	---	---	---	---	---	---	2.19	1.95	2.11	1.93	2.18	1.89
20	---	---	---	---	---	---	2.18	2.02	2.09	1.94	2.08	1.91
21	---	---	---	---	---	---	2.17	2.04	2.08	1.94	1.97	1.92
22	---	---	---	---	---	---	2.16	2.02	2.06	1.93	1.93	1.92
23	---	---	---	---	---	---	2.15	2.07	2.12	1.92	1.90	1.91
24	---	---	---	---	---	---	2.14	2.00	2.09	1.99	1.89	2.02
25	---	---	---	---	---	---	2.23	1.96	2.04	2.05	1.88	2.03
26	---	---	---	---	---	---	2.21	1.96	2.05	2.06	1.88	1.98
27	---	---	---	---	---	---	2.15	1.95	2.06	---	1.88	1.96
28	---	---	---	---	---	2.31	2.12	1.96	2.07	2.11	1.86	1.94
29	---	---	---	---	---	3.51	2.09	3.77	2.06	2.07	1.86	1.92
30	---	---	---	---	---	3.17	2.10	2.46	2.05	2.02	1.87	1.91
31	---	---	---	---	---	2.65	---	2.24	---	1.98	1.88	---
MEAN	---	---	---	---	---	---	2.26	2.15	2.30	---	1.92	1.98
MAX	---	---	---	---	---	---	2.53	3.77	4.49	---	2.18	2.43
MIN	---	---	---	---	---	---	2.09	1.95	2.04	---	1.86	1.89

STATION NUMBER 02196835 BUTLER CREEK BELOW 7TH AVENUE, AT FT. GORDON, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332619 LONGITUDE 0820658 NAD83 DRAINAGE AREA 7.90* CONTRIBUTING DRAINAGE AREA DATUM 260 NGVD29
Date Processed: 2003-03-10 14:38 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.17	0.02
2	0.00	0.00	0.00	0.00	0.00	1.45	0.00	0.00	0.00	0.55	0.00	0.00
3	0.00	0.00	0.00	0.02	0.00	0.27	0.00	0.25	0.10	0.14	0.00	0.00
4	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.02	0.00	0.00	0.60	2.07	0.00	0.00	0.00	0.29	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.15	0.00	0.00
10	0.00	0.00	0.66	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
12	0.00	0.00	0.01	0.65	0.00	0.36	0.51	0.00	0.01	0.00	0.00	0.00
13	0.00	0.00	0.02	0.00	0.00	0.01	0.04	0.62	0.00	0.16	0.00	0.01
14	0.33	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.29	0.03	0.00	1.56
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.41
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.08	2.36
19	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00
20	0.00	0.00	0.00	0.01	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.25	0.00	0.44	0.00	0.00	0.00	0.51	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.00	0.00
23	0.00	1.13	0.00	0.01	0.00	0.00	0.00	0.00	0.16	0.01	0.00	0.00
24	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.00
25	0.00	0.05	0.00	0.23	0.00	0.00	0.04	0.00	0.03	0.25	0.37	0.12
26	0.00	0.01	0.00	0.00	0.00	0.27	0.00	0.00	0.02	0.06	0.02	0.53
27	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	1.26	0.10
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.28	0.06	2.49	0.00	0.00	1.38	0.00
31	0.00	---	0.00	0.04	---	0.52	---	0.00	---	0.09	0.10	---
TOTAL	0.35	1.19	1.10	2.92	2.48	3.76	1.49	4.86	0.98	3.05	3.67	5.11

STATION NUMBER 02196835 BUTLER CREEK BELOW 7TH AVENUE, AT FT. GORDON, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332619 LONGITUDE 0820658 NAD83 DRAINAGE AREA 7.90* CONTRIBUTING DRAINAGE AREA DATUM 260 NGVD29
Date Processed: 2003-03-10 14:38 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	0.0	0.0	0.63	0.0	0.0	0.17
2	---	---	---	---	---	---	0.0	0.0	0.01	0.25	0.0	0.0
3	---	---	---	---	---	---	0.32	0.0	0.68	0.35	0.0	0.32
4	---	---	---	---	---	---	0.0	0.0	0.0	0.63	0.0	0.85
5	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
6	---	---	---	---	---	---	0.0	1.45	0.97	0.0	0.0	0.0
7	---	---	---	---	---	---	0.0	0.05	0.02	0.0	0.0	0.0
8	---	---	---	---	---	---	0.0	0.0	0.09	0.36	0.0	0.0
9	---	---	---	---	---	---	0.0	0.0	0.0	0.01	0.02	0.0
10	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.04
11	---	---	---	---	---	---	0.0	0.03	0.0	0.0	0.0	0.10
12	---	---	---	---	---	---	0.0	0.50	1.42	0.0	0.0	0.0
13	---	---	---	---	---	---	0.03	0.0	3.08	0.0	0.21	0.0
14	---	---	---	---	---	---	0.0	0.0	0.01	0.0	0.0	0.0
15	---	---	---	---	---	---	0.48	0.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	---	0.0	0.0	0.09	0.0	0.0	0.0
17	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	---	0.0	0.0	0.0	0.0	1.36	0.0
19	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.27	0.0
20	---	---	---	---	---	---	0.0	0.48	0.0	0.0	0.0	0.06
21	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
22	---	---	---	---	---	---	0.0	0.13	0.01	0.0	0.0	0.0
23	---	---	---	---	---	---	0.0	0.0	0.01	0.03	0.0	0.09
24	---	---	---	---	---	---	0.0	0.0	0.0	0.17	0.0	0.28
25	---	---	---	---	---	---	0.25	0.01	0.0	0.08	0.0	0.0
26	---	---	---	---	---	---	0.0	0.02	0.0	0.01	0.0	0.0
27	---	---	---	---	---	---	0.0	0.01	0.02	---	0.0	0.0
28	---	---	---	---	---	0.0	0.0	0.24	0.02	0.0	0.0	0.0
29	---	---	---	---	---	1.69	0.0	2.65	0.29	0.04	0.0	0.0
30	---	---	---	---	---	0.0	0.0	0.0	0.02	0.0	0.0	0.0
31	---	---	---	---	---	0.0	---	0.0	---	0.0	0.0	---
TOTAL	---	---	---	---	---	---	1.08	5.57	7.37	---	1.86	1.91

SAVANNAH RIVER BASIN
2002 Water Year

02196838 BUTLER CREEK RESERVOIR AT FOR GORDON, GA

LOCATION.—Lat 33°25'33", long 82°05'57" referenced to North American Datum (NGVD) of 1927, Richmond County, Hydrologic Unit 03060106, on dam, 1.1 miles southeast of US 78/278, 0.65 miles upstream of Lombard Mill Pond at Fort Gordon.

DRAINAGE AREA.—577 mi^2, approximately.

COOPERATION.—U. S. Department of Army, Fort Gordon.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 19, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 250.00 feet above National Geodetic Vertical Datum (NGVD) (from topographic map).

REMARKS.--Records good.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height recorded, 29.55 feet, August 23-28; minimum gage-height recorded, 21.87 feet, August 22.

PRECIPITATION RECORDS

PERIOD OF RECORD.—November 19, 2001 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02196838 BUTLER CREEK RESERVOIR AT FORT GORDON, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332533 LONGITUDE 0820557 NAD83 DATUM 250.00 NGVD29
Date Processed: 2003-03-08 10:39 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	25.43	27.42	27.45	27.43	27.71	27.18	27.91	25.94	24.64	22.97
2	---	---	25.49	---	27.45	27.70	27.61	27.20	27.61	25.85	24.55	22.99
3	---	---	25.53	27.48	27.44	28.04	27.52	27.19	27.49	25.97	24.47	22.97
4	---	---	25.57	27.49	27.44	27.75	27.48	27.24	27.44	25.95	24.38	22.93
5	---	---	25.60	27.49	27.42	27.60	27.46	27.39	27.37	25.86	24.28	22.88
6	---	---	25.63	27.60	27.54	27.55	27.43	27.42	27.32	25.78	24.14	22.82
7	---	---	25.65	27.65	28.30	27.52	27.42	27.38	27.36	25.72	23.99	22.74
8	---	---	25.71	27.55	27.88	27.51	27.41	27.35	27.34	25.63	23.83	22.67
9	---	---	25.75	27.50	27.66	27.50	27.42	27.31	27.29	25.53	23.66	22.60
10	---	---	25.81	27.46	27.58	27.52	27.62	27.27	27.24	25.56	23.50	22.53
11	---	---	26.15	27.44	27.53	27.51	27.61	27.23	27.18	25.60	23.35	22.44
12	---	---	26.29	27.45	27.52	27.51	27.58	27.19	27.07	25.90	23.19	22.34
13	---	---	26.36	27.62	27.50	27.64	27.66	27.18	26.95	25.87	23.03	22.20
14	---	---	26.45	27.57	27.49	27.61	27.59	27.38	26.88	25.88	22.91	22.28
15	---	---	26.53	27.51	---	27.56	27.51	27.38	26.86	25.86	22.78	23.34
16	---	---	26.57	27.48	---	27.52	27.47	27.34	26.79	25.81	22.64	23.92
17	---	---	26.64	27.46	---	27.52	27.45	27.30	26.72	25.70	22.49	24.08
18	---	---	26.84	27.46	27.46	27.50	27.43	27.44	26.66	25.58	22.38	25.14
19	---	---	---	27.46	27.45	27.48	27.41	27.61	26.59	25.49	22.31	28.06
20	---	24.11	27.04	27.57	27.47	27.47	27.37	27.48	26.53	25.38	22.25	27.79
21	---	24.12	27.10	27.58	27.50	27.57	27.36	27.40	26.46	25.32	22.11	27.62
22	---	24.15	27.16	27.57	27.49	27.60	27.34	27.35	26.39	25.34	21.95	27.53
23	---	24.26	27.23	27.52	27.47	27.51	27.30	27.30	26.36	25.28	---	27.46
24	---	24.84	27.30	27.50	27.46	27.47	27.27	27.27	26.33	25.22	---	27.41
25	---	25.09	27.35	27.54	27.45	27.46	27.26	27.22	26.29	25.16	---	27.39
26	---	25.19	27.38	27.53	27.45	27.48	27.24	27.18	26.25	25.17	---	27.40
27	---	25.27	27.39	27.50	27.44	27.53	27.21	27.12	26.20	25.16	---	27.59
28	---	25.30	27.39	27.47	27.43	27.50	27.22	27.08	26.13	25.07	---	27.57
29	---	25.33	27.39	27.46	---	27.47	27.21	27.03	26.07	25.00	22.09	27.49
30	---	25.37	27.39	27.46	---	27.51	27.18	27.10	26.01	24.91	22.32	27.43
31	---	---	27.41	27.45	---	27.58	---	28.92	---	24.77	22.83	---
MEAN	---	---	---	---	---	27.55	27.43	27.34	26.84	25.52	---	24.82
MAX	---	---	---	---	---	28.04	27.71	28.92	27.91	25.97	---	28.06
MIN	---	---	---	---	---	27.43	27.18	27.03	26.01	24.77	---	22.20

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02196838 BUTLER CREEK RESERVOIR AT FORT GORDON, GA LAKE SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332533 LONGITUDE 0820557 NAD83 DATUM 250.00 NGVD29
Date Processed: 2003-03-08 10:41 By bemccall
APPROVED
DD #2, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.09	0.02
2	---	---	0.00	0.00	0.00	1.77	0.00	0.00	0.00	0.08	0.00	0.00
3	---	---	0.00	0.01	0.00	0.44	0.00	0.08	0.00	0.10	0.00	0.00
4	---	---	0.00	0.25	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
5	---	---	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	0.00	0.54	2.45	0.00	0.00	0.01	0.00	0.02	0.01	0.00
7	---	---	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	---	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.14	0.00	0.00
10	---	---	0.64	0.00	0.01	0.00	0.36	0.00	0.00	0.00	0.00	0.00
11	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00
12	---	---	0.00	0.68	0.00	0.53	0.29	0.00	0.03	0.00	0.00	0.00
13	---	---	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.06	0.00	0.01
14	---	---	0.01	0.03	0.00	0.00	0.00	0.01	0.04	0.03	0.00	0.71
15	---	---	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.01	0.26
16	---	---	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	0.32	0.00	---	0.03	0.10	0.00	0.00	0.00	0.00	0.00
18	---	---	---	0.00	---	0.00	0.01	0.00	0.00	0.00	0.05	1.10
19	---	---	---	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.01
20	---	0.00	---	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	---	0.00	0.00	0.23	0.00	0.54	0.00	0.00	0.00	0.21	0.00	0.00
22	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00
23	---	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
24	---	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
25	---	0.05	0.00	0.22	0.00	0.00	0.01	0.00	0.01	0.04	0.13	0.04
26	---	0.00	0.00	0.00	0.01	0.38	0.00	0.00	0.00	0.06	0.01	0.34
27	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.03
28	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	---	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	---	0.00	0.00	0.00	---	0.13	0.03	0.00	0.00	0.00	0.32	0.00
31	---	---	0.00	0.00	---	0.13	---	0.01	---	0.05	0.04	---
TOTAL	---	---	---	2.46	---	4.12	0.82	0.17	0.13	1.67	1.53	2.52

SAVANNAH RIVER BASIN
2002 Water Year

02197000 SAVANNAH RIVER AT AUGUSTA, GA

LOCATION.—Lat 33°22'25", long 81°56'35" referenced to North American Datum (NAD) of 1927, Richmond County, GA-Aiken County, SC, Hydrologic Unit 03060106, at New Savannah Bluff Lock and Dam, 0.2 miles upstream from Butler Creek, 12.0 miles downstream from Augusta, and at mile 187.4.

DRAINAGE AREA.—7,508 mi^2, including that of Butler Creek.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1883 to December 1891, January 1896 to December 1906, January 1925 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at site of Fifth Street gage from 1875 to 1952 and at New Savannah Bluff lock and dam sites since 1937 are contained in reports of the National Weather Service.

REVISED RECORDS.—WSP 1303: 1927-39 (monthly runoff). WSP 1433: 1888, 1896-99, 1902-03, 1906-07, and 1932(M). WDR SC-77-1: 1975. WDR SC-94-1: Peaks outside period of record (1796, 1840, 1852, 1864, 1865 and 1908).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 96.58 feet above National Geodetic Vertical Datum (NGVD) of 1929 (U.S. Army Corps of Engineers benchmark). From October 1, 1883 to December 31, 1891, January 1, 1896 to December 31, 1906, January 1, 1925 to September 30, 1932, a non-recording or recording gage was located at the Fifth Street Bridge at datum 102.06 feet above sea level (levels by Southeastern Engineering Co.). From October 1, 1932 to September 30, 1936, a recording gage was located at the Thirteenth Street Bridge at datum 104.56 feet above sea level (levels by U.S. Army Corps of Engineers). From October 1, 1936 to November 10, 1948, a recording gage was located at site 0.2 miles downstream from present site and at present datum.

REMARKS.—Records good except for estimated daily discharges, which are fair. Flow regulated by Thurmond Lake (see station 02194500), Hartwell Lake, Richard B. Russell Lake, and by other power plants above station. This station is operated by the USGS, South Carolina District. For more information, please check http://sc.water.usgs.gov.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum discharge, 307,000 ft^3/s, Aug. 27, 1908, gage height, 38.8 feet, at site and datum at Fifth Street gage. Stages and discharges for other floods at site and datum at Fifth Street gage are as follows: 280,000 ft^3/s, January 17, 1796, gage-height (determined by analysis of historical documents), 38 feet; 260,000 ft^3/s, May 28, 1840, gage-height, 37.5 feet; 230,000 ft^3/s, August 29, 1852, gage-height, 36.8 feet; 160,000 ft^3/s, January 1, 1864, gage-height, 34.0 feet; 220,000 ft^3/s, January 11, 1865, gage-height, 36.4 feet. Stages for the 1840, 1852, 1864, and 1865 floods were obtained from the City of Augusta, Georgia, gage records that were copied in the log books of the National Weather Service. These floods and floods recorded by the National Weather Service beginning in 1876 are stored in the USGS peak flow database. Other historical documents indicated floods of unknown magnitude occurred in 1722 and 1741.

STATION NUMBER 02197000 SAVANNAH RIVER AT AUGUSTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332225 LONGITUDE 0815635 NAD27 DRAINAGE AREA 7508.* CONTRIBUTING DRAINAGE AREA DATUM 96.58 NGVD29
Date Processed: 2003-03-13 06:15 By sellisor
APPROVED RECORD
DISCHARGE ,PUBLISHED, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4280	4490	4500	4720	4390	5040	7500	4120	4750	4010	4310	4050
2	4280	4470	4660	4730	4370	4970	6930	4180	4870	4030	4180	4170
3	4310	4370	4850	5030	4280	4820	5560	4040	4160	4060	4190	4670
4	4330	4450	4890	4970	4530	6380	4930	4040	4210	4370	4220	4630
5	4190	4520	4640	4580	4840	6440	4440	4740	4160	4380	4160	3960
6	4190	4390	4600	4750	5650	e4540	4810	4600	4200	4460	4180	3890
7	4180	4420	4850	4850	6290	e4110	4540	4050	4250	4250	4270	3870
8	4400	4500	4530	5090	7160	e4230	5030	4170	4080	4180	4340	3910
9	4960	4530	4540	4870	4900	e4270	4340	4090	4020	4080	4440	3980
10	4640	4480	4930	4990	5460	e4190	4200	4070	4020	4350	4340	3880
11	4250	4450	5830	4610	5180	e4280	4290	4070	4050	4330	4080	3860
12	4220	4480	4610	4440	4430	e4720	4350	4060	4050	4280	4100	3730
13	4250	4520	4640	4510	4350	4440	4550	4320	4090	4100	4130	3910
14	4340	4590	4460	4440	4450	4830	4660	4770	4060	4220	3980	4200
15	4360	4490	4410	4750	4470	4430	4790	4090	e4030	4400	3780	5210
16	4780	4440	4470	5050	4430	4640	4260	4050	e4010	4290	3830	4650
17	4840	4450	4590	4910	4390	4810	4630	4110	e4020	4380	4010	4530
18	4740	4380	5110	4620	4470	4570	4830	4250	4120	4320	4270	4550
19	4580	4490	4580	4460	4700	4510	4190	4530	4410	4270	4550	5410
20	4410	4730	4530	4360	4440	4300	4150	4730	4290	4160	4540	6040
21	4400	4490	4660	4520	4550	5040	4470	4220	4070	4140	3890	4580
22	4400	4430	4750	4700	4620	4820	4600	4380	4050	4460	4020	4530
23	4520	4600	4410	4600	4490	5090	4460	4360	4020	4390	3960	4510
24	4480	4760	4640	4600	4410	4400	4070	4550	4020	4240	4310	4200
25	4410	4630	4830	4450	4430	4390	4080	4510	4020	4200	4430	3810
26	4310	4690	5280	4510	4530	4220	4170	4160	4020	4160	4300	3840
27	4400	4970	5200	4580	4610	4310	4210	4100	4020	4270	4210	3960
28	4400	4580	5050	5070	4840	4810	4040	4100	4030	4150	4600	4530
29	4570	4500	4740	4710	---	4420	4080	4090	4030	4230	4170	4330
30	4580	4530	4660	4570	---	4450	4060	4060	4030	4260	4330	4140
31	4510	---	4790	4360	---	4820	---	4130	---	4200	4190	---
TOTAL	137510	135820	147230	145400	133660	145290	139220	131740	124160	131620	130310	129530
MEAN	4436	4527	4749	4690	4774	4687	4641	4250	4139	4246	4204	4318
MAX	4960	4970	5830	5090	7160	6440	7500	4770	4870	4460	4600	6040
MIN	4180	4370	4410	4360	4280	4110	4040	4040	4010	4010	3780	3730
CFSM	0.59	0.60	0.63	0.62	0.64	0.62	0.62	0.57	0.55	0.57	0.56	0.58
IN.	0.68	0.67	0.73	0.72	0.66	0.72	0.69	0.65	0.62	0.65	0.65	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2002, BY WATER YEAR (WY)

MEAN	7140	7177	8868	10460	11880	13790	12660	9124	8065	7051	7377	6887
MAX	17740	18610	27270	30250	30600	29090	43850	27050	22830	13200	15820	14480
(WY)	1965	1996	1993	1993	1998	1952	1964	1964	1973	1976	1994	1964
MIN	2728	4017	3751	4084	4774	4687	4371	4037	4139	3627	3889	3332
(WY)	1952	1953	1953	1953	2002	2002	2000	2001	2002	1952	1952	1952

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1952 - 2002	
ANNUAL TOTAL	1761730		1631490			
ANNUAL MEAN	4827		4470		9191	
HIGHEST ANNUAL MEAN					16580	1964
LOWEST ANNUAL MEAN					4470	2002
HIGHEST DAILY MEAN	14200	Jun 14	7500	Apr 1	84500	Apr 10 1964
LOWEST DAILY MEAN	3710	May 13	3730	Sep 12	1770	Oct 18 1951
ANNUAL SEVEN-DAY MINIMUM	3780	May 22	3870	Sep 6	2090	Oct 20 1951
MAXIMUM PEAK FLOW			8510	Mar 4	87100	Apr 9 1964
MAXIMUM PEAK STAGE			7.14	Mar 4	24.16	Apr 9 1964
ANNUAL RUNOFF (CFSM)	0.64		0.60		1.22	
ANNUAL RUNOFF (INCHES)	8.73		8.08		16.63	
10 PERCENT EXCEEDS	5730		4880		17500	
50 PERCENT EXCEEDS	4510		4420		6830	
90 PERCENT EXCEEDS	4000		4040		4720	

e Estimated

021970140 MCCOY CREEK ABOVE SIGNAL LAKE, AT FORT GORDON, GA

LOCATION.-- Lat 33° 25' 18", long 82° 10' 07" referenced to North American Datum (NAD) of 1927, Richmond County, Hydrologic Unit 03060106, at Fourth Street, 0.10 miles upstream of Signal Lake, 1.6 miles upstream of confluence with Spirit Creek.

DRAINAGE AREA.—1.00 mi^2.

COOPERATION.—U.S. Army, Fort Gordon.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—March 17, 1999 to current year.

GAGE.—Standard USGS reference mark. Datum of gage is 310.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--None.

REMARKS.--Records fair. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
11/07/01	0.75	1.06
12/04/01	0.80	1.12
06/17/02	0.69	0.88

021970158 MCCOY CREEK BELOW SIGNAL LAKE, AT FORT GORDON, GA

LOCATION.-- Lat 33° 23' 56", long 82° 09' 37" referenced to North American Datum (NAD) of 1927, Richmond County, Hydrologic Unit 03060106, at North Range Road, 0.25 miles downstream of Signal Lake, 0.60 miles upstream of confluence with Spirit Creek.

DRAINAGE AREA.—3.20 mi^2.

COOPERATION.—U.S. Army, Fort Gordon.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—March 17, 1999 to current year.

GAGE.—Standard USGS reference mark. Datum of gage is 270.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--None.

REMARKS.--Records fair. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
11/07/01	1.27	2.76
12/04/01	1.24	2.85
06/17/02	1.24	1.64

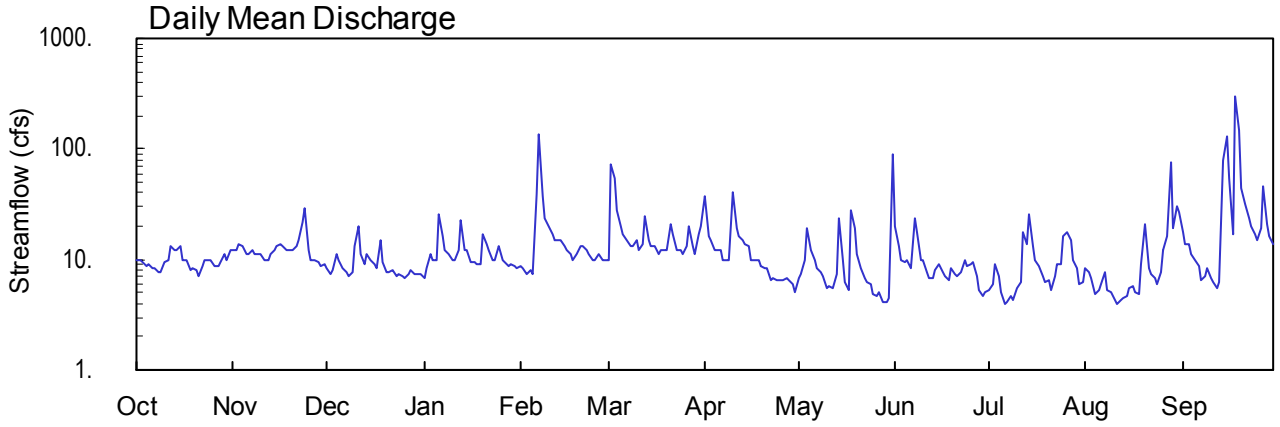
SAVANNAH RIVER BASIN

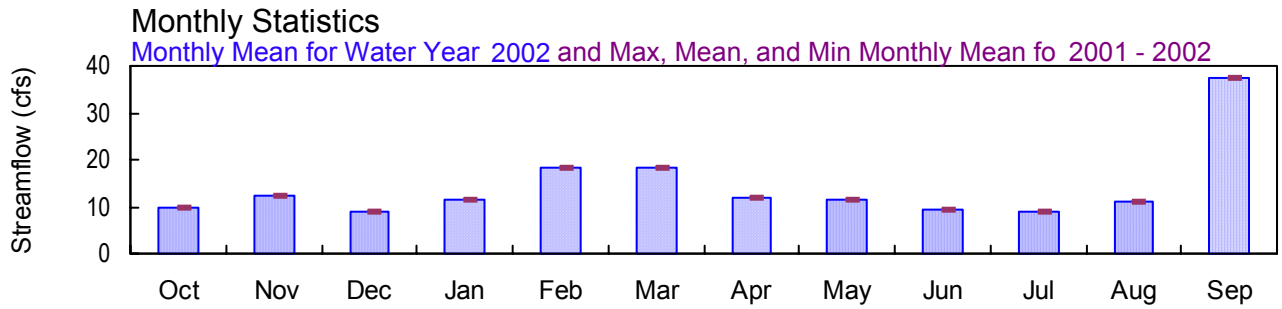
2002 Water Year

02197020 SPIRIT CREEK AT US 1, NEAR AUGUSTA, GA

Latitude: 33°22'24" Longitude: 82°08'21" Hydrologic Unit Code: 03060106 Richmond County

Drainage Area: 17.2 mi^2 Datum: 229.61 feet





SAVANNAH RIVER BASIN
2002 Water Year

02197020 SPIRIT CREEK AT US 1, NEAR AUGUSTA, GA

LOCATION.—Lat 33°22'24", long 82°08'21" referenced to North American Datum (NAD) of 1927, Richmond County, Hydrologic Unit 03060106, 150.00 feet upstream of GA 1.

DRAINAGE AREA.—17.2 mi^2.

COOPERATION.—U.S. Department of the Army, Fort Gordon.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 26, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 229.61 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records fair, except for period of estimated discharge, which is poor. Low flows are regulated by spillway of dam for Richmond Factory Pond.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 27, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 229.61 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records fair. Low flows are regulated by spillway of dam for Richmond Factory Pond.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.22 feet, September 18; minimum gage-height recorded, 2.73 feet, July 6.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 26, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02197020 SPIRIT CREEK AT US 1, NEAR AUGUSTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332224 LONGITUDE 0820821 NAD27 DRAINAGE AREA 17.2 CONTRIBUTING DRAINAGE AREA 18.0* DATUM 229.61 NGVD29
Date Processed: 2003-03-10 14:48 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	12	8.5	6.8	8.6	9.9	37	6.8	20	5.2	8.4	18
2	9.9	12	7.5	8.3	8.4	73	16	7.4	13	6.1	7.6	14
3	9.4	14	8.0	11	7.3	54	15	9.7	10	8.9	6.7	14
4	8.6	13	11	10	8.1	28	12	19	9.5	7.1	4.9	11
5	9.2	11	10	10	7.5	20	12	12	9.8	5.1	5.2	10
6	8.5	11	8.4	26	39	17	12	9.7	8.5	4.0	5.9	8.7
7	8.2	12	7.6	16	140	15	9.9	8.2	24	4.1	7.8	6.4
8	7.8	11	7.2	12	37	13	10	7.7	18	4.6	5.2	7.0
9	7.8	11	7.7	11	24	13	10	7.1	10	4.3	5.0	8.2
10	9.3	11	13	9.8	20	15	40	5.5	9.7	5.6	4.7	6.8
11	10	10	20	9.7	17	12	19	5.7	7.7	6.3	4.0	6.3
12	13	10	11	12	15	14	16	5.5	6.7	18	4.3	5.6
13	12	11	9.2	23	15	25	15	7.4	6.8	14	4.4	6.2
14	12	12	11	12	15	15	14	24	8.0	26	4.6	e80
15	13	13	10	12	13	13	13	10	8.9	13	5.6	131
16	10	14	9.1	9.5	12	13	10	6.2	7.6	10	5.7	55
17	10	13	8.5	9.4	11	11	10	5.3	7.1	8.8	5.1	17
18	8.1	12	15	9.0	10	12	9.7	28	6.4	7.2	4.9	e295
19	8.3	12	9.3	8.9	11	12	8.6	19	8.2	6.3	8.9	e150
20	7.9	12	7.7	17	13	12	8.3	11	7.5	6.4	21	45
21	7.1	13	7.6	14	13	21	8.2	8.3	7.0	5.3	8.5	31
22	8.8	15	8.1	12	12	17	6.5	6.8	7.7	7.1	7.5	24
23	9.9	22	7.1	10	11	12	6.7	6.2	9.9	9.1	6.9	20
24	9.8	29	7.5	9.9	9.8	12	6.6	6.1	8.8	8.9	6.0	17
25	9.7	12	7.0	13	10	11	6.5	4.9	8.9	16	7.7	15
26	8.7	9.7	6.8	10	11	13	6.4	4.7	9.6	18	12	19
27	8.6	9.7	7.4	9.6	10	20	6.8	5.0	7.1	15	16	46
28	9.6	9.4	8.1	8.8	10	13	6.4	4.1	5.3	9.8	76	21
29	11	8.8	7.4	8.9	---	11	6.1	4.2	4.6	8.3	19	16
30	10	8.9	7.4	8.6	---	17	5.0	4.4	5.1	6.1	30	14
31	12	---	7.3	8.2	---	20	---	90	---	6.3	27	---
TOTAL	298.2	374.5	281.4	356.4	518.7	563.9	362.7	359.9	281.4	280.9	346.5	1118.2
MEAN	9.62	12.5	9.08	11.5	18.5	18.2	12.1	11.6	9.38	9.06	11.2	37.3
MAX	13	29	20	26	140	73	40	90	24	26	76	295
MIN	7.1	8.8	6.8	6.8	7.3	9.9	5.0	4.1	4.6	4.0	4.0	5.6
MED	9.6	12	8.1	10	12	13	10	7.1	8.3	7.1	6.7	17
AC-FT	591	743	558	707	1030	1120	719	714	558	557	687	2220
CFSM	0.53	0.69	0.50	0.64	1.03	1.01	0.67	0.64	0.52	0.50	0.62	2.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	9.62	12.5	9.08	11.5	18.5	18.2	12.1	11.6	9.38	9.06	11.2	37.3
MAX	9.62	12.5	9.08	11.5	18.5	18.2	12.1	11.6	9.38	9.06	11.2	37.3
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	9.62	12.5	9.08	11.5	18.5	18.2	12.1	11.6	9.38	9.06	11.2	37.3
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	5142.7			
ANNUAL MEAN	14.1		14.1	
HIGHEST ANNUAL MEAN			14.1	2002
LOWEST ANNUAL MEAN			14.1	2002
HIGHEST DAILY MEAN	295	Sep 18	295	Sep 18 2002
LOWEST DAILY MEAN	4.0	Jul 6	4.0	Jul 6 2002
ANNUAL SEVEN-DAY MINIMUM	4.6	Aug 8	4.6	Aug 8 2002
MAXIMUM PEAK STAGE	8.22	Sep 18	8.22	Sep 18 2002
INSTANTANEOUS LOW FLOW	3.4	Jul 6	3.4	Jul 6 2002
ANNUAL RUNOFF (AC-FT)	10200		10210	
ANNUAL RUNOFF (CFSM)	0.78		0.78	
10 PERCENT EXCEEDS	20		20	
50 PERCENT EXCEEDS	9.9		9.9	
90 PERCENT EXCEEDS	5.8		5.8	

e Estimated

STATION NUMBER 02197020 SPIRIT CREEK AT US 1, NEAR AUGUSTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332224 LONGITUDE 0820821 NAD27 DRAINAGE AREA 17.2 CONTRIBUTING DRAINAGE AREA 18.0* DATUM 229.61 NGVD29
Date Processed: 2003-03-10 14:48 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.10	3.13	3.07	3.03	3.07	3.02	3.32	2.94	3.00	2.78	2.91	3.08
2	3.10	3.14	3.05	3.06	3.07	3.38	3.12	2.96	2.92	2.80	2.89	3.03
3	3.09	3.16	3.06	3.12	3.04	3.42	3.10	2.99	2.86	2.88	2.87	3.02
4	3.07	3.16	3.10	3.11	3.06	3.25	3.06	3.15	2.87	2.84	2.82	2.98
5	3.09	3.13	3.11	3.11	3.05	3.17	3.06	3.06	2.87	2.79	2.83	2.96
6	3.07	3.13	3.07	3.28	3.24	3.14	3.06	3.02	2.84	2.75	2.85	2.93
7	3.06	3.13	3.05	3.19	3.66	3.11	3.02	2.98	3.06	2.75	2.90	2.87
8	3.05	3.12	3.04	3.13	3.31	3.08	3.02	2.97	2.99	2.77	2.83	2.89
9	3.05	3.12	3.05	3.12	3.21	3.07	3.03	2.96	2.88	2.76	2.82	2.92
10	3.09	3.12	3.12	3.10	3.17	3.11	3.32	2.91	2.87	2.80	2.81	2.89
11	3.10	3.10	3.23	3.10	3.14	3.06	3.15	2.92	2.83	2.81	2.77	2.87
12	3.15	3.11	3.11	3.12	3.10	3.09	3.11	2.91	2.80	3.04	2.81	2.85
13	3.14	3.13	3.09	3.27	3.10	3.21	3.11	2.93	2.81	2.98	2.81	2.87
14	3.14	3.14	3.11	3.14	3.10	3.11	3.09	3.19	2.83	3.13	2.82	3.25
15	3.15	3.16	3.11	3.13	3.07	3.07	3.07	3.02	2.86	2.97	2.85	3.57
16	3.10	3.17	3.08	3.09	3.06	3.07	3.03	2.93	2.83	2.93	2.86	3.33
17	3.11	3.15	3.07	3.09	3.04	3.04	3.03	2.90	2.81	2.90	2.84	3.07
18	3.06	3.14	3.18	3.08	3.03	3.05	3.02	3.17	2.80	2.86	2.83	4.51
19	3.07	3.14	3.09	3.08	3.05	3.05	2.99	3.15	2.85	2.84	2.92	3.70
20	3.05	3.13	3.05	3.20	3.07	3.05	2.99	3.03	2.84	2.85	3.11	3.31
21	3.04	3.16	3.05	3.17	3.08	3.17	2.98	2.99	2.82	2.81	2.93	3.22
22	3.08	3.18	3.06	3.14	3.05	3.14	2.94	2.95	2.84	2.86	2.91	3.15
23	3.10	3.25	3.04	3.11	3.04	3.06	2.95	2.93	2.89	2.91	2.89	3.11
24	3.10	3.32	3.05	3.10	3.02	3.05	2.94	2.93	2.87	2.91	2.86	3.07
25	3.10	3.14	3.03	3.15	3.03	3.04	2.94	2.89	2.87	3.02	2.90	3.04
26	3.07	3.10	3.03	3.11	3.05	3.06	2.94	2.88	2.89	3.06	2.99	3.10
27	3.07	3.10	3.04	3.09	3.03	3.16	2.95	2.89	2.83	3.02	3.03	3.31
28	3.09	3.09	3.06	3.08	3.03	3.08	2.94	2.86	2.78	2.94	3.42	3.12
29	3.12	3.08	3.04	3.08	---	3.04	2.93	2.86	2.76	2.91	3.10	3.06
30	3.11	3.08	3.04	3.07	---	3.12	2.89	2.87	2.78	2.85	3.20	3.04
31	3.13	---	3.04	3.06	---	3.16	---	3.35	---	2.85	3.18	---
MEAN	3.09	3.14	3.07	3.12	3.11	3.12	3.04	2.98	2.86	2.88	2.92	3.14
MAX	3.15	3.32	3.23	3.28	3.66	3.42	3.32	3.35	3.06	3.13	3.42	4.51
MIN	3.04	3.08	3.03	3.03	3.02	3.02	2.89	2.86	2.76	2.75	2.77	2.85

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02197020 SPIRIT CREEK AT US 1, NEAR AUGUSTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332224 LONGITUDE 0820821 NAD27 DRAINAGE AREA 17.2 CONTRIBUTING DRAINAGE AREA 18.0* DATUM 229.61 NGVD29
Date Processed: 2003-03-10 14:48 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	3.30	3.11	3.24	3.10	3.08	3.09
2	---	---	---	---	---	---	3.29	3.10	3.23	3.07	3.04	3.07
3	---	---	---	---	---	---	3.33	3.07	3.16	3.26	3.01	3.05
4	---	---	---	---	---	---	3.34	3.08	3.32	3.30	3.00	3.20
5	---	---	---	---	---	---	3.29	3.07	3.18	3.25	3.04	3.21
6	---	---	---	---	---	---	3.27	3.07	3.28	3.13	3.04	3.09
7	---	---	---	---	---	---	3.26	3.41	3.32	3.09	3.01	3.05
8	---	---	---	---	---	---	3.26	3.20	3.18	3.06	3.02	3.64
9	---	---	---	---	---	---	3.23	3.13	3.15	3.12	3.01	3.02
10	---	---	---	---	---	---	3.23	3.12	3.12	3.09	3.01	3.05
11	---	---	---	---	---	---	3.22	3.19	3.12	3.06	3.00	3.10
12	---	---	---	---	---	---	3.20	3.17	3.25	3.05	2.99	3.09
13	---	---	---	---	---	---	3.20	3.13	3.79	3.05	2.96	3.04
14	---	---	---	---	---	---	3.21	3.10	3.60	3.05	3.00	3.03
15	---	---	---	---	---	---	3.27	3.06	3.35	3.03	3.01	3.02
16	---	---	---	---	---	---	3.30	3.09	3.23	3.02	2.98	3.02
17	---	---	---	---	---	---	3.21	3.13	3.16	3.01	2.98	3.05
18	---	---	---	---	---	---	3.18	3.12	3.12	2.97	3.17	3.03
19	---	---	---	---	---	---	3.18	3.11	3.11	2.93	3.34	3.05
20	---	---	---	---	---	---	3.19	3.10	3.07	2.92	3.16	3.07
21	---	---	---	---	---	---	3.16	3.26	3.08	2.94	3.05	3.06
22	---	---	---	---	---	---	3.15	3.24	3.10	2.91	3.00	3.07
23	---	---	---	---	---	---	3.14	2.86	3.10	2.90	2.97	3.06
24	---	---	---	---	---	---	3.13	2.73	3.08	2.98	2.96	3.16
25	---	---	---	---	---	---	3.18	2.93	3.08	3.02	2.96	3.18
26	---	---	---	---	---	---	3.19	2.98	3.08	3.06	2.95	3.12
27	---	---	---	---	---	3.25	3.14	2.98	3.09	---	2.94	3.09
28	---	---	---	---	---	3.23	3.12	2.87	3.09	3.18	2.92	3.09
29	---	---	---	---	---	3.45	3.11	3.52	3.07	3.08	2.94	3.08
30	---	---	---	---	---	3.50	3.11	3.34	3.07	3.12	3.00	3.05
31	---	---	---	---	---	3.35	---	3.17	---	3.10	2.98	---
MEAN	---	---	---	---	---	---	3.21	3.11	3.19	---	3.02	3.10
MAX	---	---	---	---	---	---	3.34	3.52	3.79	---	3.34	3.64
MIN	---	---	---	---	---	---	3.11	2.73	3.07	---	2.92	3.02

STATION NUMBER 02197020 SPIRIT CREEK AT US 1, NEAR AUGUSTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332224 LONGITUDE 0820821 NAD27 DRAINAGE AREA 17.2 CONTRIBUTING DRAINAGE AREA 18.0* DATUM 229.61 NGVD29
Date Processed: 2003-03-10 14:48 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.05	0.00	0.00	0.04	0.04
2	0.00	0.01	0.00	0.00	0.00	1.61	0.01	0.00	0.00	0.08	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.26	0.00	0.94	0.09	0.05	0.00	0.00
4	0.00	0.00	0.00	0.08	0.00	0.00	0.01	0.06	0.02	0.00	0.00	0.00
5	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
6	0.01	0.00	0.00	0.57	2.16	0.00	0.01	0.00	0.24	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.14	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.02	0.00	0.00	0.00
10	0.00	0.00	0.82	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.48	0.00	0.00
12	0.00	0.00	0.00	0.66	0.00	0.37	0.01	0.00	0.04	0.08	0.00	0.00
13	0.00	0.00	0.04	0.00	0.00	0.07	0.00	0.67	0.00	0.32	0.00	0.12
14	0.33	0.00	0.01	0.03	0.00	0.01	0.01	0.11	0.23	0.05	0.00	2.77
15	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	1.15
16	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.03	3.39
19	0.00	0.00	0.00	0.40	0.00	0.00	0.01	0.10	0.00	0.00	0.36	0.00
20	0.00	0.00	0.00	0.00	0.17	0.01	0.00	0.01	0.00	0.00	0.00	0.06
21	0.00	0.00	0.00	0.14	0.01	0.04	0.01	0.02	0.00	0.00	0.00	0.01
22	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.17	0.01	0.00	0.00
23	0.00	1.11	0.01	0.00	0.00	0.25	0.00	0.00	0.00	0.01	0.00	0.00
24	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00
25	0.00	0.10	0.00	0.26	0.00	0.00	0.00	0.00	0.06	0.29	0.14	0.12
26	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.03	0.00	0.03	0.59
27	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	1.15	0.14
28	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.00
29	0.00	0.01	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.01	0.05	0.01	0.00	0.00	0.84	0.00
31	0.00	---	0.00	0.00	---	0.01	---	0.00	---	0.15	0.14	---
TOTAL	0.34	1.23	1.20	2.51	2.62	2.97	0.16	2.65	1.11	2.35	2.82	8.39

STATION NUMBER 02197020 SPIRIT CREEK AT US 1, NEAR AUGUSTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 245
LATITUDE 332224 LONGITUDE 0820821 NAD27 DRAINAGE AREA 17.2 CONTRIBUTING DRAINAGE AREA 18.0* DATUM 229.61 NGVD29
Date Processed: 2003-03-10 14:48 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	0.0	0.0	0.41	0.0	0.0	0.13
2	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
3	---	---	---	---	---	---	0.36	0.0	0.95	0.01	0.0	0.12
4	---	---	---	---	---	---	0.0	0.0	0.0	0.07	0.01	0.58
5	---	---	---	---	---	---	0.0	0.0	0.0	0.02	0.0	0.0
6	---	---	---	---	---	---	0.0	1.74	1.29	0.0	0.0	0.0
7	---	---	---	---	---	---	0.0	0.01	0.0	0.0	0.0	0.0
8	---	---	---	---	---	---	0.0	0.0	0.16	0.17	0.0	0.0
9	---	---	---	---	---	---	0.0	0.0	0.0	0.01	0.38	0.0
10	---	---	---	---	---	---	0.0	---	0.0	0.0	0.01	0.02
11	---	---	---	---	---	---	0.0	---	0.0	0.0	0.0	0.64
12	---	---	---	---	---	---	0.0	---	0.91	0.0	0.0	0.0
13	---	---	---	---	---	---	0.04	---	1.91	0.0	0.01	0.0
14	---	---	---	---	---	---	0.0	---	0.0	0.0	0.03	0.0
15	---	---	---	---	---	---	0.44	---	0.0	0.0	0.0	0.0
16	---	---	---	---	---	---	0.0	0.0	0.02	0.0	0.0	0.0
17	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	---	0.0	0.0	0.0	0.0	1.20	0.0
19	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.40	0.0
20	---	---	---	---	---	---	0.0	0.07	0.0	0.0	0.01	0.0
21	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
22	---	---	---	---	---	---	0.0	0.27	0.32	0.0	0.0	0.0
23	---	---	---	---	---	---	0.0	0.0	0.01	0.33	0.0	0.19
24	---	---	---	---	---	---	0.0	0.0	0.0	0.16	0.0	0.31
25	---	---	---	---	---	---	0.27	0.0	0.0	0.20	0.0	0.0
26	---	---	---	---	---	---	0.0	0.01	0.0	0.03	0.0	0.0
27	---	---	---	---	---	0.0	0.0	0.0	0.03	---	0.0	0.0
28	---	---	---	---	---	0.0	0.0	1.10	0.0	0.01	0.02	0.0
29	---	---	---	---	---	1.57	0.0	2.36	0.0	0.51	0.01	0.0
30	---	---	---	---	---	0.0	0.0	0.01	0.07	0.01	0.0	0.0
31	---	---	---	---	---	0.0	---	0.0	---	0.0	0.01	---
TOTAL	---	---	---	---	---	---	1.11	---	6.08	---	2.09	1.99

02197025 SOUTH PRONG CREEK AT US 1, NEAR AUGUSTA, GA

LOCATION.-- Lat 33° 21' 18", long 82° 08' 38" referenced to North American Datum (NAD) of 1927, Richmond County, Hydrologic Unit 03060106, 100.00 feet downstream of Ellis Pond on US 1, 0.95 miles upstream of confluence of Spirit Creek, 12.4 miles south of Augusta.

DRAINAGE AREA.—13.0 mi^2.

COOPERATION.—U.S. Army, Fort Gordon.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—February 10, 1999 to current year.

GAGE.—Standard USGS reference mark. Datum of gage is 240.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--None.

REMARKS.--Records fair. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
11/07/01	1.27	8.87
12/05/01	1.24	6.40
06/17/02	1.02	6.20

SAVANNAH RIVER BASIN
2002 Water Year

02197190 McBEAN CREEK AT US 25, NEAR McBEAN, GA

LOCATION.—Lat 33°14'12", long 82°02'38" referenced to North American Datum (NAD) of 1927, Richmond-Burke County line, Hydrologic Unit 03060106, at US 25, 5.5 miles west of McBean.

DRAINAGE AREA.—41.4 mi².

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1963 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 170.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--

STAGE: 7.52 feet, October 12, 1990
DISCHARGE: 3,160 ft³/s, October 12, 1990

MAXIMUM FOR CURRENT YEAR.--

STAGE: <3.60 feet, Not determined, peak below bottom of gage.
DISCHARGE: <163 ft³/s, Not determined, peak below bottom of gage.

SAVANNAH RIVER BASIN
2002 Water Year

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.—Lat 33°13'01", long 81°46'04" referenced to North American Datum (NAD) of 1927, Aiken County, SC-Burke County, GA, Hydrologic Unit 03060106, on left bank 0.5 miles downstream from Upper Three Runs Creek, 6.2 miles south of Jackson, 15.2 miles upstream from Steel Creek, and at mile 156.8.

DRAINAGE AREA.—8,110 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1971 to current year, discharge defined below 22,000 ft^3/s, only.

REVISED RECORDS.—WDR SC-01-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 77.0 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—No estimated daily discharges. Records good. Water is diverted above and below gage by Savannah River Site, with the volume diverted varying from day to day. Flow regulated by Hartwell Lake (see station 02187250), Richard B. Russell Lake (see station 02189004), Thurmond Lake (see station 02194500), and affected to some degree by Savannah River Site operations. At times of high flow, bank full capacity is exceeded in the intervening channel reach; therefore, daily mean discharges greater than 22,000 ft^3/s are not shown.

STATION NUMBER 02197320 SAVANNAH R. NR JACKSON, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 003
LATITUDE 331301 LONGITUDE 0814604 NAD27 DRAINAGE AREA 8110.00* CONTRIBUTING DRAINAGE AREA DATUM 77.00 NGVD29
Date Processed: 2003-03-13 06:15 By sellisor
APPROVED RECORD
DISCHARGE ,PUBLISHED, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4510	4690	4780	5060	4760	5380	6790	4420	4580	4230	4470	4490
2	4600	4680	4740	4990	4780	5600	8550	4480	5220	4170	4460	4520
3	4610	4670	4930	5170	4680	5780	6880	4440	4830	4230	4390	4680
4	4620	4600	5130	5400	4720	5630	6550	4400	4520	4340	4370	5060
5	4570	4640	5030	5230	5010	8320	5010	4600	4450	4720	4360	4760
6	4450	4700	4810	5070	5600	6520	5270	5300	4440	4510	4280	4250
7	4430	4560	4950	5200	6720	5160	5050	4670	4560	4650	4390	4120
8	4480	4640	4940	5510	8040	4880	5140	4460	4510	4390	4440	4120
9	4800	4710	4740	5440	7570	4820	5290	4480	4340	4260	4540	4150
10	5200	4720	4720	5320	5960	4820	4830	4410	4250	4290	4590	4220
11	4770	4660	5720	5300	6090	4810	4840	4380	4240	4500	4410	4080
12	4510	4660	5640	4870	5460	4970	4890	4340	4220	4620	4280	4040
13	4440	4670	5080	4960	4950	5450	5030	4470	4250	4530	4270	3960
14	4490	4760	4840	4970	4850	5310	5150	4920	4270	4500	4370	4210
15	4560	4780	4700	4950	4950	5430	5410	4750	4260	4670	4110	5200
16	4710	4630	4660	5350	4900	5120	5070	4430	4250	4620	4010	5340
17	5020	4660	4720	5420	4880	5310	4780	4360	4240	4550	4080	5170
18	5050	4610	5160	5220	4810	5430	5240	4440	4250	4560	4360	5120
19	4930	4570	5140	4960	5040	5150	5070	4730	4490	4460	4730	5270
20	4710	4810	4830	4810	5020	4880	4630	5110	4620	4380	5110	6990
21	4620	4840	4810	4810	4910	5080	4660	4900	4470	4250	4470	6010
22	4610	4660	5000	5040	5070	5710	4990	4540	4270	4380	4340	5180
23	4650	4680	4830	5070	5050	5450	5020	4760	4260	4590	4250	4960
24	4700	5030	4720	5040	4890	5690	4670	4750	4250	4490	4310	4880
25	4680	4920	4970	4900	4830	4980	4450	4890	4280	4410	4720	4310
26	4520	5020	5200	4910	4920	4880	4490	4690	4300	4410	4750	4130
27	4480	5090	5610	4930	4940	4810	4540	4410	4290	4390	4580	4150
28	4560	5110	5420	5190	5160	4960	4500	4350	4260	4470	4750	4600
29	4640	4840	5220	5320	---	5430	4400	4350	4230	4310	4860	4740
30	4770	4720	4980	5120	---	5020	4370	4300	4230	4400	4480	4630
31	4750	---	4980	4870	---	5230	---	4310	---	4380	4790	---
TOTAL	144440	142330	155000	158400	148560	166010	155560	141840	131630	137660	138320	141340
MEAN	4659	4744	5000	5110	5306	5355	5185	4575	4388	4441	4462	4711
MAX	5200	5110	5720	5510	8040	8320	8550	5300	5220	4720	5110	6990
MIN	4430	4560	4660	4810	4680	4810	4370	4300	4220	4170	4010	3960
CFSM	0.57	0.58	0.62	0.63	0.65	0.66	0.64	0.56	0.54	0.55	0.55	0.58
IN.	0.66	0.65	0.71	0.73	0.68	0.76	0.71	0.65	0.60	0.63	0.63	0.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2002, BY WATER YEAR (WY)

MEAN	7458	7315	8813	9857	10090	8457	8425	7894	7933	7081	7409	7216
MAX	14280	14570	16880	16960	18670	13760	14560	13930	16820	11430	16510	11270
(WY)	1990	1976	1990	1974	1973	1977	1984	1975	1979	1991	1991	1994
MIN	4659	4563	4583	5110	5306	5355	4883	4575	4388	4441	4462	4711
(WY)	2002	1982	2000	2002	2002	2002	2000	2002	2002	2002	2002	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1972 - 2002	
ANNUAL TOTAL	1984960		1761090			
ANNUAL MEAN	5438		4825		6277	
HIGHEST ANNUAL MEAN					8361	1992
LOWEST ANNUAL MEAN					4825	2002
HIGHEST DAILY MEAN	14600	Mar 6	8550	Apr 2	22000	Nov 30 1976
LOWEST DAILY MEAN	4430	Sep 30	3960	Sep 13	3220	Dec 9 1981
ANNUAL SEVEN-DAY MINIMUM	4520	Sep 18	4100	Sep 7	3770	Dec 4 1981
MAXIMUM PEAK FLOW			8870	Mar 5	0.00	Apr 11 1983
MAXIMUM PEAK STAGE			8.77	Mar 5	21.57	Apr 11 1983
ANNUAL RUNOFF (CFSM)	0.67		0.59		0.77	
ANNUAL RUNOFF (INCHES)	9.10		8.08		10.52	
10 PERCENT EXCEEDS	6520		5340		8400	
50 PERCENT EXCEEDS	5030		4730		5680	
90 PERCENT EXCEEDS	4600		4280		4620	

02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE, NEAR MILLHAVEN, GA

LOCATION.—Lat 32°56'20", long 81°30'10" referenced to North American Datum (NAD) of 1927, Screven County, GA-Allendale County, SC, Hydrologic Unit 03060106, on right bank 500.0 feet downstream of bridge on US 301, 2.0 miles downstream from Rocky Creek, 9.0 miles east of Millhaven, and at mile 118.7.

DRAINAGE AREA.—8,650 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1939 to September 1970, October 1982 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 54.42 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—No estimated daily discharges. Records good. Flow regulated by Thurmond Lake (see station 02194500).

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood in October 1929 reached a stage of 30.8 feet, from information by U.S. Army Corps of Engineers, discharge, 220,000 ft^3/s, from rating curve extended above 141,000 ft^3/s. This station is operated by the USGS, South Carolina District. For more information, please check http://sc.water.usgs.gov.

STATION NUMBER 02197500 SAVANNAH R AT BURTONS FERRY BR NR MILLHAVEN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 251
LATITUDE 325620 LONGITUDE 0813010 NAD27 DRAINAGE AREA 8650* CONTRIBUTING DRAINAGE AREA DATUM 52.42 NGVD29
Date Processed: 2003-03-13 06:15 By sellisor
APPROVED RECORD
DISCHARGE ,PUBLISHED, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4740	5000	4970	5270	5340	5720	5980	4790	4680	4600	4610	4800
2	4790	4960	4990	5330	5250	5960	7600	4820	4980	4590	4680	4620
3	4850	4960	4990	5360	5240	6250	8450	4870	5390	4620	4650	4600
4	4860	4940	5140	5540	5140	6320	7320	4840	5100	4680	4580	4750
5	4890	4890	5270	5690	5210	6630	6870	4820	4860	4760	4560	4940
6	4840	4900	5190	5540	5530	7810	5900	5090	4750	4970	4550	4620
7	4760	4920	5040	5470	6450	6600	5990	5460	4730	4890	4560	4270
8	4730	4840	5140	5580	7600	5640	5800	4990	4790	4890	4680	4140
9	4790	4890	5090	5820	8780	5330	5900	4770	4700	4720	4740	4110
10	5130	4950	4940	5740	7820	5220	5860	4710	4540	4600	4820	4110
11	5360	4950	5030	5680	6760	5160	5600	4620	4450	4660	4850	4100
12	5060	4890	5770	5590	6630	5100	5550	4550	4460	4830	4700	4000
13	4860	4890	5610	5380	6010	5400	5560	4490	4480	4920	4610	3930
14	4800	4910	5280	5450	5570	5670	5650	4650	4510	4880	4620	3920
15	4830	4990	5080	5440	5460	5640	5720	5060	4550	4850	4660	4150
16	4880	4990	4960	5450	5500	5580	5860	4900	4560	4960	4500	4860
17	5040	4880	4920	5750	5470	5420	5540	4680	4570	4890	4410	4910
18	5240	4880	4980	5790	5430	5540	5390	4670	4580	4840	4490	4810
19	5280	4840	5370	5600	5390	5570	5660	4810	4610	4820	4770	4870
20	5190	4830	5290	5400	5600	5390	5440	5070	4810	4730	5150	5170
21	5020	5030	5090	5270	5580	5210	5110	5370	4890	4660	5320	6060
22	4930	5030	5080	5290	5510	5490	5110	5170	4770	4590	4810	5430
23	4900	4900	5220	5480	5630	5800	5300	4950	4640	4730	4650	4900
24	4940	4980	5070	5520	5590	5710	5330	5050	4620	4840	4540	4740
25	4980	5230	5020	5490	5460	5670	5050	5100	4690	4740	4630	4610
26	4930	5190	5220	5370	5410	5280	4900	5180	4710	4660	4900	4260
27	4820	5230	5480	5360	5480	5190	4910	4980	4700	4660	4900	4170
28	4790	5300	5750	5390	5520	5170	4950	4770	4670	4670	4780	4200
29	4830	5250	5630	5680	---	5420	4900	4710	4620	4670	4930	4530
30	4920	5070	5440	5730	---	5740	4820	4700	4600	4580	4940	4610
31	5020	---	5270	5570	---	5670	---	4660	---	4620	4680	---
TOTAL	153000	149510	161320	171020	164360	176300	172020	151300	141010	147120	146270	137190
MEAN	4935	4984	5204	5517	5870	5687	5734	4881	4700	4746	4718	4573
MAX	5360	5300	5770	5820	8780	7810	8450	5460	5390	4970	5320	6060
MIN	4730	4830	4920	5270	5140	5100	4820	4490	4450	4580	4410	3920
CFSM	0.57	0.58	0.60	0.64	0.68	0.66	0.66	0.56	0.54	0.55	0.55	0.53
IN.	0.66	0.64	0.69	0.74	0.71	0.76	0.74	0.65	0.61	0.63	0.63	0.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2002, BY WATER YEAR (WY)

MEAN	7436	7638	9745	12270	13740	16140	14160	10320	7929	7940	8248	7554
MAX	20150	22070	32410	35290	33880	33880	46240	29980	15960	19400	28040	20010
(WY)	1965	1948	1949	1993	1998	1944	1964	1964	1967	1941	1940	1964
MIN	2984	3284	4677	5067	5785	5687	4849	4192	4700	4178	4147	3597
(WY)	1942	1942	1953	1956	1989	2002	2000	1941	2002	1952	1951	1941

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	2106890		1870420			
ANNUAL MEAN	5772		5124		10240	
HIGHEST ANNUAL MEAN					18320	1964
LOWEST ANNUAL MEAN					5124	2002
HIGHEST DAILY MEAN	13000	Mar 7	8780	Feb 9	138000	Aug 18 1940
LOWEST DAILY MEAN	4730	Oct 8	3920	Sep 14	2120	Sep 9 1951
ANNUAL SEVEN-DAY MINIMUM	4820	Oct 2	4040	Sep 8	2490	Sep 9 1951
MAXIMUM PEAK FLOW			8950	Feb 9	141000	Aug 18 1940
MAXIMUM PEAK STAGE			7.25	Feb 9	27.00	Aug 18 1940
ANNUAL RUNOFF (CFSM)	0.67		0.59		1.18	
ANNUAL RUNOFF (INCHES)	9.06		8.04		16.09	
10 PERCENT EXCEEDS	6930		5710		19400	
50 PERCENT EXCEEDS	5420		4980		7570	
90 PERCENT EXCEEDS	4940		4600		4960	

02197560 SANDY RUN CREEK NEAR BLYTHE, GA

LOCATION.—Lat 33° 17' 56", long 82° 15' 13" referenced to North American Datum (NAD) of 1927, Richmond County, Hydrologic Unit 03060108, at US 1 bridge, 0.75 miles downstream of Euclid Claussen Pond, 1.1 miles east of Blythe.

DRAINAGE AREA.—33.2 mi^2.

COOPERATION.—U.S. Army, Fort Gordon.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—February 10, 1999 to current year.

GAGE.—Standard USGS reference mark. Datum of gage is 290.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.—None.

REMARKS.—Records fair. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
11/08/01	1.41	7.66
12/05/01	1.56	10.5
06/17/02	1.06	5.55

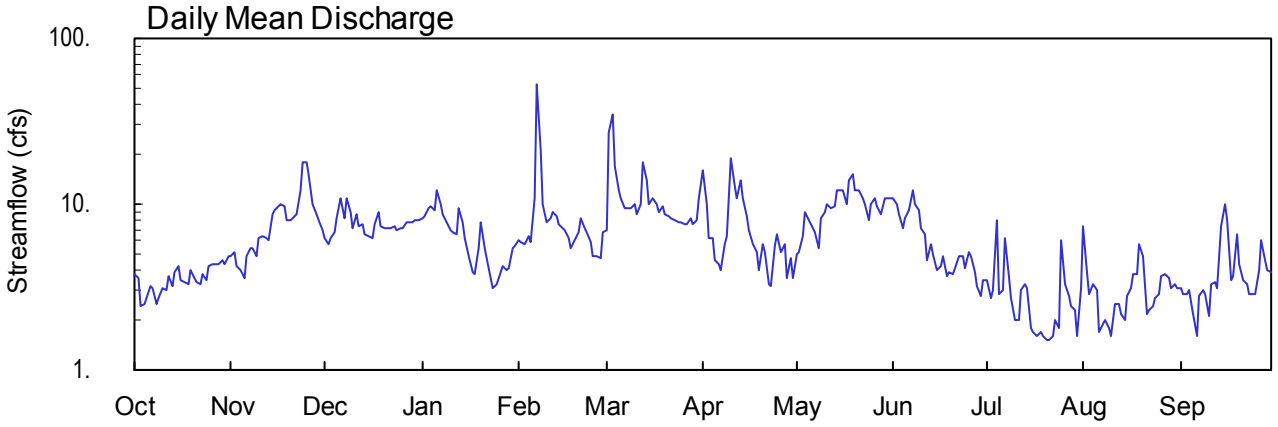
SAVANNAH RIVER BASIN

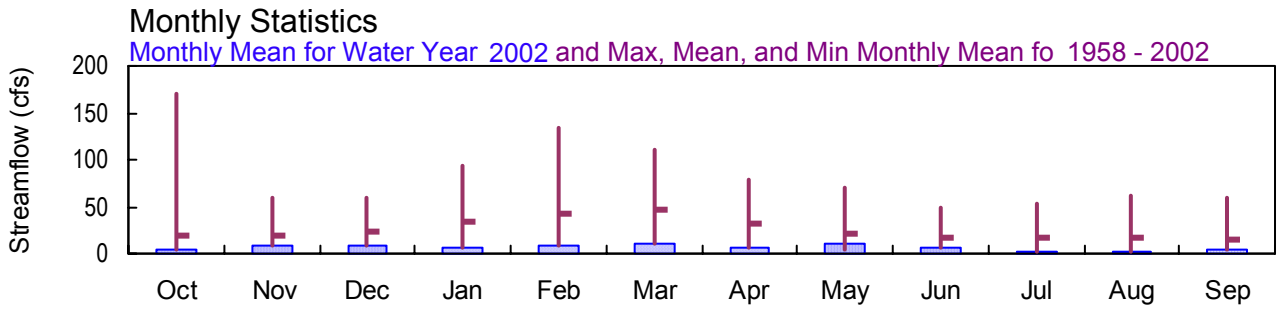
2002 Water Year

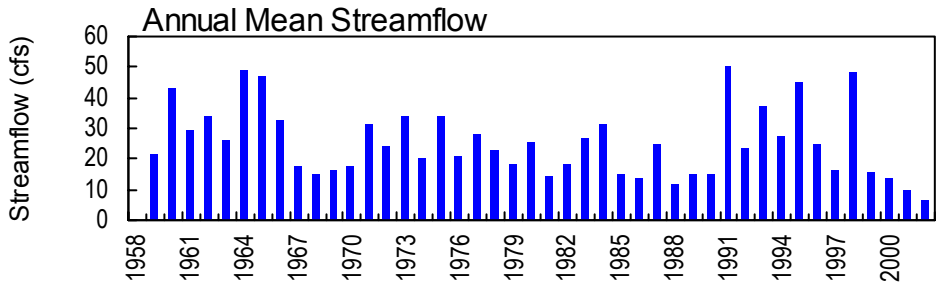
02197600 BRUSHY CREEK NEAR WRENS, GA

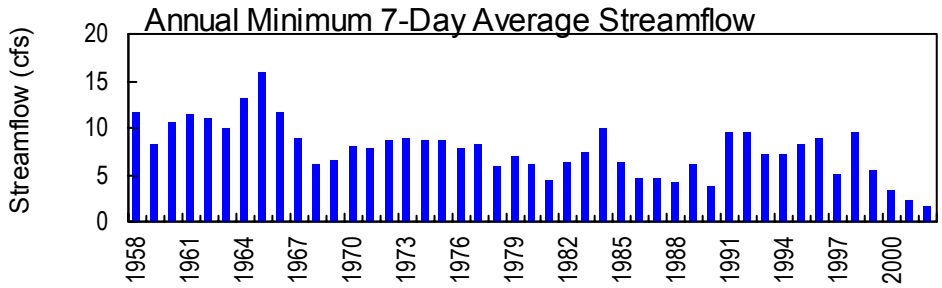
Latitude: 33°10'37" Longitude: 82°18'21" Hydrologic Unit Code: 03060108 Jefferson County

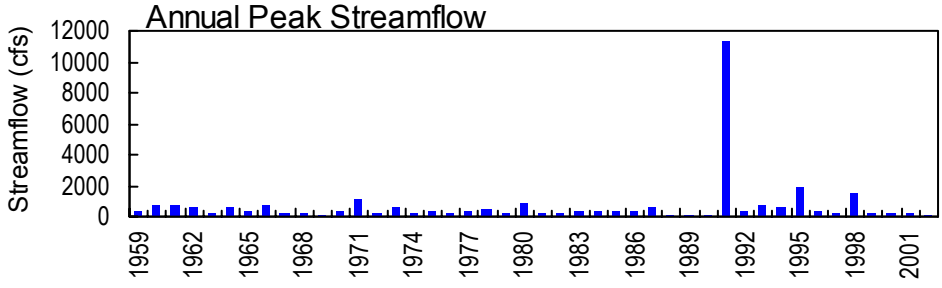
Drainage Area: 28. mi^2 Datum: 282.56 feet











02197600 BRUSHY CREEK NEAR WRENS, GA

LOCATION.—Lat 33°10'37", long 82°18'20" referenced to North American Datum (NAD) of 1927, Jefferson County, Hydrologic Unit 03060108, at right bank on downstream side of bridge on GA 80, 5.0 miles southeast of Wrens, and 5.5 miles upstream from Little Brushy Creek.

DRAINAGE AREA.—28.0 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1958 to current year.

GAGE.—Water-stage recorder. Datum of gage is 282.56 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by the Georgia Department of Transportation).

REMARKS.—Records poor. Discharge affected by beaver dams downstream of the gage. Moderate diurnal fluctuation occurs at low flow.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 300 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 7	0630	66*	6.12*

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1958 to current year.

GAGE.—Water-stage recorder. Datum of gage is 282.56 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by the Georgia Department of Transportation).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.87 feet, September 15; minimum gage-height recorded, 4.84 feet, January 22.

STATION NUMBER 02197600 BRUSHY CREEK NEAR WRENS, GA SOURCE AGENCY USGS STATE 13 COUNTY 163
LATITUDE 331037 LONGITUDE 0821821 NAD27 DRAINAGE AREA 28.00* CONTRIBUTING DRAINAGE AREA DATUM 282.56 NGVD29
Date Processed: 2003-03-10 10:19 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	4.9	6.3	8.2	6.0	7.0	16	5.0	11	3.5	7.3	3.1
2	3.6	5.1	5.7	8.5	5.9	27	9.9	5.2	10	2.7	3.9	2.9
3	2.4	4.2	6.2	9.5	5.8	35	6.2	6.5	8.6	3.0	2.9	2.9
4	e2.5	4.0	6.7	9.6	6.5	17	6.2	9.0	7.1	8.0	3.3	3.0
5	2.7	3.6	8.2	9.3	5.9	12	4.6	e7.9	8.3	2.9	3.0	2.2
6	3.2	4.8	11	12	11	11	4.3	e7.2	9.2	3.0	1.7	1.6
7	3.1	5.5	8.2	10	53	9.5	4.0	6.7	12	6.3	1.9	2.8
8	2.5	5.4	11	8.6	21	9.4	5.7	5.5	10	3.7	2.0	3.0
9	2.7	4.8	8.9	7.8	10	9.4	6.4	8.2	9.3	2.7	e1.8	2.9
10	3.1	6.2	7.1	7.0	7.7	10	19	9.0	7.1	2.0	1.6	2.1
11	3.0	6.5	8.8	6.7	8.3	8.7	13	10	6.6	e2.0	2.5	3.3
12	3.7	6.3	7.3	6.6	9.0	10	11	9.5	4.6	3.0	2.5	3.4
13	3.2	6.1	7.6	9.5	8.5	18	14	9.6	5.8	3.3	e2.2	3.1
14	3.9	8.6	6.6	7.8	7.5	14	11	12	e5.0	3.1	e2.0	7.3
15	4.2	9.2	e6.4	6.3	7.1	10	8.4	12	e4.0	1.8	2.8	10
16	3.5	9.8	e6.3	4.9	6.9	11	7.0	12	4.2	e1.7	3.1	8.1
17	3.4	10	e7.6	3.9	6.2	10	5.8	10	4.8	e1.6	3.8	3.5
18	3.3	9.8	e9.0	3.8	5.4	8.9	5.1	14	3.7	1.7	3.8	3.7
19	4.0	8.1	e7.4	5.5	6.1	e9.8	4.0	15	3.9	e1.6	5.8	6.6
20	3.6	8.0	e7.1	7.7	6.7	e8.7	5.8	12	3.8	e1.5	4.8	4.3
21	3.4	8.5	7.2	e5.5	8.2	e8.4	5.1	12	4.1	e1.5	2.2	3.5
22	3.3	8.7	7.2	e4.7	7.2	e8.3	3.3	11	4.9	1.6	e2.3	3.3
23	3.8	12	7.3	e3.6	6.8	e8.1	3.2	10	4.9	2.0	2.4	2.9
24	3.5	18	7.0	e3.1	5.9	e7.8	5.6	8.0	4.1	1.8	e2.7	2.9
25	4.2	18	7.2	3.3	4.8	e7.7	6.6	10	5.1	6.0	e2.9	2.9
26	4.3	15	7.1	3.9	4.9	e7.5	5.1	11	4.8	3.3	3.7	4.0
27	4.4	10	7.7	4.2	4.7	e7.6	5.8	9.7	3.9	2.8	3.8	6.1
28	4.4	8.7	7.8	4.0	6.8	e8.3	3.6	8.7	3.2	2.4	3.6	4.6
29	4.6	7.9	7.7	4.1	---	7.5	4.7	11	2.8	2.3	3.1	4.0
30	4.3	7.0	8.0	5.5	---	8.0	3.6	11	3.5	1.6	3.3	3.9
31	4.9	---	7.9	5.6	---	11	---	11	---	3.1	3.1	---
TOTAL	110.5	244.7	235.5	200.7	253.8	346.6	214.0	299.7	180.3	87.5	95.8	117.9
MEAN	3.56	8.16	7.60	6.47	9.06	11.2	7.13	9.67	6.01	2.82	3.09	3.93
MAX	4.9	18	11	12	53	35	19	15	12	8.0	7.3	10
MIN	2.4	3.6	5.7	3.1	4.7	7.0	3.2	5.0	2.8	1.5	1.6	1.6
CFSM	0.13	0.29	0.27	0.23	0.32	0.40	0.25	0.35	0.21	0.10	0.11	0.14
IN.	0.15	0.33	0.31	0.27	0.34	0.46	0.28	0.40	0.24	0.12	0.13	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2002, BY WATER YEAR (WY)

MEAN	19.7	18.5	22.8	34.7	42.1	46.1	32.0	20.4	18.0	17.3	17.3	15.5
MAX	171	58.6	60.2	92.7	133	110	78.8	69.2	48.3	53.1	61.5	59.6
(WY)	1991	1993	1965	1995	1995	1980	1962	1964	1994	1964	1964	1998
MIN	3.56	8.00	7.60	6.47	9.06	11.2	7.13	4.92	6.01	2.82	3.09	3.76
(WY)	2002	2001	2002	2002	2002	2002	2002	2001	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1958 - 2002	
ANNUAL TOTAL	3559.7		2387.0			
ANNUAL MEAN	9.75		6.54		25.3	
HIGHEST ANNUAL MEAN					50.1	1991
LOWEST ANNUAL MEAN					6.54	2002
HIGHEST DAILY MEAN	109	Mar 4	53	Feb 7	3800	Oct 12 1990
LOWEST DAILY MEAN	2.0	Jul 20	1.5	Jul 20	1.5	Jul 20 2002
ANNUAL SEVEN-DAY MINIMUM	2.4	Sep 6	1.6	Jul 16	1.6	Jul 16 2002
MAXIMUM PEAK FLOW			66	Feb 7	11400	Oct 12 1990
MAXIMUM PEAK STAGE			6.87	Sep 15	14.02	Oct 12 1990
ANNUAL RUNOFF (CFSM)	0.35		0.23		0.90	
ANNUAL RUNOFF (INCHES)	4.73		3.17		12.26	
10 PERCENT EXCEEDS	18		11		45	
50 PERCENT EXCEEDS	7.1		5.8		16	
90 PERCENT EXCEEDS	3.2		2.7		7.9	

e Estimated

STATION NUMBER 02197600 BRUSHY CREEK NEAR WRENS, GA SOURCE AGENCY USGS STATE 13 COUNTY 163
LATITUDE 331037 LONGITUDE 0821821 NAD27 DRAINAGE AREA 28.00* CONTRIBUTING DRAINAGE AREA DATUM 282.56 NGVD29
Date Processed: 2003-03-10 10:19 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.14	5.43	5.49	5.86	5.36	5.40	5.64	5.60	6.10	6.15	6.39	6.40
2	5.14	5.44	5.46	5.87	5.36	5.71	5.53	5.62	6.09	6.10	6.29	6.39
3	5.05	5.39	5.49	5.91	5.35	5.84	5.43	5.66	6.05	6.13	6.26	6.40
4	5.01	5.38	5.50	5.91	5.36	5.63	5.44	5.73	6.01	6.30	6.28	6.41
5	5.10	5.35	5.53	5.90	5.35	5.54	5.37	5.55	6.07	6.13	6.26	6.35
6	5.14	5.42	5.58	5.97	5.47	5.52	5.36	5.62	6.11	6.14	6.18	6.31
7	5.14	5.45	5.52	5.94	6.01	5.50	5.36	5.70	6.21	6.28	6.20	6.42
8	5.11	5.45	5.64	5.87	5.68	5.49	5.46	5.67	6.19	6.20	6.20	6.44
9	5.13	5.42	5.73	5.84	5.51	5.49	5.50	5.75	6.16	6.13	6.14	6.44
10	5.17	5.49	5.81	5.81	5.43	5.51	5.73	5.78	6.10	6.08	6.18	6.37
11	5.17	5.50	5.88	5.80	5.45	5.47	5.65	5.82	6.09	6.06	6.26	6.47
12	5.23	5.49	5.82	5.79	5.48	5.51	5.61	5.82	6.03	6.17	6.27	6.48
13	5.20	5.48	5.83	5.91	5.46	5.65	5.68	5.83	6.09	6.21	6.11	6.45
14	5.25	5.54	5.80	5.84	5.42	5.58	5.62	5.91	5.96	6.19	6.03	6.67
15	5.28	5.55	---	5.78	5.41	5.51	5.58	5.90	5.93	6.09	6.30	6.78
16	5.25	5.56	---	5.72	5.40	5.52	5.56	5.92	6.07	5.98	6.31	6.70
17	5.25	5.57	---	5.66	5.37	5.51	5.53	5.89	6.12	6.03	6.35	6.48
18	5.25	5.57	---	5.66	5.33	5.47	5.51	5.98	6.08	6.09	6.35	6.50
19	5.30	5.53	---	5.74	5.36	---	5.48	6.03	6.11	5.96	6.44	6.64
20	5.28	5.53	---	5.84	5.39	---	5.55	5.97	6.12	5.99	6.41	6.53
21	5.28	5.54	5.82	5.68	5.45	---	5.54	5.99	6.14	5.97	6.27	6.49
22	5.28	5.54	5.82	4.86	5.41	---	5.45	5.98	6.20	6.10	6.23	6.47
23	5.32	5.60	5.82	4.94	5.40	---	5.47	5.95	6.20	6.14	6.30	6.45
24	5.31	5.69	5.81	5.04	5.35	---	5.57	5.90	6.16	6.13	6.21	6.45
25	5.36	5.69	5.82	5.21	5.30	---	5.60	5.98	6.21	6.31	6.23	6.46
26	5.38	5.66	5.82	5.25	5.31	---	5.57	6.01	6.21	6.25	6.39	6.53
27	5.39	5.57	5.84	5.27	5.29	---	5.60	5.99	6.16	6.23	6.40	6.63
28	5.40	5.54	5.84	5.26	5.39	---	5.52	5.97	6.12	6.21	6.40	6.56
29	5.41	5.53	5.84	5.26	---	5.43	5.58	6.04	6.10	6.20	6.38	6.52
30	5.39	5.51	5.85	5.34	---	5.46	5.54	6.08	6.16	6.14	6.40	6.52
31	5.43	---	5.85	5.34	---	5.55	---	6.09	---	6.26	6.39	---
MEAN	5.24	5.51	---	5.62	5.42	---	5.53	5.86	6.11	6.14	6.28	6.49
MAX	5.43	5.69	---	5.97	6.01	---	5.73	6.09	6.21	6.31	6.44	6.78
MIN	5.01	5.35	---	4.86	5.29	---	5.36	5.55	5.93	5.96	6.03	6.31

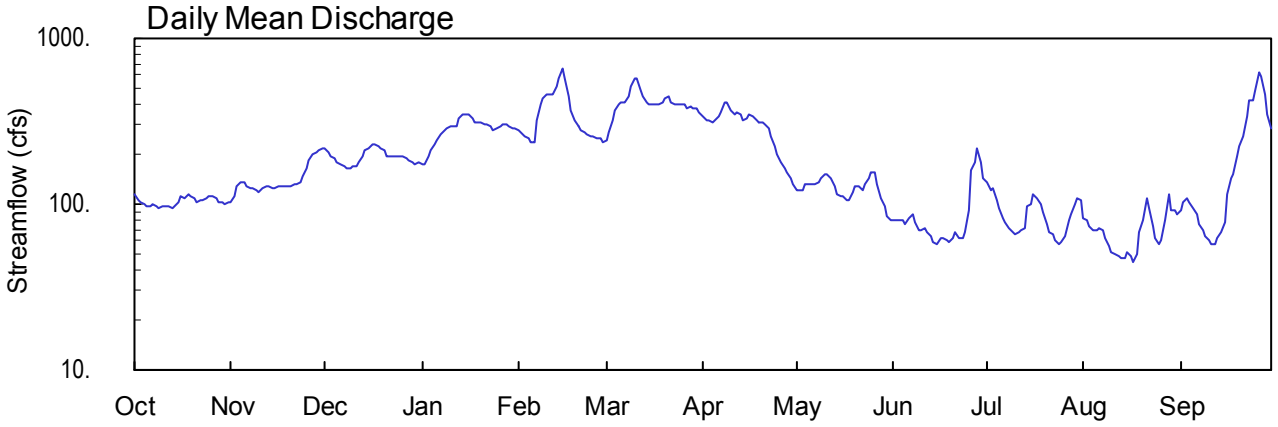
SAVANNAH RIVER BASIN

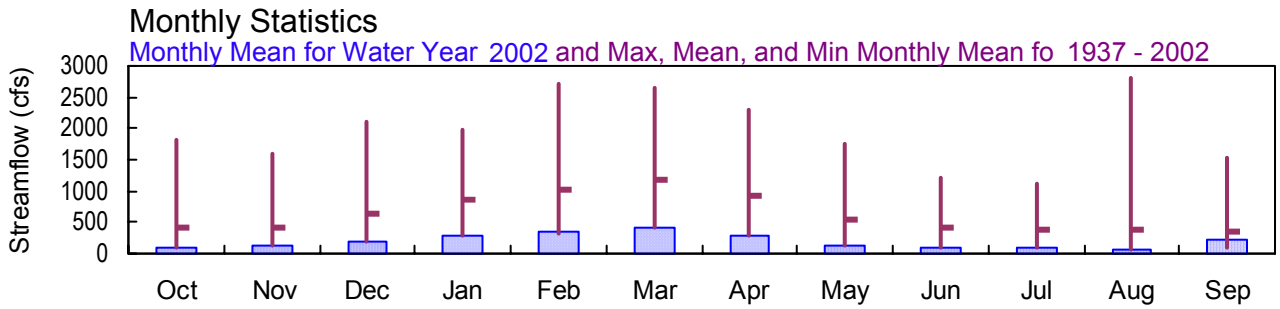
2002 Water Year

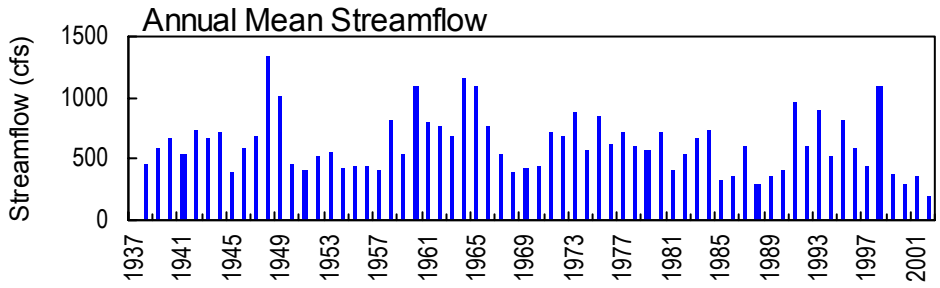
02198000 BRIER CREEK AT MILLHAVEN, GA

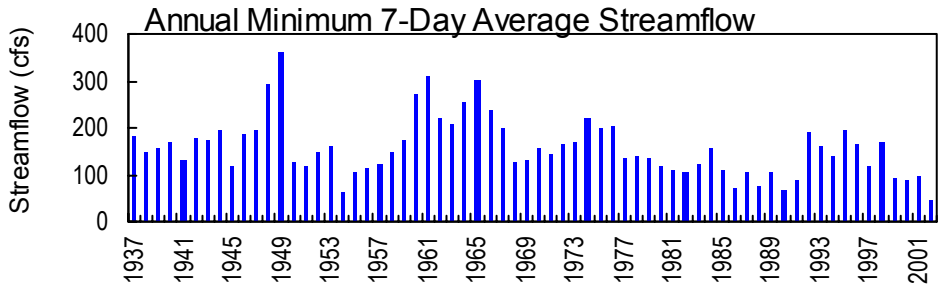
Latitude: 32°56'00" Longitude: 81°39'05" Hydrologic Unit Code: 03060108 Screven County

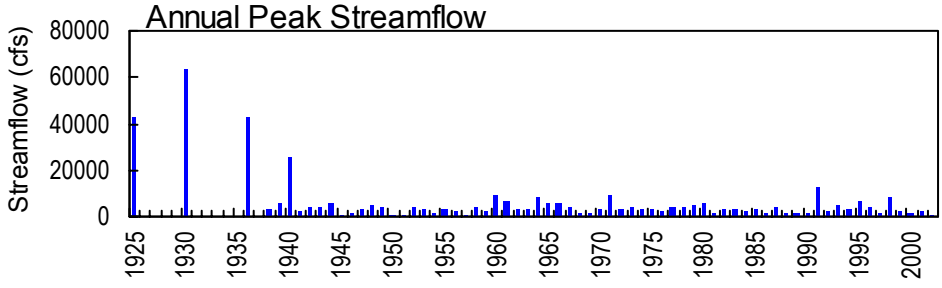
Drainage Area: 646. mi^2 Datum: 95.88 feet

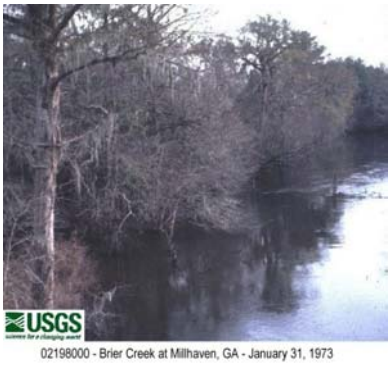












02198000 - Brier Creek at Millhaven, GA - January 31, 1973

SAVANNAH RIVER BASIN
2002 Water Year

02198000 BRIER CREEK AT MILLHAVEN, GA

LOCATION.—Lat 32°56'00", long 81°39'05" referenced to North American Datum (NAD) of 1927, Screven County, Hydrologic Unit 03060108, near right bank on downstream side of pier of Girard-Millhaven Road bridge at Millhaven, 8.5 miles upstream from Beaverdam Creek.

DRAINAGE AREA.—646 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1936 to current year. Monthly discharges only for October 1936 to April 1937, published in WSP 1303.

REVISED RECORDS.—WSP 1383: Drainage area. WSP 1503: 1956.

GAGE.—Water-stage recorder. Datum of gage is 95.88 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to June 7, 1950, a non-recording gage was located at a site 200 feet downstream at same datum. From June 7, 1950 to April 30, 1951, a non-recording gage was located at present site and datum.

REMARKS.—Records good, except for estimated period of discharge, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1797, 25.1 feet in September or October 1929, from information provided by the Georgia Department of Transportation; discharge, 64,000 ft^3/s, by slope-conveyance study.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb.15	1045	676*	5.27*

02198000 BRIER CREEK AT MILLHAVEN, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1936 to current year. Monthly discharges only for October 1936 to April 1937, published in WSP 1303.

REVISED RECORDS.—WSP 1383: Drainage area. WSP 1503: 1956.

GAGE.—Water-stage recorder. Datum of gage is 95.88 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to June 7, 1950, a non-recording gage was located at a site 200 feet downstream at same datum. From June 7, 1950, to April 30, 1951, a non-recording gage was located at present site and datum.

REMARKS.—Records good.

EXTREMES FOR CURENT YEAR.—Maximum gage-height recorded, 5.27 feet, February 15; minimum gage-height recorded, -0.61 feet, August 17-18.

STATION NUMBER 02198000 BRIER CREEK AT MILLHAVEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 251
LATITUDE 325600 LONGITUDE 0813905 NAD27 DRAINAGE AREA 646.00* CONTRIBUTING DRAINAGE AREA DATUM 95.88 NGVD29
Date Processed: 2003-03-10 10:23 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	114	103	217	175	280	246	e338	123	81	136	82	93
2	107	112	207	176	271	268	e324	122	81	122	79	104
3	102	129	196	192	259	322	e317	121	80	124	74	109
4	99	137	188	213	247	366	315	131	79	106	69	104
5	98	134	180	233	236	398	321	131	76	94	69	95
6	98	128	174	246	236	409	336	131	82	82	72	86
7	100	126	170	262	320	416	363	131	86	77	69	76
8	98	124	167	272	400	452	406	136	77	72	62	69
9	95	121	167	285	438	508	416	143	70	69	56	65
10	97	119	170	292	464	578	371	151	70	66	52	61
11	96	124	171	293	459	575	349	152	72	67	50	57
12	96	129	177	297	460	480	357	143	68	70	49	57
13	94	127	192	329	508	451	348	129	64	72	47	62
14	96	124	209	348	582	e417	322	115	59	97	47	67
15	103	125	220	353	663	e403	328	112	58	100	51	77
16	111	127	228	347	571	e400	346	112	62	114	49	116
17	108	127	227	327	446	e402	336	106	63	110	45	142
18	115	130	224	314	369	e403	320	105	60	99	50	150
19	112	129	218	309	322	e414	314	118	59	90	67	196
20	108	129	210	308	296	e440	310	127	62	75	79	225
21	104	133	197	305	283	e449	304	129	67	68	108	259
22	105	132	192	300	273	e416	285	122	62	66	95	340
23	106	136	192	291	266	e405	258	131	63	60	73	422
24	108	147	194	283	260	e402	225	143	67	57	62	429
25	111	163	193	285	255	e398	200	158	91	59	58	488
26	111	185	192	293	253	e395	177	155	160	65	61	631
27	108	198	187	301	247	e383	164	131	181	80	81	598
28	104	206	183	301	239	e393	155	108	216	87	115	460
29	103	213	179	293	---	e384	143	96	180	100	93	345
30	99	218	176	286	---	e374	131	85	143	109	91	289
31	102	---	177	285	---	e362	---	80	---	105	88	---
TOTAL	3208	4235	5974	8794	9903	12709	8879	3877	2639	2698	2143	6272
MEAN	103	141	193	284	354	410	296	125	88.0	87.0	69.1	209
MAX	115	218	228	353	663	578	416	158	216	136	115	631
MIN	94	103	167	175	236	246	131	80	58	57	45	57
CFSM	0.16	0.22	0.30	0.44	0.55	0.63	0.46	0.19	0.14	0.13	0.11	0.32
IN.	0.18	0.24	0.34	0.51	0.57	0.73	0.51	0.22	0.15	0.16	0.12	0.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	399	430	637	850	1007	1188	921	535	411	368	396	339
MAX	1814	1580	2091	1990	2709	2635	2304	1759	1211	1103	2817	1544
(WY)	1991	1948	1949	1993	1960	1948	1961	1964	1973	1941	1940	1964
MIN	103	141	193	284	304	410	294	125	88.2	87.5	69.4	102
(WY)	2002	2002	2002	2002	1989	2002	1985	2002	2002	2002	2002	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	121374		71387			
ANNUAL MEAN	333		196		621	
HIGHEST ANNUAL MEAN					1339	1948
LOWEST ANNUAL MEAN					196	2002
HIGHEST DAILY MEAN	2490	Jun 18	663	Feb 15	22100	Aug 16 1940
LOWEST DAILY MEAN	94	Aug 9	45	Aug 17	45	Aug 17 2002
ANNUAL SEVEN-DAY MINIMUM	96	Oct 8	48	Aug 11	48	Aug 11 2002
MAXIMUM PEAK FLOW			676	Feb 15	25400	Aug 16 1940
MAXIMUM PEAK STAGE			5.27	Feb 15	17.40	Aug 16 1940
INSTANTANEOUS LOW FLOW					62	Jul 9 1990
ANNUAL RUNOFF (CFSM)	0.51		0.30		0.96	
ANNUAL RUNOFF (INCHES)	6.99		4.11		13.05	
10 PERCENT EXCEEDS	809		400		1250	
50 PERCENT EXCEEDS	198		142		446	
90 PERCENT EXCEEDS	105		67		181	

e Estimated

STATION NUMBER 02198000 BRIER CREEK AT MILLHAVEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 251
LATITUDE 325600 LONGITUDE 0813905 NAD27 DRAINAGE AREA 646.00* CONTRIBUTING DRAINAGE AREA DATUM 95.88 NGVD29
Date Processed: 2003-03-10 10:21 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.61	0.42	1.97	1.47	2.62	2.28	---	0.79	0.18	1.08	0.25	0.43
2	0.48	0.57	1.85	1.48	2.53	2.50	---	0.78	0.19	0.88	0.19	0.61
3	0.40	0.83	1.72	1.67	2.41	3.02	---	0.77	0.16	0.90	0.09	0.68
4	0.34	0.95	1.63	1.92	2.29	3.38	2.95	0.93	0.15	0.63	0.00	0.60
5	0.32	0.90	1.53	2.14	2.18	3.64	3.01	0.92	0.11	0.45	0.00	0.47
6	0.33	0.83	1.45	2.28	2.18	3.73	3.14	0.92	0.22	0.24	0.05	0.32
7	0.37	0.79	1.41	2.44	2.98	3.79	3.36	0.93	0.29	0.15	0.0	0.13
8	0.32	0.76	1.37	2.54	3.66	4.04	3.70	1.00	0.14	0.05	-0.17	0.0
9	0.28	0.72	1.37	2.67	3.95	4.40	3.78	1.10	0.00	0.0	-0.32	-0.09
10	0.32	0.68	1.40	2.74	4.12	4.82	3.43	1.20	0.0	-0.06	-0.43	-0.19
11	0.30	0.75	1.41	2.75	4.09	4.80	3.25	1.22	0.05	-0.06	-0.46	-0.29
12	0.28	0.83	1.49	2.79	4.10	4.23	3.31	1.10	-0.03	0.02	-0.50	-0.31
13	0.26	0.81	1.68	3.07	4.40	4.04	3.24	0.91	-0.13	0.06	-0.57	-0.22
14	0.29	0.77	1.87	3.24	4.84	---	3.01	0.70	-0.25	0.50	-0.54	-0.11
15	0.42	0.77	2.00	3.28	5.22	---	3.06	0.65	-0.27	0.54	-0.44	0.08
16	0.55	0.81	2.09	3.23	4.77	---	3.22	0.66	-0.16	0.76	-0.50	0.73
17	0.50	0.80	2.08	3.06	3.99	---	3.14	0.56	-0.13	0.70	-0.61	1.10
18	0.61	0.86	2.05	2.95	3.41	---	3.00	0.55	-0.22	0.54	-0.47	1.20
19	0.56	0.84	1.98	2.90	3.02	---	2.95	0.76	-0.23	0.37	-0.05	1.73
20	0.49	0.83	1.88	2.89	2.77	---	2.91	0.89	-0.16	0.11	0.18	2.06
21	0.43	0.90	1.74	2.86	2.65	---	2.85	0.92	-0.05	-0.02	0.66	2.41
22	0.45	0.88	1.68	2.81	2.55	---	2.67	0.83	-0.16	-0.07	0.46	3.16
23	0.47	0.93	1.68	2.73	2.48	---	2.40	0.95	-0.14	-0.21	0.08	3.82
24	0.49	1.10	1.69	2.65	2.42	---	2.05	1.13	-0.04	-0.29	-0.16	3.88
25	0.54	1.31	1.69	2.67	2.37	---	1.78	1.32	0.38	-0.23	-0.27	4.27
26	0.55	1.58	1.68	2.75	2.35	---	1.51	1.28	1.35	-0.10	-0.18	5.08
27	0.50	1.74	1.61	2.82	2.29	---	1.35	0.96	1.59	0.20	0.21	4.91
28	0.43	1.85	1.56	2.82	2.20	---	1.23	0.63	1.96	0.34	0.78	4.07
29	0.42	1.92	1.51	2.75	---	---	1.08	0.43	1.58	0.54	0.44	3.16
30	0.36	1.98	1.48	2.68	---	---	0.91	0.26	1.16	0.69	0.40	2.65
31	0.39	---	1.49	2.67	---	---	---	0.16	---	0.62	0.36	---
MEAN	0.42	0.99	1.68	2.64	3.17	---	---	0.85	0.25	0.30	-0.05	1.54
MAX	0.61	1.98	2.09	3.28	5.22	---	---	1.32	1.96	1.08	0.78	5.08
MIN	0.26	0.42	1.37	1.47	2.18	---	---	0.16	-0.27	-0.29	-0.61	-0.31

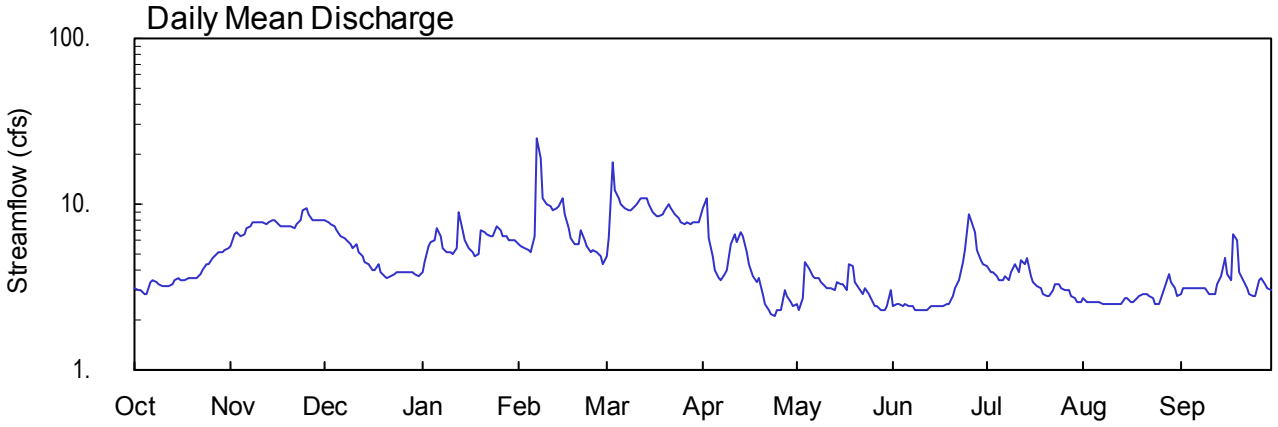
SAVANNAH RIVER BASIN

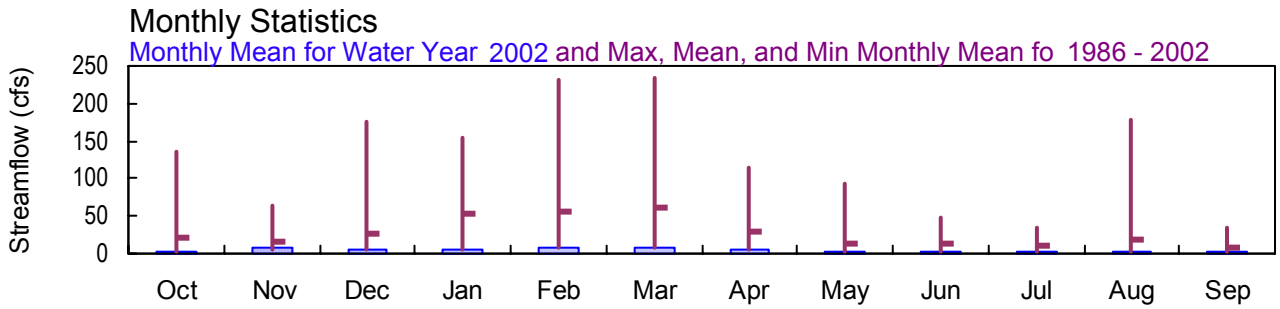
2002 Water Year

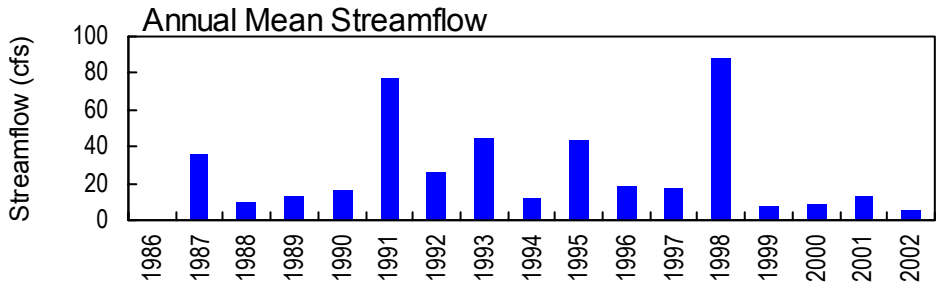
02198100 BEAVERDAM CREEK NEAR SARDIS, GA

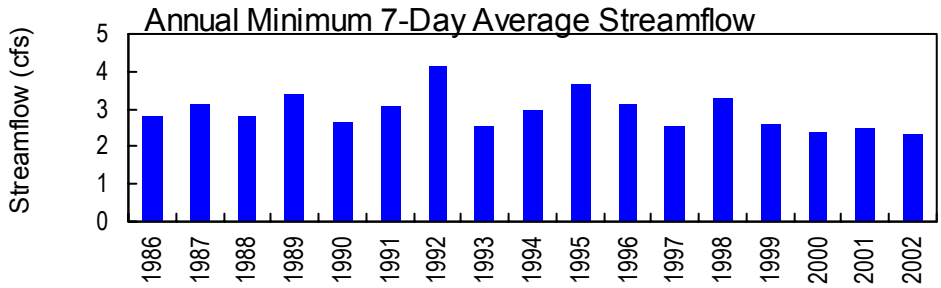
Latitude: 32°56'15" Longitude: 81°48'56" Hydrologic Unit Code: 03060108 Burke County

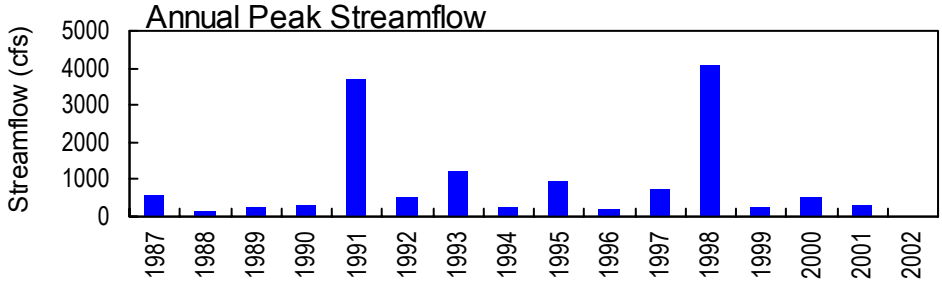
Drainage Area: 30.8 mi^2 Datum: 186.48 feet











02198100 Beaverdam Creek near Sardis, GA
September 4, 1991

SAVANNAH RIVER BASIN
2002 Water Year

02198100 BEAVERDAM CREEK NEAR SARDIS, GA

LOCATION.—Lat 32°56'15", long 81°48'56" referenced to North American Datum (NAD) of 1927, Burke-Jenkins County line, Hydrologic Unit 03060108, at downstream side of bridge on GA 23, 0.8 miles downstream from Slough Branch, and 4.2 miles southwest of Sardis.

DRAINAGE AREA.—30.8 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—June 1986 to current year.

GAGE.—Water-stage recorder. Datum of gage is 186.48 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good, except for the periods of estimated daily discharge, which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 400 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Sep. 18	1915	17.0*	2.20*

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1986 to current year.

GAGE.—Water-stage recorder. Datum of gage is 186.48 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 2.20 feet, September 18; minimum gage-height recorded, 1.18 feet, August 12.

STATION NUMBER 02198100 BEAVERDAM CREEK NEAR SARDIS, GA SOURCE AGENCY USGS STATE 13 COUNTY 033
LATITUDE 325615 LONGITUDE 0814856 NAD27 DRAINAGE AREA 30.80* CONTRIBUTING DRAINAGE AREA DATUM 186.48 NGVD29
Date Processed: 2003-03-10 10:25 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	5.6	7.9	3.9	e5.8	e4.9	e9.4	2.5	e2.4	4.2	2.7	e2.9
2	3.0	6.6	7.7	4.5	e5.6	e6.2	e11	2.3	e2.5	3.9	2.6	e3.1
3	3.0	6.8	7.5	5.6	e5.5	e18	e6.2	2.7	e2.5	3.9	2.6	e3.1
4	2.9	6.4	7.3	5.9	e5.3	e12	4.8	4.5	e2.4	3.7	2.6	e3.1
5	2.9	6.6	6.9	6.1	e5.1	e11	4.0	4.1	e2.5	3.5	2.6	e3.1
6	3.4	7.1	6.5	7.1	e6.5	e9.9	3.6	3.7	e2.4	3.5	2.6	e3.1
7	3.5	7.3	6.3	6.5	e25	e9.5	3.5	3.6	e2.4	3.7	2.5	e3.1
8	3.4	7.7	6.0	5.5	e19	e9.1	3.8	3.6	e2.3	3.5	2.5	e3.1
9	3.3	7.7	5.7	5.2	e11	e9.1	4.0	3.4	e2.3	3.9	2.5	e3.1
10	3.2	7.8	5.4	5.2	e10	e9.6	5.7	3.2	e2.3	4.3	2.5	2.9
11	3.2	7.7	5.7	5.0	e9.7	e10	6.6	3.1	e2.3	3.9	2.5	2.9
12	3.2	7.6	5.1	5.4	e9.2	e11	5.9	3.1	e2.3	4.6	2.5	2.9
13	3.3	7.7	4.9	9.0	e9.5	e11	6.7	3.0	e2.4	4.4	2.5	3.3
14	3.5	8.0	4.5	6.9	e9.7	e11	6.4	3.4	e2.4	4.7	2.7	3.7
15	3.6	8.0	4.3	6.1	e11	e10	5.1	3.3	e2.4	3.7	2.7	4.7
16	3.5	7.6	4.0	5.4	e8.8	e9.0	4.3	3.3	e2.4	3.4	e2.6	3.8
17	3.5	7.4	4.0	5.1	e7.2	e8.5	3.7	3.0	e2.4	3.2	e2.6	3.5
18	3.6	7.4	4.4	4.9	e6.2	e8.4	3.4	4.4	e2.5	3.1	e2.7	6.6
19	3.6	7.4	3.9	5.0	e5.8	e8.8	3.6	4.2	e2.5	2.9	e2.8	6.0
20	3.6	7.3	3.7	6.9	e5.8	e9.3	2.9	3.4	e2.8	2.8	e2.9	3.9
21	3.6	7.2	3.6	6.8	e6.9	e10	2.5	3.1	e3.1	2.8	e2.9	3.5
22	3.8	7.5	3.7	6.6	e6.1	e9.5	2.3	e2.9	e3.5	3.0	e2.8	3.1
23	4.0	8.0	3.8	6.5	e5.6	e8.7	2.2	e3.1	4.5	3.3	e2.7	2.9
24	4.3	9.1	3.9	6.5	e5.2	e8.2	2.1	e2.9	5.3	3.3	e2.5	2.8
25	4.4	9.4	3.9	7.3	e5.3	e7.7	2.3	e2.7	8.7	3.1	e2.5	2.8
26	4.7	8.7	3.9	6.9	e5.2	e7.6	2.3	e2.4	7.9	3.0	e2.7	3.5
27	5.0	8.1	3.9	6.5	e4.8	e7.7	3.0	e2.4	6.8	3.0	e3.2	3.6
28	5.1	7.9	3.9	6.4	e4.3	e7.6	2.8	e2.3	5.3	2.8	e3.8	3.3
29	5.2	7.9	3.9	6.1	---	e7.7	2.6	e2.3	4.6	2.7	e3.4	3.1
30	5.3	8.0	3.8	6.0	---	e7.8	2.4	e2.4	4.4	2.6	e3.1	3.0
31	5.4	---	3.7	e6.1	---	e7.8	---	e3.0	---	2.6	e2.8	---
TOTAL	117.1	227.5	153.7	186.9	225.1	286.6	129.1	97.3	102.5	107.0	84.6	103.5
MEAN	3.78	7.58	4.96	6.03	8.04	9.25	4.30	3.14	3.42	3.45	2.73	3.45
MAX	5.4	9.4	7.9	9.0	25	18	11	4.5	8.7	4.7	3.8	6.6
MIN	2.9	5.6	3.6	3.9	4.3	4.9	2.1	2.3	2.3	2.6	2.5	2.8
CFSM	0.12	0.25	0.16	0.20	0.26	0.30	0.14	0.10	0.11	0.11	0.09	0.11
IN.	0.14	0.27	0.19	0.23	0.27	0.35	0.16	0.12	0.12	0.13	0.10	0.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2002, BY WATER YEAR (WY)

MEAN	21.2	16.6	26.5	52.2	55.5	62.3	29.8	14.1	12.4	9.44	18.2	8.33
MAX	135	63.5	176	153	232	233	114	92.8	49.1	34.3	179	34.5
(WY)	1991	1993	1998	1998	1998	1998	1998	1991	1992	1991	1991	1992
MIN	3.46	4.84	4.95	6.03	8.04	8.84	4.30	3.14	3.23	2.93	2.73	3.17
(WY)	2001	1994	1999	2002	2002	1999	2002	2002	1990	2000	2002	1993

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1986 - 2002	
ANNUAL TOTAL	4772.3		1820.9			
ANNUAL MEAN	13.1		4.99		27.2	
HIGHEST ANNUAL MEAN					88.0	1998
LOWEST ANNUAL MEAN					4.99	2002
HIGHEST DAILY MEAN	241	Mar 16	25	Feb 7	3010	Mar 9 1998
LOWEST DAILY MEAN	2.4	Sep 20	2.1	Apr 24	2.1	Apr 24 2002
ANNUAL SEVEN-DAY MINIMUM	2.5	Sep 17	2.3	Jun 6	2.3	Jun 6 2002
MAXIMUM PEAK FLOW					4070	Mar 9 1998
MAXIMUM PEAK STAGE			2.20	Sep 18	8.49	Mar 9 1998
INSTANTANEOUS LOW FLOW					2.1	Jul 22 2000
ANNUAL RUNOFF (CFSM)	0.42		0.16		0.88	
ANNUAL RUNOFF (INCHES)	5.76		2.20		12.01	
10 PERCENT EXCEEDS	24		8.6		58	
50 PERCENT EXCEEDS	5.5		3.9		7.1	
90 PERCENT EXCEEDS	3.2		2.5		3.3	

e Estimated

STATION NUMBER 02198100 BEAVERDAM CREEK NEAR SARDIS, GA SOURCE AGENCY USGS STATE 13 COUNTY 033
LATITUDE 325615 LONGITUDE 0814856 NAD27 DRAINAGE AREA 30.80* CONTRIBUTING DRAINAGE AREA DATUM 186.48 NGVD29
Date Processed: 2003-03-10 10:25 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.43	1.78	1.85	1.52	---	---	---	1.42	---	1.40	1.23	---
2	1.43	1.86	1.84	1.57	---	---	---	1.39	---	1.37	1.22	---
3	1.44	1.86	1.83	1.67	---	---	---	1.44	---	1.37	1.22	---
4	1.44	1.83	1.81	1.70	---	---	1.67	1.63	---	1.35	1.22	---
5	1.44	1.85	1.78	1.71	---	---	1.59	1.60	---	1.33	1.22	---
6	1.51	1.88	1.75	1.79	---	---	1.55	1.55	---	1.33	1.22	---
7	1.53	1.89	1.73	1.75	---	---	1.53	1.55	---	1.35	1.21	---
8	1.52	1.91	1.71	1.67	---	---	1.57	1.54	---	1.32	1.21	---
9	1.52	1.91	1.68	1.64	---	---	1.59	1.53	---	1.36	1.21	---
10	1.53	1.91	1.66	1.64	---	---	1.74	1.50	---	1.41	1.21	1.26
11	1.53	1.90	1.68	1.62	---	---	1.82	1.49	---	1.37	1.21	1.25
12	1.54	1.89	1.63	1.65	---	---	1.76	1.49	---	1.44	1.20	1.26
13	1.55	1.89	1.61	1.93	---	---	1.82	1.48	---	1.42	1.21	1.30
14	1.58	1.91	1.58	1.78	---	---	1.80	1.53	---	1.44	1.24	1.35
15	1.58	1.90	1.56	1.72	---	---	1.69	1.51	---	1.35	1.23	1.45
16	1.57	1.87	1.53	1.66	---	---	1.62	1.52	---	1.32	---	1.36
17	1.57	1.85	1.53	1.63	---	---	1.56	1.48	---	1.29	---	1.32
18	1.58	1.85	1.57	1.61	---	---	1.53	1.62	---	1.28	---	1.55
19	1.59	1.84	1.52	1.62	---	---	1.55	1.61	---	1.26	---	1.56
20	1.59	1.83	1.50	1.78	---	---	1.46	1.52	---	1.24	---	1.39
21	1.59	1.83	1.49	1.78	---	---	1.42	1.49	---	1.25	---	1.36
22	1.61	1.83	1.50	1.76	---	---	1.39	---	1.53	1.27	---	1.34
23	1.63	1.87	1.51	1.75	---	---	1.38	---	1.54	1.30	---	1.32
24	1.66	1.95	1.52	1.75	---	---	1.37	---	1.55	1.30	---	1.31
25	1.67	1.96	1.52	1.81	---	---	1.39	---	1.76	1.27	---	1.32
26	1.69	1.91	1.52	1.78	---	---	1.39	---	1.70	1.27	---	1.39
27	1.72	1.87	1.52	1.75	---	---	1.48	---	1.62	1.27	---	1.41
28	1.73	1.86	1.52	1.74	---	---	1.45	---	1.50	1.25	---	1.37
29	1.74	1.86	1.52	1.72	---	---	1.43	---	1.43	1.24	---	1.35
30	1.75	1.86	1.51	1.71	---	---	1.41	---	1.41	1.23	---	1.34
31	1.76	---	1.50	---	---	---	---	---	---	1.22	---	---
MEAN	1.58	1.87	1.61	---	---	---	---	---	---	1.32	---	---
MAX	1.76	1.96	1.85	---	---	---	---	---	---	1.44	---	---
MIN	1.43	1.78	1.49	---	---	---	---	---	---	1.22	---	---

SAVANNAH RIVER BASIN
2002 Water Year

02198500 SAVANNAH RIVER NEAR CLYO, GA

LOCATION.—Lat 32°31'41" (revised), long 81°16'08" (revised) referenced to North American Datum (NAD) of 1927, Effingham County, GA-Jasper County, SC, Hydrologic Unit 03060109, at Georgia-South Carolina State Line, on downstream side of State Highway 119 bridge, 3.0 miles north of Clyo, and at mile 61.4.

DRAINAGE AREA.—9,850 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1929 to September 1933, October 1937 to current year. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

REVISED RECORDS.—WSP 1112: 1940.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 13.39 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to January 31, 1933, a non-recording gage was located at the same site and at datum 4.00 feet higher. From January 31, 1933 to June 12, 1945, a non-recording gage was located at the same site and datum.

REMARKS.—Records good, except for estimated daily discharges, which are fair. Flow is regulated by Thurmond Lake (see station 02194500), and by other power plants above the station. This station is operated by the USGS, South Carolina District. For more information, please check http://sc.water.usgs.gov.

STATION NUMBER 02198500 SAVANNAH RIVER NEAR CLYO, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 323141 LONGITUDE 0811608 NAD27 DRAINAGE AREA 9850* CONTRIBUTING DRAINAGE AREA DATUM 13.39 NGVD29
Date Processed: 2003-03-13 06:15 By sellisor
APPROVED RECORD
DISCHARGE ,PUBLISHED, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4850	5020	5280	5440	5640	5630	5800	5060	4810	4760	4760	e4860
2	4840	5040	5180	5410	5450	5830	5910	5000	4790	4730	4750	e4890
3	4860	5010	5170	5480	5320	6130	6930	4990	4970	4710	4770	e4920
4	4910	5000	5170	5470	5250	6360	7900	5030	5340	4710	4770	e4940
5	4920	4990	5270	5590	5210	6540	7530	5050	5260	4750	4750	5050
6	4930	4940	5410	5740	5230	6820	6980	5010	5040	4790	4710	5250
7	4920	4950	5380	5700	5590	7750	6180	5180	4960	4910	4680	5120
8	4860	4970	5250	5620	6240	7280	5960	5530	4910	4910	4630	4790
9	4830	4910	5270	5680	7150	6300	5880	5340	4940	4910	4650	4620
10	4850	4930	5270	5850	8030	5820	5950	5090	4900	4800	4690	4540
11	5060	4990	5190	5870	7940	5620	6020	5010	4800	4680	4750	4550
12	5310	4990	5200	5810	7200	5590	5820	4960	4730	4680	4790	4540
13	5150	4960	5730	5800	6920	5660	5750	4930	4680	4810	4700	4480
14	4940	4940	5850	5610	6500	5910	5760	4910	4650	4910	4590	4420
15	4860	4970	5560	5600	6060	6230	5850	4970	4630	4890	4580	4460
16	4860	5030	5330	5600	5870	6220	5950	5230	4630	4870	4630	4650
17	4890	5050	5190	5600	5860	6150	6070	5230	4630	4940	4520	5170
18	4990	4970	5130	5800	5900	5980	5900	5020	4610	4940	4410	5510
19	5200	4950	5170	5890	5890	5990	5720	4960	4610	4890	4450	5520
20	5290	4920	5420	5780	5840	6060	5890	4980	4640	4850	e4600	5540
21	5230	4900	5500	5590	5870	5910	5820	5160	4780	4800	e4900	5770
22	5090	5040	5310	5440	5830	5710	5520	5410	4950	4780	e5210	6470
23	4970	5110	5240	5410	5740	5820	5440	5380	4910	4700	4700	6360
24	4930	5040	5310	5510	5760	6130	5580	5170	4780	4770	4380	5820
25	4940	5060	5260	5600	5740	6150	5650	5170	4770	4880	4320	5540
26	4950	5260	5170	5570	5630	6120	5440	5210	4840	4840	4370	5450
27	4930	5310	5300	5480	5510	5800	5230	5290	4810	4760	4530	5190
28	4860	5340	5530	5430	5590	5610	5170	5190	4810	4740	4670	4970
29	4820	5410	5780	5450	---	5540	5170	4970	4800	4760	4620	4950
30	4860	5430	5770	5630	---	5640	5130	4870	4780	4770	4760	5220
31	4910	---	5620	5740	---	5860	---	4840	---	4730	e4840	---
TOTAL	153810	151430	166210	174190	168760	188160	177900	158140	144760	148970	144480	153560
MEAN	4962	5048	5362	5619	6027	6070	5930	5101	4825	4805	4661	5119
MAX	5310	5430	5850	5890	8030	7750	7900	5530	5340	4940	5210	6470
MIN	4820	4900	5130	5410	5210	5540	5130	4840	4610	4680	4320	4420
CFSM	0.50	0.51	0.54	0.57	0.61	0.62	0.60	0.52	0.49	0.49	0.47	0.52
IN.	0.58	0.57	0.63	0.66	0.64	0.71	0.67	0.60	0.55	0.56	0.55	0.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2002, BY WATER YEAR (WY)

MEAN	9120	8677	11100	14090	15850	18230	17020	11570	9421	8695	8936	8107
MAX	83660	26510	39150	43930	42490	39350	55680	33890	27770	21260	32850	23520
(WY)	1930	1948	1949	1993	1998	1998	1964	1964	1973	1941	1940	1964
MIN	2772	3233	5122	5619	6027	6070	5698	4873	4825	4635	4661	3098
(WY)	1932	1932	1940	2002	2002	2002	2000	1941	2002	1952	2002	1931

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	2294130		1930370			
ANNUAL MEAN	6285		5289		11710	
HIGHEST ANNUAL MEAN					20900	1964
LOWEST ANNUAL MEAN					5289	2002
HIGHEST DAILY MEAN	14100	Mar 20	8030	Feb 10	203000	Oct 2 1929
LOWEST DAILY MEAN	4820	Oct 29	4320	Aug 25	1950	Sep 27 1931
ANNUAL SEVEN-DAY MINIMUM	4890	Sep 30	4510	Aug 23	2470	Sep 23 1931
MAXIMUM PEAK FLOW			8260	Feb 10	270000	Oct 6 1929
MAXIMUM PEAK STAGE			5.77	Feb 10	29.70	Oct 6 1929
ANNUAL RUNOFF (CFSM)	0.64		0.54		1.19	
ANNUAL RUNOFF (INCHES)	8.66		7.29		16.16	
10 PERCENT EXCEEDS	8600		5930		21600	
50 PERCENT EXCEEDS	5630		5170		8740	
90 PERCENT EXCEEDS	4950		4700		5570	

e Estimated

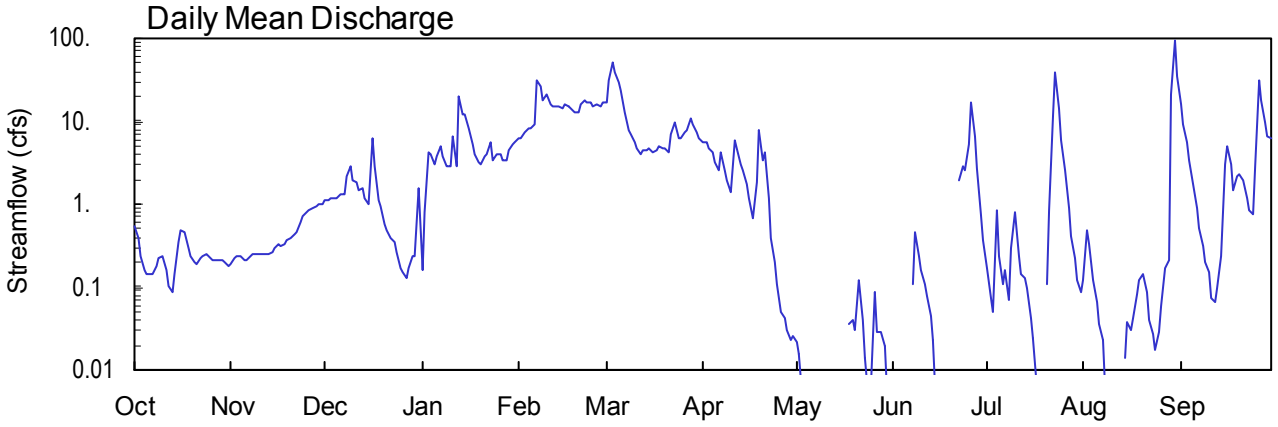
SAVANNAH RIVER BASIN

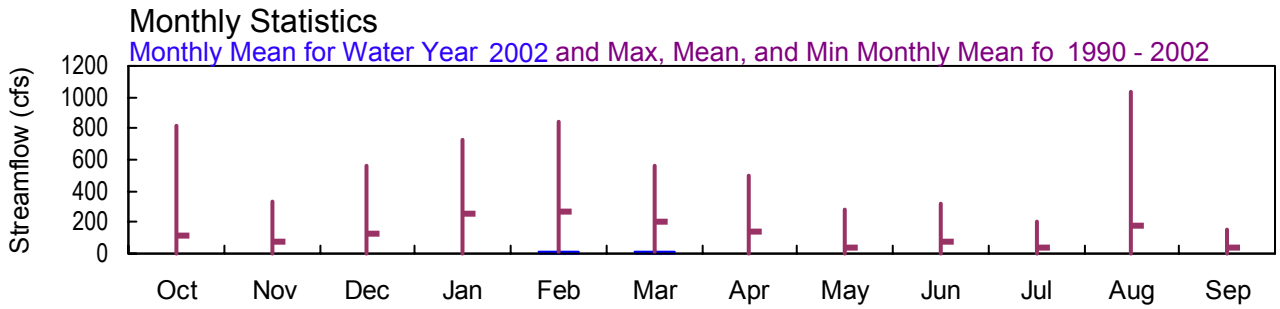
2002 Water Year

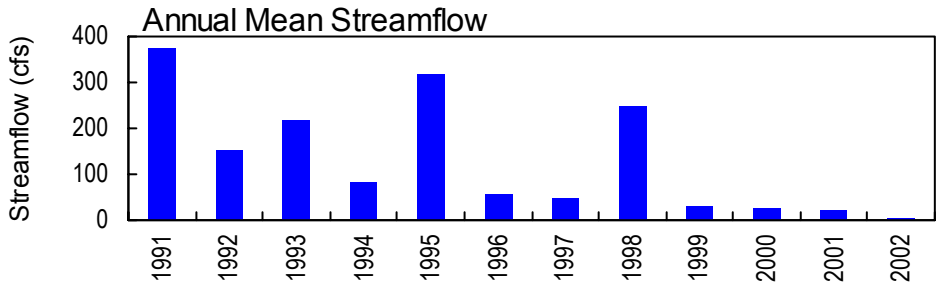
02198690 EBENEZER CREEK AT SPRINGFIELD, GA

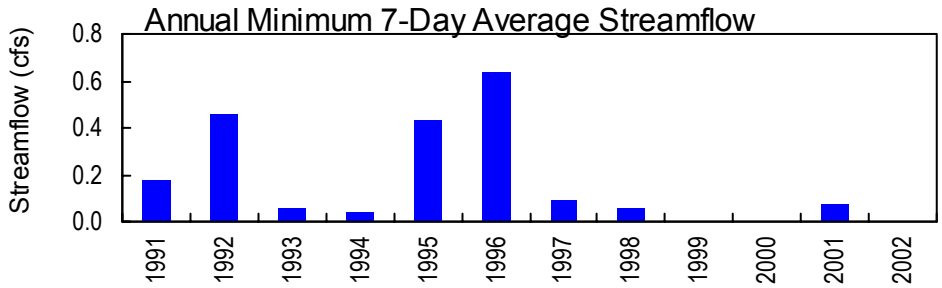
Latitude: 32°21'56" Longitude: 81°17'51" Hydrologic Unit Code: 03060109 Effingham County

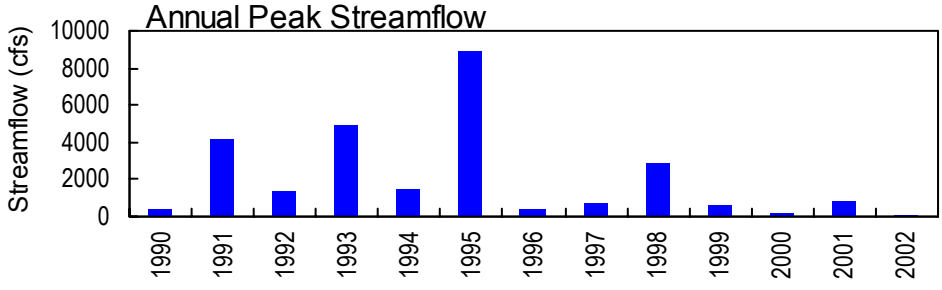
Drainage Area: 181. mi^2 Datum: 20.00 feet











02198690 EBENEZER CREEK AT SPRINGFIELD, GA

LOCATION.—Lat 32°21'56", long 81°17'51" referenced to North American Datum (NAD) of 1927, Effingham County, Hydrologic Unit 03060109, at downstream side of bridge pier on Stillwell Road, 0.5 miles east of Springfield, and 3.0 miles upstream from Little Ebenezer Creek.

DRAINAGE AREA.—181 mi^2.

COOPERATION.—City of Springfield.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1990 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Elevation of gage is 20.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Prior to April 25, 1990, a non-recording gage was located at same site and datum.

REMARKS.—Records good, except those less than 5.0 ft^3/s, which are fair. Daily values table for 2001 water year revised.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Aug. 30	0845	119*	6.23*

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1990 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Elevation of gage is 20.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Prior to April 25, 1990, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.23 feet, August 30; minimum gage-height recorded, 2.96 feet, June 6, 7, 19, 20.

STATION NUMBER 02198690 EBENEZER CREEK AT SPRINGFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 322156 LONGITUDE 0811751 NAD27 DRAINAGE AREA 181.0 CONTRIBUTING DRAINAGE AREA 181.0* DATUM 20 NGVD29
Date Processed: 2003-03-10 11:15 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.53	0.19	1.1	0.16	6.2	17	5.6	0.02	0.00	0.17	0.12	16
2	0.38	0.22	1.1	0.78	6.2	31	5.7	0.02	0.00	0.07	0.48	9.1
3	0.24	0.24	1.2	4.2	7.3	50	4.7	0.00	0.00	0.05	0.33	5.7
4	0.16	0.24	1.2	4.0	8.1	38	4.2	0.0	0.00	0.84	0.12	3.4
5	0.14	0.21	1.2	3.0	8.3	30	3.2	0.00	0.00	0.24	0.06	1.7
6	0.14	0.21	1.3	3.8	9.2	24	2.6	0.00	0.00	0.11	0.04	0.90
7	0.14	0.23	1.3	5.0	31	13	4.3	0.00	0.11	0.16	0.02	0.51
8	0.18	0.25	2.2	3.8	26	7.9	2.6	0.00	0.46	0.07	0.0	0.31
9	0.22	0.25	2.9	2.9	18	6.8	1.9	0.00	0.23	0.29	0.00	0.20
10	0.24	0.25	1.9	2.9	21	5.5	1.4	0.00	0.16	0.81	0.00	0.15
11	0.16	0.25	1.8	6.5	16	4.7	5.8	0.00	0.11	0.24	0.00	0.07
12	0.10	0.25	1.5	2.9	15	4.1	4.8	0.00	0.08	0.14	0.00	0.07
13	0.09	0.25	1.6	20	15	4.5	3.1	0.00	0.04	0.13	0.00	0.10
14	0.14	0.27	1.2	12	15	4.5	2.5	0.00	0.02	0.10	0.01	0.24
15	0.34	0.30	1.0	12	14	4.6	1.7	0.00	0.00	0.04	0.04	3.0
16	0.48	0.33	6.2	8.3	16	4.3	1.2	0.00	0.00	0.02	0.03	5.1
17	0.45	0.32	2.8	5.3	15	4.4	0.69	0.00	0.00	0.0	0.04	3.0
18	0.29	0.33	1.1	3.9	14	5.0	1.8	0.04	0.00	0.00	0.08	1.5
19	0.23	0.36	0.94	3.2	13	4.7	7.9	0.04	0.00	0.00	0.12	2.2
20	0.20	0.39	0.58	3.1	13	4.7	3.4	0.03	0.00	0.11	0.14	2.3
21	0.19	0.44	0.49	3.7	16	4.3	4.3	0.12	0.00	0.84	0.08	1.9
22	0.22	0.47	0.38	4.1	18	7.0	1.2	0.04	2.0	12	0.04	1.2
23	0.24	0.60	0.34	5.5	17	9.6	0.38	0.01	2.9	40	0.03	0.85
24	0.25	0.71	0.27	3.3	17	6.4	0.20	0.00	2.5	14	0.02	0.76
25	0.24	0.80	0.17	4.0	15	6.4	0.11	0.0	5.4	5.9	0.03	2.9
26	0.21	0.84	0.15	4.1	16	7.3	0.05	0.09	17	2.6	0.06	31
27	0.21	0.89	0.13	3.4	15	7.7	0.04	0.03	6.6	0.91	0.17	18
28	0.21	0.97	0.17	3.4	17	11	0.03	0.03	2.7	0.41	0.21	9.6
29	0.21	1.0	0.23	4.5	---	9.1	0.02	0.02	0.75	0.22	21	6.7
30	0.20	1.0	0.24	5.4	---	7.4	0.03	0.0	0.36	0.12	95	6.1
31	0.18	---	1.6	5.6	---	6.3	---	0.00	---	0.09	34	---
TOTAL	7.21	13.06	38.29	154.74	418.3	351.2	75.45	0.49	41.42	80.68	152.27	134.56
MEAN	0.23	0.44	1.24	4.99	14.9	11.3	2.52	0.016	1.38	2.60	4.91	4.49
MAX	0.53	1.0	6.2	20	31	50	7.9	0.12	17	40	95	31
MIN	0.09	0.19	0.13	0.16	6.2	4.1	0.02	0.00	0.00	0.00	0.00	0.07
CFSM	0.00	0.00	0.01	0.03	0.08	0.06	0.01	0.00	0.01	0.01	0.03	0.02
IN.	0.00	0.00	0.01	0.03	0.09	0.07	0.02	0.00	0.01	0.02	0.03	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2002, BY WATER YEAR (WY)

MEAN	115	74.3	126	252	265	204	135	39.2	74.3	40.8	177	38.5
MAX	817	327	557	734	838	564	494	275	324	206	1033	148
(WY)	1995	1993	1995	1993	1998	1998	1998	1991	1991	1991	1991	1992
MIN	0.23	0.44	1.25	5.16	15.0	11.7	3.07	0.072	0.57	0.053	0.35	0.12
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2000	1990	1999	1993

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1990 - 2002	
ANNUAL TOTAL	7561.62		1524.44			
ANNUAL MEAN	20.7		4.18		131	
HIGHEST ANNUAL MEAN					373	1991
LOWEST ANNUAL MEAN					4.18	2002
HIGHEST DAILY MEAN	620	Jul 4	95	Aug 30	7010	Aug 27 1995
LOWEST DAILY MEAN	0.05	May 17	0.00	Jun 3	0.00	May 22 1999
ANNUAL SEVEN-DAY MINIMUM	0.08	May 14	0.00	Aug 8	0.00	May 22 1999
MAXIMUM PEAK FLOW			119	Aug 30	8960	Aug 26 1995
MAXIMUM PEAK STAGE			6.23	Aug 30	17.80	Aug 26 1995
INSTANTANEOUS LOW FLOW					0.00	May 24 2000
ANNUAL RUNOFF (CFSM)	0.11		0.023		0.73	
ANNUAL RUNOFF (INCHES)	1.55		0.31		9.87	
10 PERCENT EXCEEDS	44		13		357	
50 PERCENT EXCEEDS	1.8		0.71		24	
90 PERCENT EXCEEDS	0.16		0.04		0.25	

STATION NUMBER 02198690 EBENEZER CREEK AT SPRINGFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 322156 LONGITUDE 0811751 NAD27 DRAINAGE AREA 181.0 CONTRIBUTING DRAINAGE AREA 181.0* DATUM 20 NGVD29
Date Processed: 2003-03-10 11:15 By acday
APPROVED
DD #2, DCP
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.4	2.1	4.7	20	16	14	99	0.59	0.26	1.0	17	0.07
2	3.9	2.1	4.1	15	14	12	85	0.45	0.30	40	15	0.09
3	3.2	2.6	3.6	15	14	11	68	0.37	0.32	214	11	1.7
4	2.9	1.9	3.2	12	16	39	57	0.28	0.39	620	6.7	20
5	2.7	2.4	2.9	12	22	62	49	0.25	0.31	294	4.0	14
6	2.7	2.9	2.6	12	22	63	43	0.24	0.27	164	2.8	6.6
7	2.4	3.0	2.6	11	21	55	39	0.21	0.32	67	2.5	3.7
8	2.0	3.4	2.6	12	20	53	35	0.17	0.57	32	2.8	2.4
9	1.7	3.9	2.9	14	17	41	32	0.15	0.26	21	2.0	1.9
10	1.6	3.9	12	13	15	30	27	0.12	0.10	15	1.1	5.7
11	1.6	3.9	15	12	15	21	23	0.10	0.20	11	0.44	8.5
12	1.4	3.9	13	14	16	21	19	0.09	0.27	9.0	0.24	12
13	1.2	3.8	11	16	21	37	15	0.10	0.21	9.3	0.17	8.0
14	1.00	4.1	8.5	14	18	45	13	0.10	0.06	15	0.16	4.5
15	0.92	4.2	7.2	13	16	93	12	0.09	0.06	14	0.21	3.9
16	0.77	4.1	6.7	13	15	187	13	0.07	0.07	9.7	0.12	2.9
17	0.71	4.9	8.3	11	15	198	12	0.05	0.07	7.7	0.07	2.1
18	0.63	4.3	7.6	9.5	26	157	10	0.07	0.07	6.1	0.08	1.4
19	0.52	12	7.0	8.4	14	124	9.0	0.07	0.17	7.0	1.2	0.92
20	0.56	18	7.0	13	11	212	7.9	0.09	0.83	8.9	0.83	1.3
21	0.70	8.0	7.0	24	9.7	393	6.9	0.12	1.1	10	0.40	1.0
22	0.67	7.4	6.8	14	14	391	5.6	0.13	1.5	6.4	0.25	0.61
23	0.71	8.5	6.1	35	22	338	4.5	0.21	1.3	5.7	0.14	0.51
24	0.79	6.2	6.2	45	20	261	3.4	0.19	0.69	9.4	0.42	3.8
25	1.1	12	7.4	35	20	181	2.8	0.21	0.73	9.3	1.4	11
26	1.6	14	6.9	27	18	136	2.7	0.21	0.75	7.1	0.74	7.3
27	1.8	9.6	5.8	24	17	104	2.1	0.19	1.2	7.1	0.35	4.2
28	1.9	9.1	13	22	16	82	1.4	0.21	2.9	72	0.17	2.5
29	1.9	7.6	58	20	---	83	1.0	0.34	3.3	133	0.11	1.2
30	2.0	5.7	44	19	---	99	0.78	0.28	1.6	52	0.09	0.73
31	2.0	---	31	18	---	103	---	0.29	---	23	0.08	---
TOTAL	52.98	179.5	324.7	542.9	480.7	3646	699.08	6.04	20.18	1900.7	72.57	134.53
MEAN	1.71	5.98	10.5	17.5	17.2	118	23.3	0.19	0.67	61.3	2.34	4.48
MAX	5.4	18	58	45	26	393	99	0.59	3.3	620	17	20
MIN	0.52	1.9	2.6	8.4	9.7	11	0.78	0.05	0.06	1.0	0.07	0.07
CFSM	0.01	0.03	0.06	0.10	0.09	0.65	0.13	0.00	0.00	0.34	0.01	0.02
IN.	0.01	0.04	0.07	0.11	0.10	0.75	0.14	0.00	0.00	0.39	0.01	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2001, BY WATER YEAR (WY)

MEAN	126	81.0	137	274	288	220	146	42.5	80.4	44.0	191	41.4
MAX	817	327	557	734	838	564	494	275	324	206	1033	148
(WY)	1995	1993	1995	1993	1998	1998	1998	1991	1991	1991	1991	1992
MIN	0.55	1.57	10.5	17.5	17.1	23.3	12.2	0.19	0.57	0.053	0.35	0.12
(WY)	1994	1999	2001	2001	2001	1999	1999	2001	2000	1990	1999	1993

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1990 - 2001	
ANNUAL TOTAL	0.00		8120.13			
ANNUAL MEAN	0.000		22.2		143	
HIGHEST ANNUAL MEAN					373	1991
LOWEST ANNUAL MEAN					22.2	2001
HIGHEST DAILY MEAN	58	Dec 29	620	Jul 4	7010	Aug 27 1995
LOWEST DAILY MEAN	0.52	Oct 19	0.05	May 17	0.00	May 22 1999
ANNUAL SEVEN-DAY MINIMUM	0.65	Oct 17	0.08	May 14	0.00	May 22 1999
MAXIMUM PEAK FLOW			809	Jul 4	8960	Aug 26 1995
MAXIMUM PEAK STAGE			11.02	Jul 4	17.80	Aug 26 1995
INSTANTANEOUS LOW FLOW					0.00	May 24 2000
ANNUAL RUNOFF (CFSM)	0.000		0.12		0.79	
ANNUAL RUNOFF (INCHES)	0.00		1.67		10.74	
10 PERCENT EXCEEDS	12		45		373	
50 PERCENT EXCEEDS	3.8		6.4		28	
90 PERCENT EXCEEDS	0.87		0.20		0.33	

STATION NUMBER 02198690 EBENEZER CREEK AT SPRINGFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 322156 LONGITUDE 0811751 NAD27 DRAINAGE AREA 181.0 CONTRIBUTING DRAINAGE AREA 181.0* DATUM 20 NGVD29
Date Processed: 2003-03-10 11:15 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.08	3.04	3.16	3.15	3.62	4.04	3.60	3.06	3.02	3.16	3.13	4.02
2	3.06	3.04	3.16	3.24	3.62	4.43	3.60	3.06	3.00	3.11	3.21	3.75
3	3.04	3.05	3.17	3.52	3.68	4.93	3.55	3.04	2.99	3.09	3.20	3.60
4	3.03	3.05	3.17	3.51	3.71	4.65	3.52	3.05	3.00	3.27	3.14	3.47
5	3.02	3.04	3.17	3.45	3.72	4.46	3.46	3.04	2.99	3.18	3.11	3.35
6	3.02	3.04	3.18	3.50	3.76	4.27	3.42	3.03	2.97	3.13	3.08	3.28
7	3.02	3.05	3.18	3.57	4.47	3.92	3.52	3.03	3.00	3.15	3.06	3.24
8	3.03	3.05	3.24	3.50	4.35	3.70	3.42	3.03	3.22	3.11	3.04	3.19
9	3.04	3.05	3.32	3.45	4.11	3.65	3.37	3.03	3.18	3.13	3.03	3.17
10	3.05	3.05	3.28	3.44	4.20	3.59	3.33	3.03	3.15	3.27	3.01	3.15
11	3.03	3.05	3.31	3.59	4.01	3.55	3.58	3.02	3.13	3.17	3.00	3.11
12	3.01	3.05	3.32	3.42	3.97	3.52	3.56	3.02	3.11	3.14	2.98	3.11
13	3.01	3.05	3.35	4.17	3.99	3.54	3.45	3.02	3.09	3.14	2.97	3.12
14	3.02	3.05	3.31	3.87	3.98	3.54	3.42	3.02	3.06	3.12	3.02	3.17
15	3.07	3.06	3.29	3.89	3.94	3.54	3.35	3.01	3.03	3.09	3.09	3.44
16	3.09	3.06	3.60	3.72	4.03	3.53	3.31	3.01	3.00	3.06	3.08	3.57
17	3.09	3.06	3.43	3.58	3.97	3.54	3.26	3.02	2.98	3.05	3.08	3.45
18	3.06	3.06	3.30	3.50	3.95	3.56	3.32	3.06	2.97	3.04	3.12	3.34
19	3.05	3.07	3.29	3.46	3.91	3.55	3.70	3.09	2.97	3.02	3.13	3.39
20	3.04	3.08	3.25	3.45	3.92	3.55	3.47	3.07	2.96	3.05	3.14	3.39
21	3.04	3.08	3.23	3.49	4.02	3.53	3.52	3.11	2.98	3.24	3.12	3.37
22	3.04	3.09	3.21	3.52	4.09	3.66	3.31	3.08	3.31	3.80	3.09	3.31
23	3.05	3.10	3.20	3.58	4.06	3.77	3.21	3.05	3.44	4.69	3.07	3.28
24	3.05	3.12	3.19	3.46	4.07	3.63	3.17	3.04	3.41	3.94	3.06	3.27
25	3.05	3.13	3.16	3.50	3.98	3.63	3.13	3.04	3.51	3.61	3.08	3.42
26	3.04	3.13	3.15	3.51	4.01	3.67	3.10	3.12	4.03	3.42	3.10	4.48
27	3.04	3.14	3.14	3.47	4.00	3.69	3.09	3.07	3.64	3.28	3.16	4.10
28	3.04	3.15	3.16	3.47	4.06	3.84	3.07	3.07	3.42	3.22	3.17	3.78
29	3.04	3.15	3.18	3.54	---	3.76	3.06	3.06	3.27	3.18	3.86	3.65
30	3.04	3.15	3.18	3.59	---	3.68	3.07	3.04	3.21	3.14	5.82	3.62
31	3.03	---	3.30	3.59	---	3.63	---	3.03	---	3.12	4.56	---
MEAN	3.04	3.08	3.24	3.54	3.97	3.79	3.36	3.05	3.17	3.26	3.25	3.45
MAX	3.09	3.15	3.60	4.17	4.47	4.93	3.70	3.12	4.03	4.69	5.82	4.48
MIN	3.01	3.04	3.14	3.15	3.62	3.52	3.06	3.01	2.96	3.02	2.97	3.11

STATION NUMBER 02198690 EBENEZER CREEK AT SPRINGFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
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Date Processed: 2003-03-10 11:15 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.53	3.38	3.56	4.18	4.03	3.95	5.89	3.04	2.95	3.17	3.88	2.89
2	3.44	3.38	3.52	4.01	3.98	3.86	5.64	3.02	2.96	4.12	3.84	2.90
3	3.40	3.42	3.49	3.98	3.95	3.85	5.30	3.00	2.96	7.38	3.66	3.02
4	3.38	3.37	3.47	3.89	4.03	4.65	5.06	2.97	2.98	10.24	3.44	4.02
5	3.38	3.41	3.44	3.86	4.22	5.18	4.88	2.97	2.96	8.22	3.28	3.76
6	3.38	3.44	3.42	3.87	4.21	5.20	4.75	2.96	2.95	6.85	3.21	3.43
7	3.36	3.45	3.42	3.83	4.19	5.03	4.63	2.95	2.96	5.27	3.18	3.27
8	3.34	3.48	3.42	3.89	4.16	4.97	4.53	2.94	3.00	4.42	3.21	3.18
9	3.31	3.51	3.44	3.95	4.07	4.70	4.45	2.93	2.98	4.04	3.15	3.15
10	3.31	3.51	3.92	3.91	4.01	4.44	4.30	2.91	2.98	3.81	3.06	3.38
11	3.31	3.51	4.03	3.88	3.99	4.18	4.17	2.91	3.03	3.68	2.97	3.55
12	3.29	3.51	3.97	3.96	4.03	4.14	4.03	2.91	3.05	3.56	2.94	3.71
13	3.28	3.50	3.90	4.05	4.21	4.61	3.89	2.91	3.05	3.58	2.92	3.52
14	3.26	3.52	3.76	3.96	4.10	4.79	3.81	2.91	3.01	3.82	2.92	3.34
15	3.25	3.53	3.70	3.94	4.04	5.71	3.77	2.91	3.01	3.78	2.93	3.30
16	3.24	3.52	3.67	3.94	4.00	7.16	3.79	2.90	3.01	3.59	2.90	3.24
17	3.24	3.57	3.76	3.86	3.99	7.29	3.74	2.89	3.01	3.50	2.89	3.18
18	3.23	3.54	3.72	3.76	4.33	6.78	3.69	2.90	3.01	3.41	2.90	3.12
19	3.22	3.89	3.69	3.71	3.96	6.31	3.62	2.90	3.04	3.46	3.07	3.08
20	3.23	4.13	3.69	3.92	3.84	7.30	3.56	2.91	3.14	3.55	3.03	3.12
21	3.24	3.74	3.69	4.28	3.77	9.06	3.51	2.92	3.18	3.62	2.97	3.10
22	3.24	3.71	3.68	3.96	3.95	9.05	3.44	2.92	3.21	3.42	2.94	3.06
23	3.25	3.77	3.64	4.56	4.23	8.64	3.37	2.94	3.20	3.39	2.91	3.05
24	3.25	3.65	3.64	4.82	4.17	7.95	3.31	2.94	3.13	3.58	2.94	3.26
25	3.29	3.89	3.71	4.59	4.17	7.08	3.27	2.94	3.14	3.57	3.09	3.68
26	3.34	4.01	3.68	4.38	4.10	6.48	3.26	2.94	3.14	3.46	3.02	3.52
27	3.36	3.82	3.62	4.29	4.09	5.99	3.21	2.94	3.19	3.46	2.96	3.36
28	3.36	3.80	3.88	4.24	4.03	5.59	3.15	2.94	3.31	5.29	2.92	3.25
29	3.37	3.72	5.08	4.17	---	5.60	3.10	2.97	3.36	6.43	2.90	3.15
30	3.37	3.62	4.79	4.14	---	5.90	3.07	2.96	3.23	4.92	2.90	3.10
31	3.37	---	4.48	4.11	---	5.97	---	2.96	---	4.12	2.90	---
MEAN	3.32	3.61	3.77	4.06	4.07	5.85	4.01	2.94	3.07	4.47	3.09	3.29
MAX	3.53	4.13	5.08	4.82	4.33	9.06	5.89	3.04	3.36	10.24	3.88	4.02
MIN	3.22	3.37	3.42	3.71	3.77	3.85	3.07	2.89	2.95	3.17	2.89	2.89

SAVANNAH RIVER BASIN
2002 Water Year

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC

LOCATION.—Lat 32°20'34", long 81°07'53" referenced to North American Datum (NAD) of 1927, Jasper County, Hydrologic Unit Code 03060109, on canal near Bride Point at Jasper-Beaufort Water Authority pump house, 14.0 miles upstream from Abercorn Creek, and 7.0 miles northwest of Hardeeville, SC.

DRAINAGE AREA.—10,250 mi^2, approximately.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1987 to current year.

GAGE.—Data collection platform. Records prior to October 1, 1987 are available through the U.S. Geological Survey, Georgia District. Datum of gage is National Geodetic Vertical Datum (NGVD) of 1929 (levels furnished by the U.S. Army Corps of Engineers). Prior to May 30, 1990, at a site 2.0 miles downstream at same datum.

REMARKS.—Gage-height affected by tide.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height, 14.18 feet, February 17, 1998; minimum gage-height, 1.97 feet, August 18, 2002.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 6.49 feet, February 10, April 5; minimum gage-height, 1.97 feet, August 18.

02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA

LOCATION.—Lat 32°14'08", long 81°09'05" referenced to North American Datum (NAD) of 1927, Effingham County, Hydrologic Unit 03060109, at right downstream fender of bridge on Interstate 95, 1.0 mile downstream from Abercorn Creek, and 6.1 miles north of Port Wentworth.

DRAINAGE AREA.—Indeterminate.

COOPERATION.—City of Savannah.

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1987 to current year.

GAGE.—Water-stage recorder. Datum of gage is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records good.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height recorded, 7.37 feet, February 7, 1993; minimum gage-height recorded, -5.24 feet, April 7, 1989. Extremes have been adjusted to NGVD of 1929.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.19 feet, August 7; minimum gage-height recorded, -4.36 feet, January 6.

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321408 LONGITUDE 0810905 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 20.61 NGVD29
Date Processed: 2003-03-11 11:18 By bemccall
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	5.26	-1.80	5.24	-2.54	5.23	-3.14	5.16	-3.69	---	---	---	---
2	5.31	-1.89	5.16	-2.52	5.29	-3.07	5.48	-3.37	---	---	---	---
3	5.26	-1.90	5.12	-2.77	5.49	-2.75	5.43	-3.13	---	---	---	---
4	5.15	-2.12	5.14	-2.85	5.47	-2.71	4.92	-3.33	---	---	---	---
5	5.06	-2.50	5.38	-2.08	5.42	-2.65	4.93	-2.93	---	---	---	---
6	4.89	-2.63	5.39	-1.60	5.20	-2.80	4.89	-4.36	---	---	---	---
7	5.07	-2.45	5.11	-2.43	5.08	-2.84	3.90	-4.06	---	---	---	---
8	5.27	-1.84	5.09	-2.38	5.11	-2.63	4.00	-3.74	---	---	---	---
9	5.35	-1.22	5.04	-2.59	4.93	-2.89	4.40	-3.79	---	---	---	---
10	5.30	-1.69	5.20	-2.67	5.48	-1.81	4.20	-4.12	---	---	---	---
11	5.34	-2.16	5.18	-2.76	5.37	-2.59	4.49	-4.12	---	---	---	---
12	5.34	-2.37	5.60	-2.86	5.37	-3.08	4.80	-4.08	---	---	---	---
13	5.61	-2.26	5.82	-1.59	5.52	-3.00	4.41	-3.60	---	---	---	---
14	5.58	-2.18	5.76	-1.99	5.38	-2.94	4.74	-3.62	---	---	---	---
15	5.73	-2.38	5.86	-2.34	5.10	-3.21	4.36	-3.49	---	---	---	---
16	5.77	-1.94	5.76	-2.18	5.34	-2.63	4.40	-3.18	---	---	---	---
17	5.75	-2.51	5.47	-2.44	5.14	-2.42	4.24	-3.41	---	---	---	---
18	5.74	-2.38	5.27	-2.42	4.36	-3.38	3.92	-3.33	---	---	---	---
19	5.72	-1.87	5.10	-2.32	4.68	-2.43	4.21	-2.76	---	---	---	---
20	5.39	-2.29	4.81	-2.25	4.23	-2.59	3.88	-2.86	---	---	---	---
21	5.31	-2.35	5.02	-1.13	4.16	-2.13	3.92	-2.62	---	---	---	---
22	5.10	-1.94	4.72	-1.62	4.47	-1.68	3.98	-2.38	---	---	---	---
23	4.95	-1.45	4.43	-1.65	4.32	-1.63	4.31	-2.53	---	---	---	---
24	4.76	-1.51	4.33	-2.06	4.05	-2.91	4.50	-3.20	---	---	---	---
25	4.20	-2.39	4.44	-2.54	4.29	-2.68	4.47	-3.20	---	---	---	---
26	3.54	-2.65	4.52	-2.54	4.78	-3.30	5.10	-3.02	---	---	---	---
27	4.46	-2.80	4.67	-2.88	4.63	-3.98	5.28	-3.57	---	---	---	---
28	4.72	-2.22	4.90	-3.03	4.89	-3.55	5.24	-4.03	---	---	---	---
29	4.93	-2.19	5.08	-3.03	5.14	-3.43	---	---	---	---	---	---
30	4.99	-2.47	5.20	-2.95	5.14	-3.74	---	---	---	---	---	---
31	5.09	-2.58	---	---	5.23	-3.36	---	---	---	---	---	---
MONTH	5.77	-2.80	5.86	-3.03	5.52	-3.98	---	---	---	---	---	---

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321408 LONGITUDE 0810905 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 20.61 NGVD29
Date Processed: 2003-03-11 11:18 By bemccall
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	5.30	-2.74	4.86	-2.26	4.36	-2.61	4.44	-2.19	4.87	-1.54
2	---	---	4.87	-2.92	4.59	-2.28	4.32	-2.48	4.83	-2.03	5.27	-1.51
3	---	---	4.21	-3.20	4.78	-2.13	4.29	-2.49	4.90	-1.84	5.59	-1.62
4	---	---	4.29	-2.49	4.91	-1.51	4.51	-2.70	4.88	-2.20	5.51	-2.14
5	4.85	-1.14	4.48	-2.09	4.92	-1.96	4.70	-2.71	5.13	-2.48	5.52	-2.99
6	4.88	-1.51	4.59	-2.12	4.89	-2.42	5.08	-2.28	5.85	-1.91	5.81	-3.00
7	4.80	-1.68	4.38	-2.63	5.06	-2.63	5.29	-2.25	6.19	-1.20	5.84	-2.10
8	4.80	-2.24	4.42	-3.08	5.59	-1.35	5.14	-2.93	6.11	-1.53	5.68	-2.13
9	4.49	-2.71	4.72	-3.13	5.66	-1.69	5.10	-3.29	6.04	-1.78	5.62	-1.97
10	4.68	-3.09	4.74	-3.24	5.58	-2.08	5.12	-3.87	5.85	-2.13	5.56	-2.06
11	5.00	-2.70	5.05	-3.13	5.50	-2.64	5.17	-4.06	5.82	-2.36	5.41	-2.40
12	4.97	-2.58	5.08	-3.08	5.45	-2.75	5.61	-2.84	5.63	-2.47	5.47	-2.58
13	5.06	-2.94	4.86	-3.38	5.42	-2.75	5.60	-2.74	5.38	-2.41	5.28	-2.07
14	5.00	-2.94	5.11	-3.67	5.42	-2.82	5.33	-3.41	5.25	-2.49	5.03	-2.10
15	4.91	-3.04	5.03	-2.93	5.40	-2.71	5.02	-3.28	5.08	-2.69	4.75	-2.38
16	4.92	-2.81	5.02	-2.89	5.34	-2.22	4.84	-3.10	4.94	-2.65	4.54	-2.80
17	4.92	-2.60	4.88	-2.93	5.29	-2.10	4.91	-2.91	4.95	-3.10	4.94	-2.76
18	4.79	-2.74	4.72	-3.19	5.21	-2.29	5.05	-2.85	4.86	-3.28	5.13	-2.38
19	4.70	-2.64	4.95	-1.71	5.35	-2.52	5.02	-3.23	5.11	-3.16	5.27	-2.02
20	4.54	-2.58	5.20	-1.87	5.49	-2.62	5.14	-3.52	5.02	-2.76	5.32	-1.83
21	4.78	-2.44	5.20	-2.26	5.67	-2.54	5.19	-3.51	5.12	-2.93	5.30	-1.87
22	4.77	-3.29	5.62	-1.72	5.66	-1.94	5.14	-3.20	5.16	-2.72	5.31	-1.67
23	5.25	-3.29	5.74	-1.81	5.52	-3.08	4.97	-2.97	4.91	-2.68	5.14	-1.82
24	5.39	-2.53	5.65	-3.04	5.43	-3.22	4.77	-3.43	4.79	-2.95	5.16	-2.06
25	5.49	-2.93	5.61	-3.38	5.33	-3.29	4.86	-3.46	4.84	-2.76	5.32	-1.36
26	5.92	-3.08	5.63	-3.25	5.06	-3.15	4.54	-3.22	4.72	-2.37	5.26	-1.43
27	5.76	-2.68	5.60	-2.74	4.78	-3.28	4.38	-3.05	4.62	-2.41	4.67	-1.51
28	5.43	-3.44	5.72	-2.31	4.75	-3.33	4.35	-3.24	4.62	-2.18	4.88	-1.78
29	5.26	-3.83	5.72	-1.80	4.36	-3.28	3.94	-3.40	4.42	-2.24	4.95	-1.62
30	5.26	-2.94	5.64	-1.92	4.26	-3.07	3.82	-3.33	4.59	-1.86	5.31	-1.01
31	---	---	5.27	-1.97	---	---	4.03	-3.23	4.82	-1.68	---	---
MONTH	---	---	5.74	-3.67	5.67	-3.33	5.61	-4.06	6.19	-3.28	5.84	-3.00

02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA

LOCATION.—Lat 32°14'08", long 81°09'05" referenced to North American Datum (NAD) of 1927, Effingham County, Hydrologic Unit 03060109, at right downstream fender of bridge on Interstate 95, 1.0 mile downstream from Abercorn Creek, and 6.1 miles north of Port Wentworth.

DRAINAGE AREA.—Not determined.

COOPERATION.—U.S. Army Corps of Engineers, Savannah District.

PERIOD OF RECORD.—October 1986 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: October 1986 to current year.
WATER TEMPERATURE: October 1999 to current year.

INSTRUMENTATION.—Continuous water-quality monitor.

REMARKS.—Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum recorded, 8,370 microsiemens, August 8, 2002; minimum recorded, 30 microsiemens, August 26, 1995.
WATER TEMPERATURE: Maximum, 31.4 °C, July 20, 2002; minimum, 5.1 °C, January 31, 2000.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded (greater than 20 percent missing), 8,370 microsiemens, August 8; minimum recorded, 63 microsiemens, July 6, 10.
WATER TEMPERATURE: Maximum recorded (greater than 20 percent missing), 31.4 °C, July 20; minimum recorded, 7.5 °C, January 9.

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321408 LONGITUDE 0810905 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 20.61 NGVD29
Date Processed: 2003-03-13 14:56 By ceoberst
APPROVED
DD #2

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	168	115	129	---	---	---	---	---	---	171	117	130
2	177	115	133	---	---	---	---	---	---	235	119	135
3	183	116	137	---	---	---	---	---	---	160	120	129
4	164	119	133	---	---	---	---	---	---	142	122	128
5	154	117	129	---	---	---	---	---	---	141	117	123
6	142	114	123	---	---	---	---	---	---	139	118	122
7	133	115	119	---	---	---	---	---	---	127	115	118
8	130	116	120	---	---	---	---	---	---	123	113	116
9	134	117	121	---	---	---	---	---	---	130	116	120
10	138	116	121	---	---	---	---	---	---	131	119	123
11	---	---	---	---	---	---	---	---	---	134	119	123
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	142	130	135	---	---	---
19	---	---	---	---	---	---	141	135	138	---	---	---
20	---	---	---	---	---	---	146	138	143	---	---	---
21	---	---	---	---	---	---	146	139	143	---	---	---
22	---	---	---	---	---	---	145	131	139	---	---	---
23	---	---	---	---	---	---	139	129	133	---	---	---
24	---	---	---	---	---	---	139	133	136	---	---	---
25	---	---	---	---	---	---	148	134	137	---	---	---
26	---	---	---	---	---	---	286	130	143	---	---	---
27	---	---	---	---	---	---	221	130	142	---	---	---
28	---	---	---	---	---	---	208	131	147	---	---	---
29	---	---	---	---	---	---	201	124	141	---	---	---
30	---	---	---	---	---	---	184	120	136	257	137	157
31	---	---	---	---	---	---	181	117	131	210	137	151
MONTH	183	114	126	---	---	---	286	117	139	257	113	129

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321408 LONGITUDE 0810905 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 20.61 NGVD29
Date Processed: 2003-03-13 14:56 By ceoberst
APPROVED
DD #2

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	128	108	116	---	---	---
6	---	---	---	---	---	---	120	109	113	---	---	---
7	---	---	---	---	---	---	126	114	119	---	---	---
8	---	---	---	---	---	---	123	114	118	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	128	108	116	---	---	---

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321408 LONGITUDE 0810905 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 20.61 NGVD29
Date Processed: 2003-03-13 14:56 By ceoberst
APPROVED
DD #2

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	166	140	151	---	---	---	166	138	148	152	144	146
2	171	134	149	169	147	156	207	137	154	160	142	146
3	176	138	152	171	145	154	210	138	159	230	144	158
4	193	138	156	176	146	154	200	139	158	244	144	168
5	175	133	151	199	147	157	354	138	172	350	142	175
6	176	129	149	226	63	155	1100	134	243	627	150	208
7	176	128	146	300	139	176	8370	137	802	565	149	209
8	278	130	164	233	145	169	3350	146	469	486	141	196
9	347	137	168	222	142	165	2620	147	374	475	141	189
10	345	133	168	338	63	163	2400	149	312	301	145	183
11	364	132	173	270	130	161	854	146	236	253	151	179
12	347	138	172	591	132	175	511	143	199	266	158	181
13	338	139	175	591	133	193	286	132	176	213	160	175
14	352	140	175	318	133	166	219	131	165	187	160	169
15	356	140	177	206	135	155	200	136	158	180	160	169
16	367	139	184	190	134	155	192	147	163	192	159	170
17	269	144	181	189	138	154	197	154	166	189	159	167
18	250	135	180	189	134	155	209	155	170	199	151	168
19	269	135	180	180	136	151	289	154	182	179	148	158
20	379	143	195	225	130	153	238	157	181	170	147	156
21	507	142	200	287	137	162	229	159	180	170	152	158
22	239	137	171	239	129	155	226	151	176	164	143	151
23	245	138	163	179	132	148	197	150	164	149	138	141
24	233	137	159	173	125	143	190	150	162	143	125	133
25	210	139	159	175	136	148	207	145	162	140	128	134
26	---	---	---	162	141	150	192	155	169	148	138	145
27	---	---	---	162	134	144	189	155	163	153	146	151
28	---	---	---	157	132	142	170	151	157	162	152	156
29	---	---	---	156	134	143	161	145	151	163	156	158
30	---	---	---	158	138	148	149	140	143	171	159	165
31	---	---	---	163	140	148	146	140	142	---	---	---
MONTH	507	128	168	591	63	157	8370	131	211	627	125	165
YEAR	8370	63	164									

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321408 LONGITUDE 0810905 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 20.61 NGVD29
Date Processed: 2003-03-13 14:55 By ceoberst
APPROVED
DD #13

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.3	21.7	21.9	---	---	---	---	---	---	10.2	9.8	9.9
2	21.8	21.2	21.5	---	---	---	---	---	---	9.9	9.0	9.5
3	21.8	21.1	21.5	---	---	---	---	---	---	9.0	8.3	8.7
4	22.0	21.2	21.6	---	---	---	---	---	---	8.3	7.9	8.1
5	22.2	21.6	21.9	---	---	---	---	---	---	8.1	7.8	8.0
6	22.4	21.9	22.1	---	---	---	---	---	---	8.6	7.9	8.2
7	22.3	21.5	21.8	---	---	---	---	---	---	8.6	8.2	8.4
8	21.6	20.9	21.2	---	---	---	---	---	---	8.3	7.9	8.1
9	20.9	20.5	20.7	---	---	---	---	---	---	8.0	7.5	7.8
10	20.9	20.4	20.7	---	---	---	---	---	---	8.6	7.6	8.0
11	---	---	---	---	---	---	---	---	---	9.5	8.5	9.0
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	17.0	16.7	16.8	---	---	---
19	---	---	---	---	---	---	16.8	15.9	16.3	---	---	---
20	---	---	---	---	---	---	16.0	15.1	15.4	---	---	---
21	---	---	---	---	---	---	15.1	14.2	14.6	---	---	---
22	---	---	---	---	---	---	14.2	13.5	13.8	---	---	---
23	---	---	---	---	---	---	13.6	13.2	13.4	---	---	---
24	---	---	---	---	---	---	13.6	13.3	13.5	---	---	---
25	---	---	---	---	---	---	13.3	12.3	12.9	---	---	---
26	---	---	---	---	---	---	12.4	11.3	12.0	---	---	---
27	---	---	---	---	---	---	11.3	10.5	11.0	---	---	---
28	---	---	---	---	---	---	10.6	10.2	10.4	---	---	---
29	---	---	---	---	---	---	10.6	10.1	10.4	---	---	---
30	---	---	---	---	---	---	10.7	10.4	10.6	14.9	14.0	14.4
31	---	---	---	---	---	---	10.6	10.2	10.3	15.8	14.8	15.2
MONTH	22.4	20.4	21.5	---	---	---	17.0	10.1	13.0	15.8	7.5	9.5

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321408 LONGITUDE 0810905 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 20.61 NGVD29
Date Processed: 2003-03-13 14:55 By ceoberst
APPROVED
DD #13

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	20.6	19.9	20.2	---	---	---
6	---	---	---	---	---	---	20.1	19.4	19.7	---	---	---
7	---	---	---	---	---	---	19.7	19.1	19.5	---	---	---
8	---	---	---	---	---	---	19.5	18.9	19.2	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	20.6	18.9	19.6	---	---	---

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321408 LONGITUDE 0810905 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 20.61 NGVD29
Date Processed: 2003-03-13 14:55 By ceoberst
APPROVED
DD #13

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.3	26.2	26.6	---	---	---	30.7	29.8	30.3	26.4	26.0	26.2
2	28.0	26.7	27.3	---	---	---	30.2	29.5	29.8	26.1	25.8	26.0
3	28.8	27.6	28.2	29.4	28.7	29.0	29.8	29.3	29.5	26.3	25.7	26.1
4	28.9	28.2	28.6	29.5	28.6	29.1	29.9	29.2	29.6	26.8	26.0	26.4
5	29.1	28.3	28.6	30.1	29.2	29.6	30.0	29.4	29.7	27.3	26.5	26.8
6	28.9	28.2	28.5	30.0	29.6	29.8	30.3	29.5	29.9	27.8	27.0	27.4
7	29.0	28.4	28.6	29.8	29.5	29.7	30.1	29.7	29.8	27.8	27.2	27.6
8	28.5	28.0	28.3	29.5	29.1	29.3	29.7	28.9	29.2	27.8	27.1	27.5
9	28.2	27.6	27.9	29.4	28.8	29.1	29.1	28.1	28.5	27.9	27.2	27.5
10	28.0	27.1	27.5	29.6	28.7	29.1	28.5	27.5	27.9	28.0	27.2	27.6
11	28.0	27.1	27.6	30.2	29.1	29.6	28.2	27.3	27.8	28.1	27.4	27.7
12	28.2	27.3	27.7	29.7	29.2	29.4	28.2	27.3	27.7	28.2	27.7	27.9
13	28.8	27.6	28.2	29.3	28.6	28.9	27.8	27.4	27.6	28.1	27.4	27.8
14	29.3	28.3	28.8	28.8	28.1	28.5	27.8	27.4	27.6	27.5	27.2	27.4
15	29.4	28.5	28.8	29.4	28.4	28.9	28.3	27.4	27.8	27.3	26.9	27.2
16	29.0	28.2	28.6	29.8	28.9	29.4	29.2	28.0	28.6	27.3	26.7	27.1
17	28.7	28.0	28.3	30.2	29.3	29.8	29.3	28.6	29.0	27.7	27.0	27.3
18	28.2	26.9	27.7	30.8	29.8	30.3	29.4	28.6	29.1	28.0	27.5	27.7
19	27.3	26.6	27.0	31.2	30.3	30.8	29.8	29.0	29.4	27.6	27.2	27.5
20	26.9	26.4	26.7	31.4	30.6	31.0	30.0	29.4	29.6	27.2	26.8	27.0
21	26.4	25.6	26.1	31.1	30.5	30.9	29.9	29.3	29.6	26.8	26.4	26.6
22	25.6	24.8	25.1	30.5	29.9	30.3	30.3	29.4	29.8	26.9	26.4	26.7
23	25.0	24.6	24.8	29.9	28.6	29.4	30.4	29.7	30.1	27.0	26.6	26.8
24	25.9	24.8	25.3	28.9	28.2	28.6	30.6	29.8	30.2	26.8	26.2	26.4
25	26.1	25.5	25.8	29.5	28.5	29.0	30.8	30.2	30.4	26.2	25.8	26.0
26	---	---	---	29.7	28.9	29.4	30.4	29.5	29.9	26.2	25.7	25.9
27	---	---	---	29.8	29.1	29.5	29.6	29.0	29.2	26.6	25.9	26.3
28	---	---	---	30.1	29.3	29.7	29.0	28.4	28.6	27.0	26.4	26.7
29	---	---	---	30.3	29.6	30.0	28.6	28.0	28.2	26.9	26.7	26.8
30	---	---	---	30.8	29.8	30.3	28.1	26.7	27.3	26.8	26.2	26.5
31	---	---	---	31.0	30.3	30.7	26.8	26.3	26.5	---	---	---
MONTH	29.4	24.6	27.5	31.4	28.1	29.6	30.8	26.3	29.0	28.2	25.7	26.9
YEAR	31.4	7.5	24.7									

SAVANNAH RIVER BASIN
2002 Water Year

02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA

LOCATION.—Lat 32°09'57", long 81°09'14" referenced to North American Datum (NAD) of 1927, Chatham County, Hydrologic Unit 03060109, at right downstream fender of bridge on GA 25, 1.4 miles north of Port Wentworth.

DRAINAGE AREA.—Indeterminate.

COOPERATION.—Georgia Environmental Protection Division.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1987 to May 1998, July 1999 to current year.

GAGE.—Water-stage recorder. Datum of gage is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to October 1, 2001, datum of gage was 3.39 feet lower.

REMARKS.—Records good. Previously published as "Savannah River at US 17, at Port Wentworth, GA".

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height recorded, 7.69 feet, February 7, 1993 and September 26, 1992; minimum gage-height recorded, -6.80 feet, April 7, 1989 and March 13, 1993, but was lower during the day when the stage went below the recordable range in stage. Extremes have been adjusted to NGVD of 1929.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded**,** 6.68 feet, August 7; minimum gage-height recorded, -6.32 feet, February 27.

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-11 11:20 By bemccall
APPROVED
DD #1
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	5.36	-2.47	5.25	-3.37	5.29	-4.18	5.03	-5.28	5.17	-5.29	5.47	-5.59
2	5.44	-2.61	5.13	-3.50	5.37	-4.16	5.70	-4.71	5.07	-5.15	5.50	-4.70
3	5.36	-2.80	5.08	-3.70	5.67	-3.49	5.62	-5.25	4.99	-3.73	4.89	-5.47
4	5.22	-2.91	5.13	-3.61	5.73	-3.52	4.91	-4.37	4.79	-4.49	4.48	-5.38
5	5.10	-3.23	5.50	-2.63	5.67	-3.53	4.91	-3.92	4.45	-3.20	3.95	-4.12
6	4.83	-3.36	5.47	-2.61	5.30	-3.54	4.84	-5.18	4.82	-2.79	4.17	-3.52
7	5.03	-3.07	5.15	-3.05	5.20	-3.35	3.73	-5.12	4.83	-4.63	4.16	-3.34
8	5.28	-2.25	5.13	-3.04	5.22	-3.20	3.85	-4.59	4.33	-4.55	4.26	-3.05
9	5.40	-1.50	5.09	-2.89	5.02	-3.73	4.28	-5.08	4.80	-3.83	4.31	-3.63
10	5.34	-2.03	5.30	-3.39	5.73	-3.43	4.03	-5.13	5.00	-3.64	4.17	-4.18
11	---	---	5.28	-3.79	5.61	-3.60	4.35	-5.37	4.41	-4.24	4.50	-3.89
12	5.39	-3.15	5.96	-3.97	5.59	-3.92	4.74	-5.28	4.83	-4.05	4.69	-3.83
13	5.82	-3.14	6.24	-2.81	5.82	-4.14	4.28	-4.93	4.67	-4.19	4.79	-4.04
14	5.75	-3.56	6.08	-3.49	5.58	-4.10	4.65	-4.70	4.89	-3.65	4.56	-4.33
15	5.97	-4.17	6.16	-3.78	5.21	-4.38	4.21	-4.50	4.64	-3.58	4.58	-4.39
16	6.05	-3.98	6.02	-3.50	5.57	-3.33	4.26	-4.07	4.25	-3.76	4.46	-4.77
17	5.90	-4.81	5.60	-3.72	5.24	-3.64	4.08	-4.38	3.94	-4.07	4.52	-4.12
18	5.87	-4.06	5.30	-3.30	4.01	-4.33	3.66	-4.08	3.81	-3.14	4.46	-3.75
19	5.82	-3.35	5.07	-3.21	4.43	-3.30	4.00	-3.40	3.98	-3.07	4.60	-3.10
20	5.35	-3.50	4.72	-2.96	3.94	-3.22	3.65	-3.49	4.03	-2.92	4.62	-2.75
21	5.24	-3.16	4.98	-1.55	3.87	-2.73	3.72	-3.04	3.92	-3.02	4.18	-2.67
22	4.96	-2.54	4.60	-1.95	4.20	-2.06	3.83	-2.88	4.09	-2.93	4.64	-2.72
23	4.84	-1.87	4.26	-1.87	3.99	-1.94	4.16	-2.93	4.40	-2.73	4.60	-2.71
24	4.59	-1.80	4.16	-2.26	3.75	-3.48	4.35	-3.63	5.07	-3.35	4.85	-3.73
25	3.98	-2.67	4.29	-2.89	3.98	-3.26	4.30	-4.06	5.34	-4.21	4.98	-4.18
26	3.37	-3.21	4.40	-3.46	4.53	-4.91	5.07	-3.55	5.56	-4.72	5.21	-4.53
27	4.26	-3.15	4.53	-3.46	4.37	-4.93	5.34	-4.71	4.75	-6.32	5.33	-5.53
28	4.57	-2.72	4.82	-3.68	4.68	-4.51	5.31	-5.52	5.23	-6.27	6.03	-5.27
29	4.82	-2.93	5.05	-3.91	4.98	-4.67	5.19	-5.66	---	---	6.08	-4.57
30	4.90	-3.30	5.17	-4.00	4.99	-5.33	5.25	-5.78	---	---	5.94	-4.72
31	5.03	-3.44	---	---	5.11	-4.85	5.31	-5.60	---	---	5.65	-4.31
MONTH	---	---	6.24	-4.00	5.82	-5.33	5.70	-5.78	5.56	-6.32	6.08	-5.59

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-11 11:20 By bemccall
APPROVED
DD #1
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	APRIL MAX	APRIL MIN	MAY MAX	MAY MIN	JUNE MAX	JUNE MIN	JULY MAX	JULY MIN	AUGUST MAX	AUGUST MIN	SEPTEMBER MAX	SEPTEMBER MIN
1	5.64	-4.33	5.32	-3.65	---	---	---	---	---	---	4.80	-1.81
2	5.55	-3.53	4.77	-3.85	---	---	---	---	---	---	5.32	-1.72
3	5.25	-3.05	4.04	-3.91	---	---	---	---	5.24	-1.68	5.78	-2.01
4	4.55	-2.52	4.10	-2.96	---	---	---	---	5.24	-2.17	5.67	-2.74
5	4.76	-1.78	4.32	-2.46	---	---	---	---	5.60	-2.51	5.73	-4.05
6	4.76	-2.10	4.49	-2.58	---	---	---	---	6.09	-2.64	6.19	-4.29
7	4.67	-2.21	4.18	-3.11	---	---	---	---	6.68	-2.08	6.23	-3.63
8	4.67	-2.97	4.23	-3.74	---	---	---	---	6.58	-2.87	6.01	-4.13
9	---	---	---	---	---	---	---	---	6.49	-3.23	5.85	-3.87
10	---	---	---	---	---	---	---	---	6.15	-3.80	5.75	-3.83
11	---	---	---	---	---	---	---	---	5.79	-3.95	5.53	-3.74
12	---	---	---	---	---	---	---	---	5.73	-3.82	5.63	-3.51
13	---	---	---	---	---	---	---	---	5.45	-3.82	5.30	-2.86
14	---	---	---	---	---	---	---	---	5.19	-3.65	4.98	-2.66
15	---	---	---	---	---	---	---	---	5.07	-3.51	4.66	-2.82
16	---	---	---	---	---	---	---	---	4.89	-3.22	4.43	-3.34
17	4.80	-3.45	---	---	---	---	---	---	4.94	-3.60	4.86	-3.25
18	4.66	-3.37	---	---	---	---	---	---	4.78	-3.85	5.12	-3.05
19	4.55	-3.13	---	---	---	---	---	---	5.15	-3.76	5.29	-2.89
20	4.35	-3.15	---	---	---	---	---	---	5.00	-3.58	5.35	-2.68
21	4.63	-3.04	---	---	---	---	---	---	5.12	-3.72	5.33	-2.80
22	4.61	-4.03	---	---	---	---	---	---	5.16	-3.55	5.34	-2.64
23	5.09	-3.71	---	---	---	---	---	---	4.85	-3.47	5.11	-2.72
24	5.45	-3.95	---	---	---	---	---	---	4.69	-3.96	5.15	-2.99
25	5.46	-4.51	---	---	---	---	---	---	4.79	-3.57	5.37	-2.01
26	6.29	-5.25	---	---	---	---	---	---	4.51	-3.04	5.22	-2.03
27	6.01	-4.37	---	---	---	---	---	---	4.52	-3.02	4.54	-1.90
28	5.51	-5.01	---	---	---	---	---	---	4.41	-2.55	4.82	-2.04
29	5.29	-5.18	---	---	---	---	---	---	4.30	-2.67	4.93	-1.82
30	5.30	-4.47	---	---	---	---	---	---	4.48	-2.45	5.37	-1.17
31	---	---	---	---	---	---	---	---	4.75	-1.94	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	6.23	-4.29

02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA

LOCATION.—Lat 32°09'57", long 81°09'14" referenced to North American Datum (NAD) of 1927, Chatham County, Hydrologic Unit 03060109, at right downstream fender of bridge on GA 25, 1.4 miles north of Port Wentworth.

DRAINAGE AREA.—Not determined.

COOPERATION.—U.S. Army Corps of Engineers, Savannah District.

PERIOD OF RECORD.—October 1986 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: October 1986 to May 1998, June 1999 to current year.
WATER TEMPERATURE: November 1999 to current year.

INSTRUMENTATION.—Continuous water-quality monitor.

REMARKS.—Records fair. Station was previously published as "Savannah River at US 17, at Port Wentworth, GA".

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 32,600 microsiemens, April 18, 2001; minimum recorded, 30 microsiemens, January 2, 3, April 2-8, 10, 11, 1993, October 4, 1994, October 28, 1995.

WATER TEMPERATURE: Maximum recorded, 32.1 °C, July 20, 2002; minimum recorded, 5.0°, January 4, 2001.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded (greater than 20 percent missing), 32,300 microsiemens, October 27; minimum recorded, 157 microsiemens, April 10.

WATER TEMPERATURE: Maximum recorded (greater than 20 percent missing), 32.1 °C, July 20; minimum recorded, 15.7°, November 16.

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-13 14:59 By ceoberst
APPROVED
DD #4, (MERGED)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20300	510	10900	21200	462	10800	16400	251	7280	---	---	---
2	20000	459	10000	18600	384	9380	16200	252	7210	---	---	---
3	19000	623	9740	18300	323	8810	17000	268	7440	---	---	---
4	17600	374	8500	18200	280	8660	16600	279	7040	---	---	---
5	16400	331	7470	19900	348	9830	17100	278	7090	---	---	---
6	16000	268	7120	21400	379	9780	17300	245	6850	---	---	---
7	18600	261	8660	21700	266	9570	17800	227	7320	---	---	---
8	21600	340	10300	22600	267	10100	18500	258	8740	---	---	---
9	22500	414	11100	22900	320	10600	18500	242	8560	---	---	---
10	23200	364	11200	21700	456	12000	18200	330	9890	---	---	---
11	22300	411	11300	20800	452	11000	17300	309	7290	---	---	---
12	21000	306	11100	18600	454	10600	15100	220	7040	---	---	---
13	18300	376	9560	18700	968	9770	16600	264	7000	---	---	---
14	16200	448	8120	17100	641	8380	15000	234	5850	---	---	---
15	15800	359	7050	17800	399	8320	13100	182	5070	---	---	---
16	15500	541	7450	16700	370	7470	14900	196	5940	---	---	---
17	14900	402	6680	16000	328	6690	---	---	---	---	---	---
18	14600	377	6530	16900	286	7080	---	---	---	---	---	---
19	14600	399	6370	17500	254	7640	---	---	---	---	---	---
20	14600	261	5930	19600	247	8420	---	---	---	---	---	---
21	16400	232	6690	25000	629	11600	---	---	---	---	---	---
22	17600	241	7590	27400	577	12200	---	---	---	---	---	---
23	21700	267	8840	26300	993	12500	---	---	---	---	---	---
24	23600	333	10500	26300	1080	12800	---	---	---	---	---	---
25	27400	385	11600	28100	999	13600	---	---	---	---	---	---
26	29800	1120	15000	27300	891	13600	---	---	---	---	---	---
27	32300	2920	19000	24700	605	13000	---	---	---	---	---	---
28	31400	2780	19000	22500	409	11400	---	---	---	---	---	---
29	28600	816	16200	20000	311	10000	---	---	---	---	---	---
30	23900	607	13100	17600	276	8350	---	---	---	---	---	---
31	21600	566	11600	---	---	---	---	---	---	---	---	---
MONTH	32300	232	10100	28100	247	10100	18500	182	7230	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-13 14:59 By ceoberst
APPROVED
DD #4, (MERGED)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	14400	249	5850
2	---	---	---	---	---	---	---	---	---	14500	243	5940
3	---	---	---	---	---	---	---	---	---	17400	240	7520
4	---	---	---	---	---	---	---	---	---	24000	463	11100
5	---	---	---	---	---	---	19300	157	6900	26400	762	13400
6	---	---	---	---	---	---	24700	205	8090	27600	821	14200
7	---	---	---	---	---	---	22000	180	8830	24200	519	12700
8	---	---	---	---	---	---	19400	196	7710	22300	320	11000
9	---	---	---	---	---	---	16400	160	6260	20300	304	9920
10	---	---	---	---	---	---	15100	160	6130	18700	290	8920
11	---	---	---	---	---	---	15800	199	7150	18600	303	8660
12	---	---	---	---	---	---	14300	189	6260	17300	337	8490
13	---	---	---	---	---	---	14600	170	5990	16000	275	7130
14	---	---	---	---	---	---	13400	174	5780	17500	330	7220
15	---	---	---	---	---	---	11800	181	5020	19300	354	8550
16	---	---	---	---	---	---	15200	185	5410	19300	344	8390
17	---	---	---	---	---	---	18500	191	6250	18000	301	7470
18	---	---	---	---	---	---	19900	202	7240	17300	273	6840
19	---	---	---	---	---	---	21100	227	8020	17000	501	8890
20	---	---	---	---	---	---	22900	278	9210	21500	532	11300
21	---	---	---	---	---	---	25700	359	12200	20900	552	11300
22	---	---	---	---	---	---	25100	316	12900	19800	590	11700
23	---	---	---	---	---	---	24700	315	14300	18300	549	9510
24	---	---	---	---	---	---	22000	559	11700	15500	341	7030
25	---	---	---	---	---	---	18800	372	9290	14500	335	6000
26	---	---	---	---	---	---	17700	391	8220	14100	321	5600
27	---	---	---	---	---	---	15800	375	7510	13400	330	5160
28	---	---	---	---	---	---	13000	286	5800	14100	300	5220
29	---	---	---	---	---	---	13500	246	4570	14100	346	5830
30	---	---	---	---	---	---	13800	289	5540	14600	393	5970
31	---	---	---	---	---	---	---	---	---	15200	322	6250
MONTH	---	---	---	---	---	---	25700	157	7780	27600	240	8490

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-13 14:59 By ceoberst
APPROVED
DD #4, (MERGED)
SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17800	317	7860	20100	252	9120	27400	1330	14200	22700	317	10700
2	21000	397	9560	20700	338	10200	27600	1800	16400	28400	330	14000
3	24200	735	12600	21100	511	10500	26500	1410	15500	25300	420	14500
4	22800	800	12600	22700	516	11600	25400	580	13900	21100	363	11500
5	25600	546	12400	22700	506	11900	24700	503	13600	18100	266	8670
6	22300	373	11600	22600	357	12100	24700	564	13300	16900	304	7500
7	21800	268	11100	22300	443	12100	23100	922	13200	15600	387	7190
8	21600	477	12100	19700	375	10000	21000	845	11600	13800	374	6420
9	20000	419	9970	16700	270	8280	19300	679	9780	13300	388	5760
10	18200	387	8700	14700	217	6640	17400	512	8700	13400	359	5600
11	17700	296	7840	14100	208	6030	16600	390	7360	14000	324	5770
12	17700	300	7450	15700	252	6310	15000	344	6330	15800	254	6270
13	17800	291	7680	15300	332	6260	14700	319	6250	14900	300	6150
14	19700	313	7960	13400	218	5050	15300	283	6400	14500	252	6020
15	20100	371	8890	12200	203	4650	14200	216	6100	16900	226	6850
16	19200	452	9630	11800	218	5180	15200	209	6510	17400	241	7900
17	20500	458	10400	13800	227	5910	15700	214	6930	18800	247	8960
18	21200	471	10600	14800	219	6800	16000	248	7440	18000	266	9370
19	19100	323	10200	14300	208	6160	19200	322	8880	17000	255	8090
20	17700	402	9380	14800	187	6170	20300	325	9600	14900	235	6990
21	17400	371	8320	14200	210	6190	18500	288	9040	12700	275	5820
22	14800	262	6640	14700	221	6000	17900	314	8620	12300	236	5260
23	10900	197	3910	12800	198	5410	18000	268	7820	11100	191	4460
24	9900	184	3300	10700	162	4170	17100	244	7510	11100	178	4280
25	8990	185	3080	11900	168	4300	18200	292	8170	14100	206	5460
26	9710	190	3120	10900	185	4440	17000	270	7930	13000	185	4600
27	11600	183	3520	14000	198	5240	17300	252	7870	10500	168	3400
28	13000	186	4280	14800	183	6070	17900	254	8070	15600	174	5610
29	15900	197	5680	15900	186	6770	19200	223	8770	23300	227	9540
30	17400	216	7620	19200	206	8290	19500	240	8440	25900	393	12700
31	---	---	---	22200	282	11100	21000	235	8760	---	---	---
MONTH	25600	183	8270	22700	162	7390	27600	209	9450	28400	168	7510
YEAR	32300	157	8570									

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-13 14:59 By ceoberst
APPROVED
DD #6

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.8	21.6	22.7	19.1	16.7	18.1	19.5	18.8	19.1	---	---	---
2	23.2	21.1	22.3	19.1	17.2	18.3	19.5	19.0	19.2	---	---	---
3	22.9	21.0	22.2	19.3	17.6	18.6	19.2	18.9	19.1	---	---	---
4	22.8	21.1	22.1	19.5	18.1	18.9	19.2	18.2	18.7	---	---	---
5	22.9	21.3	22.2	19.5	18.2	18.9	19.1	17.8	18.6	---	---	---
6	22.9	21.6	22.3	19.3	17.7	18.5	19.1	17.6	18.4	---	---	---
7	22.9	21.6	22.3	19.1	17.1	18.2	19.0	17.4	18.3	---	---	---
8	22.9	20.8	21.9	18.8	16.8	17.9	18.9	17.5	18.3	---	---	---
9	22.6	20.2	21.5	18.6	16.7	17.8	18.9	17.6	18.3	---	---	---
10	22.3	20.1	21.4	18.4	16.7	17.7	18.9	17.3	18.3	---	---	---
11	22.1	20.5	21.5	18.1	16.7	17.5	18.6	16.8	17.6	---	---	---
12	22.0	20.9	21.5	17.9	16.7	17.4	18.1	16.6	17.3	---	---	---
13	22.1	21.0	21.6	17.7	16.3	17.1	18.0	16.6	17.3	---	---	---
14	22.3	21.2	21.8	17.4	16.0	16.7	18.1	16.5	17.4	---	---	---
15	22.3	21.6	21.9	17.3	15.8	16.6	18.1	16.7	17.5	---	---	---
16	22.2	21.3	21.8	17.2	15.7	16.5	18.1	16.8	17.5	---	---	---
17	21.7	20.5	21.2	17.1	15.8	16.5	---	---	---	---	---	---
18	21.4	19.6	20.5	17.1	15.9	16.6	---	---	---	---	---	---
19	21.1	18.9	20.1	17.3	16.0	16.6	---	---	---	---	---	---
20	21.0	19.1	20.1	17.4	16.3	16.8	---	---	---	---	---	---
21	21.0	19.4	20.3	17.3	16.3	16.8	---	---	---	---	---	---
22	21.4	19.8	20.5	17.2	15.9	16.6	---	---	---	---	---	---
23	21.6	20.2	20.9	17.2	15.9	16.6	---	---	---	---	---	---
24	22.0	20.7	21.2	17.3	15.9	16.6	---	---	---	---	---	---
25	22.2	21.3	21.6	17.3	16.3	16.9	---	---	---	---	---	---
26	21.8	21.0	21.5	17.6	16.8	17.2	---	---	---	---	---	---
27	21.6	20.0	21.1	17.9	17.3	17.5	---	---	---	---	---	---
28	21.3	19.0	20.3	18.5	17.6	17.9	---	---	---	---	---	---
29	20.7	18.1	19.5	18.9	17.9	18.4	---	---	---	---	---	---
30	19.9	17.3	18.7	19.2	18.3	18.8	---	---	---	---	---	---
31	19.3	16.8	18.2	---	---	---	---	---	---	---	---	---
MONTH	23.8	16.8	21.2	19.5	15.7	17.5	19.5	16.5	18.2	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-13 14:59 By ceoberst
APPROVED
DD #6

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	24.9	23.6	24.3
2	---	---	---	---	---	---	---	---	---	25.1	23.6	24.5
3	---	---	---	---	---	---	---	---	---	25.6	24.3	24.8
4	---	---	---	---	---	---	---	---	---	25.6	24.8	25.1
5	---	---	---	---	---	---	21.6	20.6	21.1	25.6	24.8	25.0
6	---	---	---	---	---	---	21.3	19.9	20.6	25.6	24.5	24.9
7	---	---	---	---	---	---	21.0	19.8	20.3	25.6	24.4	24.9
8	---	---	---	---	---	---	20.7	19.7	20.2	25.6	24.5	25.1
9	---	---	---	---	---	---	20.6	19.7	20.2	26.0	25.0	25.4
10	---	---	---	---	---	---	20.6	20.1	20.3	26.7	25.2	25.8
11	---	---	---	---	---	---	20.6	20.1	20.4	26.9	25.8	26.2
12	---	---	---	---	---	---	20.8	19.9	20.4	27.2	26.3	26.6
13	---	---	---	---	---	---	20.9	20.3	20.6	27.4	26.6	26.9
14	---	---	---	---	---	---	21.4	20.4	20.9	27.2	26.7	27.0
15	---	---	---	---	---	---	21.9	21.0	21.4	27.0	26.2	26.7
16	---	---	---	---	---	---	22.8	21.6	22.1	27.0	25.8	26.4
17	---	---	---	---	---	---	23.4	22.0	22.7	26.8	25.5	26.2
18	---	---	---	---	---	---	24.3	22.4	23.4	26.7	25.4	26.1
19	---	---	---	---	---	---	24.8	22.8	23.9	26.4	23.9	25.2
20	---	---	---	---	---	---	25.3	23.2	24.4	25.8	22.9	24.4
21	---	---	---	---	---	---	25.7	23.5	24.7	25.0	22.4	23.9
22	---	---	---	---	---	---	25.7	24.0	24.9	24.4	22.3	23.5
23	---	---	---	---	---	---	25.7	24.2	24.8	23.7	22.0	22.9
24	---	---	---	---	---	---	25.3	24.4	24.8	23.6	22.0	22.8
25	---	---	---	---	---	---	25.1	24.5	24.8	23.7	22.6	23.2
26	---	---	---	---	---	---	25.0	24.6	24.8	24.4	23.3	23.8
27	---	---	---	---	---	---	24.7	24.1	24.5	24.8	23.8	24.2
28	---	---	---	---	---	---	24.9	23.7	24.4	25.4	24.2	24.7
29	---	---	---	---	---	---	25.1	24.0	24.7	25.7	24.6	25.0
30	---	---	---	---	---	---	24.9	24.1	24.5	26.2	25.0	25.5
31	---	---	---	---	---	---	---	---	---	26.5	25.4	25.9
MONTH	---	---	---	---	---	---	25.7	19.7	22.7	27.4	22.0	25.1

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-13 14:59 By ceoberst
APPROVED
DD #6

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.1	25.8	26.4	29.1	28.1	28.5	31.3	30.7	30.9	29.2	26.7	28.0
2	27.9	26.1	26.9	29.4	28.4	28.8	31.2	30.4	30.8	28.8	26.5	27.9
3	28.5	26.3	27.4	29.6	28.6	29.1	31.2	29.8	30.5	28.4	26.5	27.7
4	29.1	27.0	28.0	29.7	28.8	29.3	30.8	29.8	30.3	28.3	26.6	27.6
5	29.6	27.5	28.4	30.1	29.1	29.6	30.6	29.8	30.3	28.5	27.0	27.8
6	29.2	28.0	28.6	30.3	29.4	29.8	30.9	30.0	30.4	28.6	27.4	28.0
7	29.4	28.3	28.7	30.2	29.6	29.9	30.8	30.1	30.5	28.6	27.6	28.2
8	28.8	28.2	28.5	30.1	29.6	29.8	30.4	29.5	30.0	28.7	27.6	28.2
9	28.5	28.0	28.3	30.7	29.4	29.8	30.0	28.8	29.5	28.9	27.6	28.3
10	28.7	27.8	28.1	30.7	29.4	29.9	29.8	28.2	29.1	29.0	27.5	28.3
11	28.7	27.6	28.2	30.6	29.5	30.0	29.7	27.9	28.9	29.0	27.6	28.4
12	29.0	27.8	28.3	30.2	29.6	29.9	29.8	27.8	28.8	29.1	28.0	28.6
13	29.4	28.1	28.7	30.0	29.1	29.6	29.5	27.8	28.7	29.1	28.0	28.5
14	29.5	28.5	29.0	30.1	28.7	29.5	29.2	27.7	28.5	28.8	27.8	28.3
15	29.5	28.8	29.1	30.4	28.8	29.7	29.4	27.8	28.6	28.7	27.5	28.1
16	29.5	28.6	29.0	30.8	29.4	30.1	29.7	28.3	29.0	28.6	27.5	28.1
17	29.4	28.6	28.9	31.0	29.8	30.4	29.8	29.0	29.4	28.6	27.6	28.1
18	29.2	27.8	28.6	31.2	30.2	30.8	30.1	29.4	29.7	28.7	27.8	28.3
19	28.8	27.4	28.2	31.4	30.6	31.0	30.4	29.5	29.9	28.6	28.0	28.3
20	28.6	26.9	27.9	32.1	31.2	31.4	30.4	29.7	30.0	28.6	27.5	28.1
21	28.1	26.4	27.4	31.7	31.1	31.3	30.7	29.8	30.2	28.4	27.1	27.8
22	27.5	25.5	26.5	31.9	30.8	31.1	31.1	29.9	30.4	28.4	26.9	27.8
23	26.8	25.2	25.9	31.1	30.0	30.7	31.1	30.1	30.5	28.4	27.0	27.7
24	26.8	25.2	26.0	30.6	28.9	29.8	31.2	30.3	30.7	28.1	26.9	27.5
25	27.0	26.0	26.5	30.5	28.7	29.7	31.2	30.6	30.9	28.0	26.3	27.2
26	27.1	26.2	26.7	30.5	29.3	30.0	31.0	30.4	30.7	27.7	26.1	27.0
27	27.6	26.3	27.0	30.7	29.6	30.2	30.8	29.6	30.2	27.8	26.4	27.1
28	28.1	26.9	27.5	31.0	29.8	30.4	30.5	29.1	29.8	27.9	26.8	27.4
29	28.2	27.6	27.9	31.2	30.1	30.7	30.3	28.7	29.5	28.0	27.1	27.5
30	28.9	27.8	28.2	31.7	30.4	30.9	30.1	27.9	29.0	28.1	26.9	27.5
31	---	---	---	31.7	30.6	31.0	29.4	27.1	28.4	---	---	---
MONTH	29.6	25.2	27.8	32.1	28.1	30.1	31.3	27.1	29.8	29.2	26.1	27.9
YEAR	32.1	15.7	24.9									

SAVANNAH RIVER BASIN
2002 Water Year

02198977 SAVANNAH RIVER AT BROAD STREET AT SAVANNAH, GA

LOCATION.—Lat 32°05'02", long 81°05'45" referenced to North American Datum (NAD) of 1927, Chatham County, Hydrologic Unit 3060109, at downstream side of seawall at SEPCO Riverside Power Plant, located on River Street at the foot of Martin Luther King Jr. Boulevard, 0.4 miles northwest of U.S. Customs House at Savannah.

DRAINAGE AREA.—Indeterminate.

COOPERATION.—Georgia Environmental Protection Division.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1987 to current year.

GAGE.—Water-stage recorder. Datum is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929, supplementary adjustment of 1936 (levels by U.S. Army Corps of Engineers). Prior to October 1, 2001, gage datum was 3.46 feet lower.

REMARKS.—Records good.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height recorded, 7.58 feet, February 7, 1993; minimum gage-height recorded, -6.24 feet, January 9, 2001. Extremes have been adjusted to NGVD of 1929 (SA of 1936).

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 6.64 feet, August 7; minimum gage-height recorded, -5.37 feet, March 27.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 14, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02198977 SAVANNAH RIVER AT BROAD STREET, AT SAVANNAH, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320502 LONGITUDE 0810545 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 0.00 NGVD29
Date Processed: 2003-03-11 11:20 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	5.20	-2.45	5.20	-3.26	5.19	-4.10	5.14	-5.01	---	---	---	---
2	5.30	-2.55	5.07	-3.40	5.33	-4.05	5.70	-4.45	---	---	---	---
3	5.21	-2.69	5.02	-3.57	5.61	-3.35	5.61	-5.20	---	---	---	---
4	5.07	-2.89	5.07	-3.51	5.59	-3.41	4.83	-4.23	---	---	---	---
5	4.97	-3.17	5.49	-2.50	5.48	-3.57	4.81	-3.87	---	---	---	---
6	4.76	-3.19	5.40	-2.53	5.11	-3.59	4.76	-5.02	---	---	---	---
7	5.01	-2.87	4.99	-3.02	4.98	-3.37	---	---	---	---	---	---
8	5.26	-2.12	4.99	-3.01	5.00	-3.25	---	---	---	---	---	---
9	5.38	-1.35	4.93	-2.86	4.78	-4.13	---	---	---	---	---	---
10	5.31	-1.89	5.13	-3.33	5.56	-3.48	---	---	---	---	---	---
11	5.35	-2.50	5.11	-3.89	5.47	-3.85	---	---	---	---	---	---
12	5.31	-3.02	5.87	-3.85	5.45	-3.96	---	---	---	---	---	---
13	5.79	-3.12	6.25	-2.83	5.71	-4.18	---	---	---	---	---	---
14	5.75	-3.50	6.15	-3.47	5.41	-4.11	---	---	---	---	4.31	-4.28
15	6.03	-4.24	6.34	-3.65	5.01	-4.37	---	---	---	---	4.33	-4.42
16	6.17	-3.92	6.14	-3.40	5.40	-3.36	---	---	---	---	4.21	-4.74
17	6.13	-4.59	5.63	-3.62	5.03	-3.45	---	---	---	---	4.29	-4.12
18	6.09	-3.82	5.27	-3.11	4.01	-4.09	---	---	---	---	4.26	-3.73
19	6.05	-3.14	5.00	-3.07	4.48	-3.03	---	---	---	---	4.44	-3.08
20	5.46	-3.21	4.68	-2.81	3.97	-2.95	---	---	---	---	4.47	-2.69
21	5.30	-2.89	4.93	-1.39	3.89	-2.44	---	---	---	---	4.05	-2.60
22	5.02	-2.25	4.52	-1.84	4.23	-1.83	---	---	---	---	4.50	-2.65
23	4.80	-1.65	4.17	-1.77	4.02	-1.73	---	---	---	---	4.50	-2.62
24	4.57	-1.67	4.03	-2.17	3.75	-3.19	---	---	---	---	4.73	-3.68
25	3.93	-2.55	4.21	-2.81	4.00	-3.01	---	---	---	---	4.84	-4.34
26	3.35	-3.02	4.27	-3.33	4.57	-4.64	---	---	---	---	5.07	-4.41
27	4.29	-2.92	4.43	-3.35	4.41	-4.63	---	---	---	---	5.30	-5.37
28	4.55	-2.59	4.74	-3.76	4.74	-4.30	---	---	---	---	6.12	-5.18
29	4.79	-2.75	4.99	-3.90	5.07	-4.47	---	---	---	---	6.16	-4.50
30	4.89	-3.17	5.11	-3.89	5.09	-5.04	---	---	---	---	6.03	-4.61
31	5.01	-3.25	---	---	5.21	-4.59	---	---	---	---	5.73	-4.21
MONTH	6.17	-4.59	6.34	-3.90	5.71	-5.04	---	---	---	---	---	---

STATION NUMBER 02198977 SAVANNAH RIVER AT BROAD STREET, AT SAVANNAH, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320502 LONGITUDE 0810545 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 0.00 NGVD29
Date Processed: 2003-03-11 11:20 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5.49	-4.19	5.12	-3.60	---	---	3.95	-3.05	4.37	-2.19	4.64	-1.74
2	5.49	-3.46	---	---	---	---	3.90	-2.91	4.97	-2.09	5.21	-1.68
3	5.12	-3.03	---	---	---	---	3.86	-2.89	5.08	-1.74	5.70	-2.02
4	4.30	-2.44	---	---	---	---	4.20	-3.05	5.08	-2.23	5.52	-2.76
5	4.66	-1.76	4.16	-2.44	---	---	4.41	-3.12	5.46	-2.55	5.61	-4.04
6	4.66	-2.03	4.31	-2.51	---	---	4.92	-2.58	5.97	-2.70	6.14	-4.31
7	4.57	-2.27	---	---	---	---	5.33	-2.64	6.64	-2.08	6.21	-3.69
8	4.52	-2.92	---	---	---	---	4.90	-3.55	6.55	-2.70	5.94	-4.10
9	---	---	---	---	---	---	4.94	-4.09	6.47	-3.27	5.80	-3.86
10	4.39	-3.75	---	---	---	---	5.07	-4.90	6.11	-3.81	5.68	-3.75
11	4.82	-3.38	4.82	-4.07	---	---	5.16	-5.10	5.71	-3.95	5.42	-3.76
12	4.81	-3.47	4.82	-3.89	---	---	5.83	-4.07	5.34	-3.79	5.50	-3.48
13	4.89	-3.80	4.53	-4.15	---	---	5.35	-3.63	5.23	-3.93	5.14	-2.84
14	4.80	-3.89	4.91	-4.81	---	---	5.13	-4.44	5.03	-3.61	4.83	-2.65
15	4.68	-3.83	4.80	-3.61	---	---	4.85	-4.71	4.91	-3.59	4.47	-2.79
16	4.68	-3.49	4.56	-3.62	---	---	4.75	-4.09	4.68	-3.41	4.24	-3.35
17	4.54	-3.26	4.51	-3.58	---	---	4.82	-3.68	4.75	-3.63	4.67	-3.21
18	4.54	-3.23	4.55	-3.73	---	---	5.00	-3.55	4.57	-3.85	4.94	-3.08
19	4.49	-3.14	4.77	-2.17	---	---	5.01	-3.89	4.93	-3.77	5.14	-2.88
20	---	---	5.05	-2.53	---	---	5.20	-4.13	4.83	-3.58	5.20	-2.71
21	---	---	5.03	-3.17	5.82	-3.23	5.34	-4.22	4.93	-3.71	5.17	-2.79
22	---	---	5.68	-2.45	5.76	-3.40	5.27	-3.75	4.97	-3.56	5.20	-2.63
23	5.13	-3.55	5.88	-3.24	5.47	-4.28	4.96	-3.99	4.59	-3.47	4.95	-2.80
24	5.39	-3.98	---	---	5.34	-4.29	4.73	-4.15	4.50	-3.97	5.00	-2.95
25	5.57	-4.49	---	---	5.16	-4.29	4.88	-4.19	4.63	-3.58	5.25	-1.94
26	6.36	-5.23	---	---	4.87	-4.23	4.53	-4.12	4.32	-3.04	5.03	-2.01
27	6.02	-4.37	---	---	4.45	-4.29	4.28	-3.54	4.35	-3.03	4.41	-1.89
28	5.37	-5.20	---	---	3.92	-4.39	3.77	-3.73	4.15	-2.56	4.67	-2.00
29	5.14	-5.18	---	---	3.88	-3.93	3.75	-3.80	4.06	-2.62	4.80	-1.78
30	5.14	-4.45	---	---	3.88	-3.67	3.66	-3.69	4.29	-2.34	5.26	-1.16
31	---	---	---	---	---	---	3.90	-3.55	4.58	-2.08	---	---
MONTH	---	---	---	---	---	---	5.83	-5.10	6.64	-3.97	6.21	-4.31

STATION NUMBER 02198977 SAVANNAH RIVER AT BROAD STREET, AT SAVANNAH, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320502 LONGITUDE 0810545 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 0.00 NGVD29
Date Processed: 2003-03-11 11:10 By bemccall
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	0.01	0.01	1.06	0.00	0.02	0.01
2	---	---	---	---	---	---	0.00	0.00	0.58	0.00	0.00	0.07
3	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.20	0.00
4	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	0.03	0.09	0.00
7	---	---	---	---	---	---	0.00	0.00	---	0.07	0.02	0.00
8	---	---	---	---	---	---	0.00	0.00	---	0.27	0.00	0.09
9	---	---	---	---	---	---	0.00	---	---	0.35	0.00	0.00
10	---	---	---	---	---	---	0.37	---	---	0.00	0.00	0.00
11	---	---	---	---	---	---	0.01	0.00	---	1.30	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	---	0.55	0.00	0.00
13	---	---	---	---	---	---	0.00	0.09	---	0.33	0.31	0.24
14	---	---	---	---	---	0.00	0.00	0.01	---	0.00	0.01	0.10
15	---	---	---	---	---	0.00	0.00	0.00	---	0.00	0.00	0.10
16	---	---	---	---	---	0.00	0.00	0.00	---	0.00	0.00	0.00
17	---	---	---	---	---	0.00	0.00	0.01	---	0.00	0.00	0.00
18	---	---	---	---	---	0.00	0.00	1.23	---	0.00	0.36	0.13
19	---	---	---	---	---	0.00	0.00	0.41	---	0.00	0.00	0.06
20	---	---	---	---	---	0.00	0.00	0.00	---	0.00	0.00	0.07
21	---	---	---	---	---	0.56	0.00	0.00	2.55	0.01	0.00	0.00
22	---	---	---	---	---	0.00	0.00	0.00	2.78	0.01	0.00	0.00
23	---	---	---	---	---	0.00	0.00	0.00	0.72	0.26	0.00	0.00
24	---	---	---	---	---	0.00	0.00	0.00	0.55	0.03	0.00	0.78
25	---	---	---	---	---	0.00	0.02	0.00	0.79	0.08	2.06	1.34
26	---	---	---	---	---	0.65	0.00	0.00	0.09	0.00	0.85	0.37
27	---	---	---	---	---	0.01	0.00	0.00	0.01	0.00	0.95	0.12
28	---	---	---	---	---	0.00	0.00	0.10	0.05	0.00	0.08	0.00
29	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.06	0.13
30	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.27	0.00
31	---	---	---	---	---	0.80	---	0.01	---	0.00	0.49	---
TOTAL	---	---	---	---	---	---	0.41	---	---	3.30	7.77	3.61

021989784 LITTLE BACK RIVER ABOVE LUCKNOW CANAL, NEAR LIMEHOUSE, SC

LOCATION.—Lat 32°11'08", long 81°07'05" referenced to North American Datum (NAD) of 1927, Jasper County, SC, Hydrologic Unit 03060109, on a free-standing platform near the left bank, 300 feet upstream from the north control gate of Lucknow Canal, near the service road to the northern part of the Savannah National Wildlife Refuge, 1.3 miles north of the Refuge Headquarters, and 3.4 miles southwest of Limehouse, SC.

DRAINAGE AREA.—Not determined.

COOPERATION.—U.S. Army Corps of Engineers, Savannah District.

CONTINUOUS WATER-QUALITY RECORDS

INSTRUMENTATION.—Continuous water-quality monitor.

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: May 1990 to current year.
WATER TEMPERATURE: November 1999 to current year.

REMARKS.—Records fair.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum recorded, 12,200 microsiemens October 6, 1990; minimum recorded, 40 microsiemens, on several days in water years 1993, 1995, and 1998.
WATER TEMPERATURE: Maximum recorded, 30.8 °C, July 20, 2000; minimum recorded, 4.6 °C, January 4,5, 2001.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum recorded (greater than 20 percent missing), 4,220 microsiemens, April 26; minimum recorded, 180 microsiemens, March 22.
WATER TEMPERATURE: Maximum recorded (greater than 20 percent missing), 30.5 °C, July 6; minimum recorded, 9.9 °C, March 1, 5.

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321108 LONGITUDE 0810705 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-13 15:00 By ceoberst
APPROVED
DD #3, (MERGED)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	1620	952	1200
31	---	---	---	---	---	---	---	---	---	1420	867	1080
MONTH	---	---	---	---	---	---	---	---	---	1620	867	1140

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321108 LONGITUDE 0810705 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-13 15:00 By ceoberst
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DD #3, (MERGED)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1270	783	952	1870	1050	1190	1320	652	857	1420	688	941
2	1000	654	838	1540	912	1140	1040	503	659	1490	507	849
3	997	694	846	1060	636	815	1010	439	598	1380	358	653
4	908	442	788	686	382	585	896	280	453	1080	336	566
5	1050	438	719	547	349	452	573	232	341	1090	379	594
6	1150	477	775	522	351	444	436	205	316	1150	420	729
7	1190	349	914	497	341	420	652	221	377	1160	430	784
8	1060	288	599	456	312	395	722	319	504	1020	465	732
9	1320	495	1000	432	239	352	1300	377	640	1210	550	882
10	1160	553	943	597	344	477	1620	398	671	1230	660	961
11	885	299	668	910	528	751	1460	469	779	1350	653	964
12	715	273	538	1100	812	1000	1390	601	868	1460	864	1090
13	754	363	613	1260	909	1080	1570	597	868	1270	736	1080
14	837	394	625	1110	538	865	1520	593	843	1250	603	920
15	874	503	741	1120	580	850	1570	530	830	1250	752	922
16	898	441	673	1040	507	809	1460	459	753	1200	758	987
17	936	328	621	1080	436	700	1200	393	663	1160	648	941
18	1000	263	487	1200	380	695	1130	281	569	1090	490	779
19	744	226	403	1170	361	623	1180	284	541	985	465	750
20	679	198	382	968	276	558	1100	279	569	1330	748	971
21	597	210	352	880	202	386	1110	329	720	1640	1040	1320
22	832	204	384	920	180	548	1500	482	903	2520	1280	1640
23	1310	260	667	952	324	653	2010	683	1290	2890	1560	1900
24	1570	367	990	1080	327	785	2870	1470	1920	2490	1440	1740
25	2250	1290	1740	1490	573	1010	2660	1800	2080	2020	1130	1450
26	2610	1580	1970	1590	916	1250	4220	1470	2000	1800	972	1280
27	1970	1290	1740	1550	957	1220	2870	1480	1890	1610	956	1180
28	1870	953	1280	2290	930	1240	2870	1240	1590	1550	914	1100
29	---	---	---	2100	1000	1310	1880	865	1240	1590	923	1080
30	---	---	---	2250	970	1250	1460	769	990	1530	879	1040
31	---	---	---	1690	844	1090	---	---	---	1280	780	958
MONTH	2610	198	830	2290	180	805	4220	205	911	2890	336	1030

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 053
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DD #3, (MERGED)
SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	1080	349	597	---	---	---	787	265	483
2	1510	498	776	1010	356	635	---	---	---	922	313	577
3	1510	489	834	938	289	557	---	---	---	2010	509	900
4	---	---	---	957	335	538	---	---	---	2090	959	1240
5	1490	532	1010	1040	372	683	---	---	---	2010	1070	1360
6	1370	617	948	1450	507	846	---	---	---	3120	1120	1470
7	1670	684	1070	---	---	---	---	---	---	2760	1170	1560
8	2450	811	1200	---	---	---	---	---	---	2730	1220	1520
9	2770	1160	1560	---	---	---	---	---	---	2020	1130	1400
10	2490	1320	1610	---	---	---	---	---	---	1720	1050	1260
11	2190	1180	1460	---	---	---	---	---	---	1460	941	1120
12	2020	1040	1330	---	---	---	---	---	---	1280	906	1040
13	2020	990	1270	---	---	---	---	---	---	1170	891	995
14	1890	1030	1290	---	---	---	---	---	---	1030	691	880
15	1820	1000	1290	---	---	---	---	---	---	908	544	724
16	2040	1140	1450	---	---	---	---	---	---	881	456	651
17	2140	1230	1590	---	---	---	---	---	---	1220	474	742
18	2080	1380	1640	---	---	---	---	---	---	1260	696	979
19	2310	1380	1650	---	---	---	---	---	---	1390	945	1110
20	---	---	---	---	---	---	1510	771	1070	1240	940	1060
21	---	---	---	---	---	---	1760	846	1200	1110	818	946
22	---	---	---	---	---	---	1730	985	1270	987	788	881
23	1150	614	805	---	---	---	1500	908	1220	881	692	785
24	1250	534	731	---	---	---	1350	724	1080	759	582	646
25	1270	480	655	---	---	---	1220	672	976	649	530	578
26	1280	461	605	---	---	---	1170	789	986	554	462	503
27	1400	416	601	---	---	---	1030	513	818	483	394	446
28	---	---	---	---	---	---	921	479	699	419	275	358
29	---	---	---	---	---	---	894	337	583	531	330	402
30	1270	342	569	---	---	---	856	258	428	701	364	527
31	---	---	---	---	---	---	898	226	410	---	---	---
MONTH	2770	342	1130	1450	289	643	1760	226	895	3120	265	905
YEAR	4220	180	918									

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321108 LONGITUDE 0810705 NAD27 DATUM 0.00 NGVD29
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APPROVED
DD #4

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	16.8	15.3	15.9
31	---	---	---	---	---	---	---	---	---	17.7	16.2	16.9
MONTH	---	---	---	---	---	---	---	---	---	17.7	15.3	16.4

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 053
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	18.3	16.8	17.6	11.9	9.9	10.9	21.3	20.2	20.8	24.4	22.3	23.3
2	18.1	16.6	17.3	13.3	11.1	12.0	21.5	19.4	20.6	25.2	23.2	24.1
3	16.9	14.6	15.5	14.2	12.9	13.7	22.0	20.4	21.2	25.6	23.9	24.9
4	14.9	13.1	14.2	13.9	11.1	12.2	22.6	20.7	21.3	25.7	24.4	25.2
5	13.6	12.0	12.7	11.8	9.9	11.0	21.1	19.5	20.4	25.4	24.0	24.8
6	12.6	11.6	12.0	12.1	10.3	11.3	20.2	18.8	19.6	24.9	23.4	24.3
7	12.8	11.9	12.4	12.9	11.0	11.9	19.9	18.4	19.0	25.5	23.8	24.7
8	12.4	11.4	12.0	13.6	12.0	12.8	20.1	18.7	19.3	26.0	24.5	25.3
9	12.4	11.4	12.0	15.0	13.0	13.9	21.2	19.5	20.1	26.5	25.0	25.7
10	13.4	12.3	12.7	15.6	14.3	15.0	21.0	19.8	20.2	26.9	25.5	26.1
11	13.2	12.1	12.7	15.1	14.1	14.7	20.6	19.7	19.9	27.4	25.9	26.5
12	12.6	11.6	12.1	15.4	14.5	14.9	21.2	19.6	20.2	27.5	25.9	26.7
13	12.2	11.3	11.6	16.1	15.2	15.7	21.4	20.2	20.6	27.6	25.8	26.6
14	12.2	11.0	11.5	16.9	15.2	16.0	22.0	20.1	20.9	26.9	25.1	26.0
15	11.9	11.1	11.5	17.8	16.0	16.8	22.7	20.8	21.6	26.0	23.9	25.0
16	12.4	11.3	11.8	18.6	16.8	17.6	23.4	21.2	22.3	25.4	23.4	24.6
17	12.3	11.3	11.9	19.6	17.8	18.6	23.9	22.0	22.9	25.6	23.8	24.7
18	12.2	11.0	11.6	20.3	18.7	19.2	24.6	22.6	23.6	25.4	24.6	25.0
19	12.3	10.8	11.6	20.8	19.0	19.7	25.1	23.2	24.2	24.8	21.6	22.8
20	13.2	11.8	12.5	20.9	19.5	20.2	25.8	23.8	24.8	21.8	20.2	21.2
21	14.2	12.8	13.5	20.6	19.8	20.2	26.1	24.5	25.4	21.8	20.0	20.9
22	13.8	12.8	13.4	20.1	18.5	19.3	26.0	24.6	25.5	21.6	20.1	20.8
23	13.5	13.0	13.3	18.9	17.3	18.2	25.5	23.9	24.8	21.8	20.0	20.7
24	13.2	12.3	12.8	18.7	17.0	17.8	24.8	23.5	24.1	22.4	20.4	21.4
25	13.8	12.4	13.0	19.0	17.8	18.4	25.0	23.2	24.1	23.5	21.6	22.5
26	14.9	13.1	13.9	19.9	18.5	19.1	24.8	23.4	24.1	24.1	22.5	23.3
27	14.8	11.9	13.1	20.6	19.1	19.7	24.2	22.6	23.3	24.4	22.6	23.6
28	11.9	10.4	11.3	19.8	18.4	19.2	24.5	22.3	23.4	24.9	23.1	24.0
29	---	---	---	20.1	18.0	19.1	25.3	23.4	24.3	25.0	23.4	24.3
30	---	---	---	20.6	19.3	20.0	24.5	22.6	23.4	25.3	23.9	24.7
31	---	---	---	21.4	20.1	20.7	---	---	---	26.1	24.3	25.2
MONTH	18.3	10.4	12.9	21.4	9.9	16.4	26.1	18.4	22.2	27.6	20.0	24.2

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 053
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	28.9	27.2	28.1	---	---	---	26.5	25.8	26.2
2	28.0	26.0	27.0	29.1	27.7	28.5	---	---	---	26.4	25.8	26.1
3	28.7	27.2	28.0	29.5	28.1	28.8	---	---	---	26.9	25.6	26.2
4	---	---	---	29.8	28.4	29.1	---	---	---	27.3	25.9	26.5
5	29.2	28.0	28.6	30.4	28.8	29.7	---	---	---	27.8	26.4	27.0
6	29.3	28.0	28.6	30.5	29.4	29.9	---	---	---	27.8	26.7	27.3
7	29.4	27.6	28.5	---	---	---	---	---	---	27.5	26.3	27.0
8	28.2	26.8	27.5	---	---	---	---	---	---	27.5	25.9	26.7
9	27.3	25.8	26.4	---	---	---	---	---	---	27.4	25.8	26.6
10	27.2	25.3	26.2	---	---	---	---	---	---	27.2	25.2	26.3
11	27.5	25.6	26.5	---	---	---	---	---	---	26.8	25.3	26.2
12	27.9	26.1	27.0	---	---	---	---	---	---	27.2	26.1	26.7
13	28.5	26.7	27.7	---	---	---	---	---	---	27.0	26.1	26.6
14	28.8	27.3	28.2	---	---	---	---	---	---	26.8	25.8	26.4
15	28.6	27.0	28.0	---	---	---	---	---	---	26.8	26.4	26.6
16	28.2	26.3	27.5	---	---	---	---	---	---	27.5	26.3	26.9
17	27.8	26.4	27.2	---	---	---	---	---	---	28.1	26.8	27.4
18	27.3	26.2	26.8	---	---	---	---	---	---	27.9	27.1	27.4
19	27.2	25.7	26.4	---	---	---	---	---	---	27.4	26.9	27.2
20	---	---	---	---	---	---	29.8	28.7	29.2	27.0	26.4	26.7
21	---	---	---	---	---	---	29.8	28.6	29.2	26.9	25.8	26.4
22	---	---	---	---	---	---	30.0	28.7	29.4	26.9	25.8	26.5
23	25.3	23.7	24.2	---	---	---	30.0	28.7	29.5	26.7	26.1	26.5
24	26.2	24.2	25.1	---	---	---	30.4	28.8	29.6	26.5	25.7	26.1
25	26.5	25.2	25.7	---	---	---	30.2	29.4	29.8	25.9	25.2	25.4
26	26.6	25.2	25.8	---	---	---	29.7	28.4	28.9	25.9	24.8	25.4
27	27.4	25.3	26.3	---	---	---	28.6	27.8	28.2	26.8	25.7	26.2
28	---	---	---	---	---	---	28.1	27.1	27.7	26.9	26.2	26.6
29	---	---	---	---	---	---	28.0	27.4	27.7	26.8	26.2	26.5
30	28.3	26.9	27.7	---	---	---	27.8	26.4	27.0	26.7	25.8	26.3
31	---	---	---	---	---	---	26.7	26.1	26.4	---	---	---
MONTH	29.4	23.7	27.0	30.5	27.2	29.0	30.4	26.1	28.6	28.1	24.8	26.5
YEAR	30.5	9.9	22.0									

02198979 LITTLE BACK RIVER AT LUCKNOW CANAL, NEAR LIMEHOUSE, SC

LOCATION.—Lat 32°11'05", long 81°07'02" referenced to North American Datum (NAD) of 1927, Jasper County, SC, Hydrologic unit 03060109, at the end of the fishing pier at the north control gate of Lucknow Canal on the service road to the northern part of the Savannah National Wildlife Refuge accessed from US 17, 1.3 miles north of Refuge Headquarters, and 3.4 miles southwest of the Limehouse, SC.

DRAINAGE AREA.—Indeterminate.

COOPERATION.—U.S. Army Corps of Engineers, Savannah District.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 1987 to current year.

GAGE.-- Water-stage recorder. Datum of gage is 3.39 feet below National Geodetic Vertical Datum (NGVD) of 1929, at mean low water (levels by U.S. Army Corps of Engineers).

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD. —Maximum gage-height recorded, 10.86 feet, February 7, 1993; minimum gage-height recorded, –1.79 feet, April 7, 1989, but was lower during the day when the stage went below the recordable range of the gage.

EXTREMES FOR CURRENT YEAR. —Maximum gage-height recorded, 10.10 feet, August 7; minimum gage-height recorded, –1.68 feet, February 27.

STATION NUMBER 02198979 L. BACK RIVER AT LUCKNOW CANAL, NEAR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321105 LONGITUDE 0810702 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-11 11:20 By bemccall
APPROVED
DD #3, (MEAN LOW-WATER DATUM)
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.31	1.15	9.04	0.59	9.28	0.13	8.89	-0.85	8.75	-0.91	9.18	-0.79
2	8.37	0.99	8.97	0.60	9.34	0.18	9.27	-0.42	8.73	-0.87	9.33	0.09
3	8.31	0.90	8.92	0.34	9.58	0.66	9.19	-0.37	8.73	0.35	8.76	-0.87
4	8.21	0.77	8.97	0.35	9.57	0.72	8.62	-0.26	8.54	-0.50	8.37	-0.90
5	8.10	0.46	9.27	1.26	9.53	0.77	8.62	0.10	8.22	0.63	7.94	-0.09
6	7.95	0.37	9.26	1.56	9.25	0.68	8.59	-1.31	8.55	1.03	8.15	0.45
7	8.12	0.59	8.94	0.92	---	---	7.61	-1.12	8.62	-0.26	8.14	0.58
8	8.32	1.25	8.91	0.96	---	---	7.69	-0.66	8.15	-0.69	8.21	0.89
9	8.41	1.92	8.88	0.90	8.92	0.56	8.06	-0.75	8.57	0.06	8.29	0.37
10	8.33	1.40	9.06	0.58	9.23	1.25	7.88	-1.15	8.76	0.35	8.15	-0.11
11	8.35	0.89	---	---	9.10	0.38	8.16	-1.22	8.23	-0.23	8.44	0.08
12	8.34	0.56	---	---	9.12	-0.09	8.48	-1.15	8.53	-0.08	8.61	0.28
13	8.65	0.55	9.86	1.50	9.21	-0.05	7.98	-0.72	8.42	-0.15	8.49	-0.21
14	8.62	0.49	9.79	1.05	9.14	-0.01	8.29	-0.61	8.63	0.25	8.31	-0.43
15	8.79	0.17	9.93	0.73	8.82	-0.29	7.90	-0.51	8.43	0.44	8.33	-0.42
16	8.83	0.61	9.80	0.94	9.12	0.45	8.07	-0.12	8.29	0.11	8.25	-0.75
17	8.79	-0.01	9.44	0.71	8.89	0.64	7.93	-0.35	7.95	-0.19	8.31	-0.35
18	8.76	0.19	9.23	0.86	7.99	-0.30	7.44	-0.22	7.71	0.65	8.26	-0.01
19	8.72	0.74	9.02	1.03	8.39	0.73	7.91	0.47	7.85	0.72	8.30	0.60
20	8.31	0.36	8.73	1.13	7.91	0.70	7.61	0.31	7.94	0.85	8.41	1.01
21	8.22	0.43	9.00	2.48	7.87	1.17	7.61	0.70	7.88	0.72	7.99	1.08
22	8.00	0.94	8.66	2.00	8.17	1.74	7.75	0.86	8.03	0.79	8.45	0.96
23	8.67	1.49	8.38	2.05	8.01	1.87	8.03	0.82	8.30	1.07	8.43	0.99
24	8.47	1.96	8.30	1.66	7.84	0.35	8.19	0.10	8.86	1.06	8.62	0.13
25	7.93	1.05	8.40	1.07	7.99	0.58	8.15	-0.17	9.09	-0.16	8.75	-0.01
26	7.30	0.66	8.47	0.98	8.44	0.01	8.81	0.21	9.13	-0.45	8.93	-0.52
27	8.16	0.55	8.62	0.58	8.33	-0.85	9.01	-0.61	8.53	-1.68	9.03	-0.85
28	8.49	1.07	8.87	0.36	8.57	-0.49	8.97	-1.16	8.92	-1.38	9.67	-0.55
29	8.70	1.00	9.07	0.29	8.85	-0.50	8.89	-1.19	---	---	9.71	0.33
30	8.76	0.69	9.21	0.31	8.84	-0.90	8.93	-1.22	---	---	9.59	-0.01
31	8.88	0.57	---	---	8.96	-0.50	8.98	-1.08	---	---	9.59	0.22
MONTH	8.88	-0.01	---	---	---	---	9.27	-1.31	9.13	-1.68	9.71	-0.90

STATION NUMBER 02198979 L. BACK RIVER AT LUCKNOW CANAL, NEAR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321105 LONGITUDE 0810702 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
Date Processed: 2003-03-11 11:20 By bemccall
APPROVED
DD #3, (MEAN LOW-WATER DATUM)
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	9.35	-0.03	9.04	0.31	8.55	0.91	8.06	0.65	8.43	1.46	8.85	2.12
2	9.02	0.66	8.58	0.12	8.29	0.93	8.00	0.82	8.86	1.56	9.34	2.20
3	8.95	0.65	7.88	-0.09	8.47	1.17	7.98	0.82	8.94	1.88	9.73	1.97
4	8.34	1.18	7.98	0.81	8.60	1.90	8.22	0.60	8.95	1.39	9.66	1.31
5	8.53	2.01	8.17	1.21	8.61	1.32	8.41	0.58	9.25	1.08	9.57	0.25
6	8.56	1.65	8.29	1.16	8.58	0.74	8.84	1.15	9.64	1.09	9.88	0.21
7	8.48	1.55	---	---	8.76	0.54	9.12	1.11	10.10	1.84	9.62	1.20
8	8.49	0.89	---	---	9.39	1.91	8.92	0.26	10.02	1.40	9.42	1.13
9	8.16	0.38	---	---	9.48	1.53	8.90	-0.19	9.94	1.05	9.33	1.20
10	8.34	-0.06	---	---	9.38	1.10	8.94	-0.80	9.70	0.65	9.33	1.25
11	8.67	0.31	---	---	9.30	0.39	8.89	-0.98	9.65	0.40	9.14	0.93
12	8.65	0.42	---	---	9.23	0.30	9.44	0.20	9.42	0.36	9.24	0.87
13	8.74	-0.01	---	---	9.19	0.30	9.44	0.36	9.12	0.40	9.04	1.49
14	8.69	0.03	---	---	9.19	0.18	9.24	-0.38	8.98	0.43	8.80	1.59
15	8.59	-0.06	---	---	9.17	0.31	8.88	-0.36	8.81	0.32	8.54	1.41
16	8.59	0.26	---	---	9.08	0.85	8.69	-0.02	8.66	0.48	8.39	0.97
17	8.59	0.48	---	---	9.03	0.85	8.76	0.20	8.68	0.09	8.78	0.98
18	8.47	0.44	---	---	8.94	0.66	8.94	0.32	8.58	-0.10	9.01	1.33
19	8.40	0.58	---	---	9.11	0.49	8.90	-0.11	8.85	-0.04	9.18	1.61
20	8.21	0.57	---	---	9.28	0.35	9.11	-0.32	8.76	0.44	9.25	1.91
21	8.46	0.73	---	---	9.52	0.55	9.16	-0.35	8.87	0.17	9.17	1.85
22	8.44	-0.31	---	---	9.49	1.01	9.10	0.04	8.95	0.41	9.16	1.88
23	8.96	-0.31	---	---	9.20	-0.19	8.90	0.15	8.71	0.51	8.95	1.71
24	9.12	0.26	---	---	9.22	-0.31	8.67	-0.25	8.60	0.08	8.96	1.42
25	9.25	-0.26	---	---	9.11	-0.27	8.80	-0.22	8.73	0.36	9.14	2.25
26	9.80	-0.46	---	---	8.78	-0.11	8.49	-0.04	8.61	0.89	9.02	2.21
27	9.60	0.07	---	---	8.51	-0.22	8.32	0.24	8.51	0.88	8.40	2.23
28	9.20	-0.75	---	---	8.46	-0.38	8.28	0.02	8.51	1.33	8.60	1.98
29	9.04	-1.03	---	---	7.94	-0.18	7.89	-0.04	8.31	1.24	8.68	2.17
30	8.99	-0.17	---	---	7.98	0.06	7.78	0.04	8.51	1.65	9.07	2.77
31	---	---	---	---	---	---	7.98	0.20	8.79	2.00	---	---
MONTH	9.80	-1.03	---	---	9.52	-0.38	9.44	-0.98	10.10	-0.10	9.88	0.21

021989791 LITTLE BACK RIVER AT FISH & WILDLIFE DOCK, NEAR LIMEHOUSE, SC

LOCATION.—Lat 32°10'14", long 81°07'06" referenced to North American Datum (NAD) of 1927, Jasper County, SC, Hydrologic Unit 03060109, on right dock headwall on the left bank at US Fish and Wildlife Dock at the headquarters of the Savannah National Wildlife Refuge, 0.3 miles north of US 17, and 4.1 miles southwest of Limehouse, SC.

DRAINAGE AREA.—Not determined.

COOPERATION.—U.S. Army Corps of Engineers, Savannah District.

PERIOD OF RECORD.—September 1989 to current year.

CONTINUOUS WATER-QUALITY RECORDS

INSTRUMENTATION.—Continuous water-quality monitor.

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: September 1989 to current year.
WATER TEMPERATURE: October 1999 to current year.

REMARKS.—Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum recorded, 15,500 microsiemens, August 7, 2002; minimum recorded, 40 microsiemens, October 13, 1994, February 26, 27, 1995, February 17, 1998.
WATER TEMPERATURE: Maximum recorded, 31.6 °C, July 20, 2002; minimum recorded, 5.0 °C, January 4, 2001.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 15,500 microsiemens, August 7; minimum, 102 microsiemens, March 15.
WATER TEMPERATURE: Maximum, 31.6 °C, July 20; minimum, 6.2 °C, January 4.

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321014 LONGITUDE 0810706 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-13 15:02 By ceoberst
APPROVED
DD #3, (MERGED)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4720	1450	2330	5970	1650	2740	4080	1050	1790	3610	991	1630
2	4870	1530	2350	4980	1660	2490	3880	991	1670	5300	894	1730
3	4410	1580	2370	4300	1410	2200	5040	939	1800	3880	955	1500
4	3420	1510	2100	4350	1150	1940	5060	1010	1760	1950	570	1060
5	2840	1310	1810	6080	1090	2020	4430	1010	1660	1890	698	1040
6	2190	955	1470	5360	1070	1900	3090	838	1360	1800	517	1020
7	3130	768	1360	3260	710	1450	2400	706	1170	1200	281	677
8	4420	772	1420	2770	752	1350	2660	774	1270	1330	298	765
9	5020	823	1540	3360	708	1440	2190	923	1350	1830	416	979
10	4840	830	1520	5020	715	1880	6210	931	2140	1500	487	962
11	5480	850	1680	4860	1370	2350	4390	1160	1790	1910	446	979
12	5320	1130	1920	8340	1630	3430	4460	1010	1710	2190	522	1100
13	6480	1350	2370	9670	1930	4100	4790	1000	1760	1310	582	941
14	5790	1460	2570	8600	1850	3400	3630	1000	1520	1590	475	905
15	6480	1260	2340	8370	1690	3170	2120	813	1190	1240	490	848
16	6970	1270	2770	7440	1470	2730	3580	693	1270	1180	372	756
17	6600	1240	2460	4640	1310	2010	2710	750	1190	1130	394	724
18	6290	1210	2290	3570	1080	1630	1430	541	921	1030	338	659
19	5600	1170	2080	2340	922	1370	1620	497	909	1200	245	579
20	3290	1050	1530	1890	617	1170	1350	277	770	932	232	506
21	2800	837	1310	2700	494	1170	1570	284	686	1190	252	555
22	1920	681	1120	2150	432	1030	1720	239	685	1170	212	575
23	1820	618	1060	1760	360	918	1740	300	850	1450	260	656
24	1730	541	1040	1710	379	909	1710	232	683	1690	286	786
25	1530	315	933	1910	308	895	1950	212	834	1830	346	958
26	1280	234	672	2330	477	1080	3020	360	1100	5720	522	1720
27	2320	243	923	2650	568	1300	3430	378	1390	6830	1100	2260
28	3620	538	1680	3320	767	1610	4850	694	1870	5620	1140	2160
29	4940	1320	2400	4040	1050	1910	5880	1210	2330	4510	1020	1870
30	4790	1570	2650	4160	1180	1940	4770	1200	2140	3950	1010	1670
31	5200	1640	2690	---	---	---	4770	1180	1990	3550	920	1490
MONTH	6970	234	1830	9670	308	1920	6210	212	1410	6830	212	1100

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321014 LONGITUDE 0810706 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-13 15:02 By ceoberst
APPROVED
DD #3, (MERGED)
SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2500	834	1240	4600	142	1460	3010	784	1210	---	---	---
2	1930	724	1050	5320	158	1780	2250	643	960	---	---	---
3	1690	770	1080	1740	134	722	1480	568	795	---	---	---
4	1300	531	903	1360	151	564	---	---	---	---	---	---
5	1490	525	936	1150	112	591	---	---	---	---	---	---
6	1930	563	1110	1140	104	547	---	---	---	---	---	---
7	2110	584	1210	1350	104	535	---	---	---	---	---	---
8	1840	370	980	1340	149	568	---	---	---	---	---	---
9	2210	524	1190	1310	123	513	---	---	---	---	---	---
10	2170	652	1230	1320	137	564	---	---	---	---	---	---
11	1370	412	878	5610	103	719	---	---	---	---	---	---
12	992	366	677	2930	112	872	---	---	---	---	---	---
13	1020	446	721	1990	126	803	---	---	---	---	---	---
14	1250	447	781	---	---	---	---	---	---	---	---	---
15	1290	588	920	1410	102	641	---	---	---	---	---	---
16	1240	533	853	1820	141	967	---	---	---	---	---	---
17	1260	411	770	1670	788	1170	---	---	---	---	---	---
18	1370	320	742	1660	740	1110	---	---	---	---	---	---
19	1390	272	629	1580	676	1040	---	---	---	---	---	---
20	1170	271	622	1740	435	869	---	---	---	---	---	---
21	1080	276	535	1160	323	580	---	---	---	---	---	---
22	1370	290	662	1200	317	708	---	---	---	---	---	---
23	2130	350	952	1500	478	929	---	---	---	---	---	---
24	6180	288	1700	2370	465	1150	---	---	---	---	---	---
25	8020	240	2640	3030	727	1400	---	---	---	---	---	---
26	7650	419	2960	3930	918	1730	---	---	---	---	---	---
27	3110	248	1350	3540	1110	1730	---	---	---	---	---	---
28	2550	115	1100	6840	1120	2380	---	---	---	---	---	---
29	---	---	---	6460	1200	2330	---	---	---	---	---	---
30	---	---	---	6420	1150	2020	---	---	---	---	---	---
31	---	---	---	5050	1020	1700	---	---	---	---	---	---
MONTH	8020	115	1090	6840	102	1090	3010	568	988	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321014 LONGITUDE 0810706 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-13 15:02 By ceoberst
APPROVED
DD #3, (MERGED)
SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1690	685	1070	1610	394	841	2570	371	1010	1330	304	652
2	1670	591	1050	1730	450	915	6710	567	1880	4670	303	1100
3	2600	570	1240	1870	359	925	7280	912	2280	7720	478	1900
4	3070	793	1540	2320	352	957	7180	1090	2250	6510	1060	2120
5	3000	618	1490	2900	359	1150	8710	1060	2570	5970	1200	2170
6	2870	605	1380	5240	475	1590	10900	1420	3530	7560	1230	2400
7	3340	773	1450	7930	715	2090	15500	1990	5140	7770	1320	2720
8	7270	782	2230	5310	1120	2010	14600	2580	5520	6560	1300	2590
9	7120	1280	2470	4840	1000	1940	13200	2430	5090	5920	1240	2280
10	6200	1390	2400	4600	878	1800	13000	2240	4370	4430	1130	1980
11	5450	1190	2160	3300	745	1470	9620	1900	3460	3630	1030	1690
12	5370	1050	1940	5690	693	1430	7140	1620	2770	4030	999	1540
13	5370	1010	1840	5790	991	1840	4580	1420	2170	2540	953	1400
14	5390	1050	1830	4570	944	1560	3270	1240	1790	1840	743	1200
15	5060	1030	1850	2690	778	1230	2480	1040	1510	1520	564	1010
16	5590	1170	2100	1870	710	1110	2180	887	1370	1430	539	924
17	5240	1360	2210	2100	777	1170	2540	769	1300	2400	487	1070
18	4440	1400	2270	2960	795	1300	2680	719	1280	2920	670	1340
19	5360	1400	2350	2870	759	1300	4240	692	1550	3110	1020	1520
20	5820	1330	2430	3880	661	1370	3510	895	1600	2870	1010	1480
21	5770	1190	2280	4180	651	1390	3910	1020	1710	2270	864	1300
22	4120	1020	1720	3720	741	1330	3840	1040	1750	1790	836	1160
23	2870	662	1160	1620	725	1090	2350	998	1580	1410	725	998
24	2360	609	980	1340	551	836	2080	821	1370	1120	579	818
25	2010	552	873	1780	514	796	2020	738	1290	1630	531	769
26	1630	520	752	1350	508	769	2020	826	1270	1200	473	657
27	1160	491	666	1120	487	774	1720	548	1090	817	382	536
28	950	456	652	1230	494	786	1700	511	932	732	286	448
29	1050	411	674	1220	375	747	1430	349	815	1180	301	558
30	1140	398	730	1310	366	740	1210	290	619	4240	385	1030
31	---	---	---	1690	289	789	1100	269	552	---	---	---
MONTH	7270	398	1590	7930	289	1230	15500	269	2110	7770	286	1380
YEAR	15500	102	1470									

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321014 LONGITUDE 0810706 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-13 15:02 By ceoberst
APPROVED
DD #4

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.8	20.5	21.0	17.8	16.5	17.2	19.5	19.0	19.2	10.0	9.2	9.6
2	21.6	20.0	20.8	18.6	17.6	18.1	19.3	19.0	19.1	9.6	7.9	8.9
3	21.6	20.3	21.0	19.2	18.4	18.8	19.0	18.1	18.5	8.4	6.7	7.4
4	21.8	20.7	21.3	19.5	18.8	19.1	18.4	17.1	17.7	7.2	6.2	6.7
5	22.0	21.2	21.6	19.4	18.1	18.6	18.3	17.3	17.7	7.3	6.5	6.9
6	22.3	21.6	22.0	18.4	16.8	17.4	18.2	17.4	17.8	8.7	7.0	7.8
7	22.2	21.4	21.8	17.3	15.9	16.5	18.3	17.6	17.9	8.7	8.2	8.4
8	21.6	20.2	20.8	17.0	15.9	16.4	18.2	17.6	18.0	8.5	7.7	8.1
9	20.9	19.4	20.1	17.2	16.3	16.7	18.6	17.9	18.3	8.7	7.6	8.1
10	20.9	19.5	20.1	17.4	16.4	16.8	18.4	17.0	17.9	9.6	8.1	8.7
11	21.3	19.7	20.7	17.3	16.3	16.7	17.4	15.9	16.7	10.4	9.1	9.7
12	21.8	20.9	21.3	17.1	16.2	16.6	16.8	15.9	16.2	10.5	9.9	10.2
13	22.3	21.4	21.8	16.7	15.6	16.1	17.0	16.1	16.6	10.6	9.9	10.3
14	22.6	21.6	22.1	16.1	15.3	15.6	18.0	16.9	17.5	10.4	10.0	10.1
15	22.3	21.7	22.0	16.0	15.2	15.6	18.4	17.8	18.1	10.6	9.8	10.2
16	22.0	20.8	21.5	16.2	15.3	15.8	18.0	17.0	17.3	10.4	9.9	10.2
17	21.4	19.2	20.1	16.3	15.6	16.0	18.0	16.6	17.1	10.6	10.0	10.3
18	20.1	17.5	18.7	16.3	15.6	16.0	17.4	17.0	17.2	10.8	10.1	10.5
19	19.5	17.1	18.3	16.3	15.7	16.0	17.0	16.0	16.4	12.0	10.8	11.3
20	19.6	18.1	18.8	16.7	16.1	16.4	16.1	15.0	15.4	12.3	11.6	12.0
21	20.1	19.1	19.6	16.6	16.1	16.3	15.1	14.0	14.5	12.2	11.7	12.0
22	20.8	19.9	20.4	16.3	15.4	15.9	14.1	13.4	13.8	12.4	11.5	12.0
23	21.5	20.6	21.0	16.2	15.7	16.0	14.0	13.4	13.7	13.3	11.9	12.6
24	22.1	21.2	21.6	17.1	16.1	16.6	14.1	13.5	13.8	14.4	13.2	13.7
25	22.7	21.9	22.3	17.5	16.9	17.1	13.5	12.2	12.9	14.5	14.0	14.3
26	22.2	20.5	21.3	17.9	17.1	17.5	12.5	10.9	11.8	14.0	13.4	13.7
27	20.7	19.1	19.8	18.5	17.6	18.0	11.1	10.0	10.6	13.9	13.3	13.6
28	19.1	17.4	18.4	18.7	18.0	18.3	10.7	9.9	10.3	14.9	13.7	14.3
29	17.8	16.6	17.2	18.9	18.3	18.7	11.2	10.1	10.7	16.2	14.4	15.3
30	17.1	16.1	16.5	19.2	18.7	18.9	11.0	10.7	10.8	17.3	15.7	16.5
31	17.1	15.8	16.4	---	---	---	10.8	9.8	10.2	18.2	16.7	17.5
MONTH	22.7	15.8	20.3	19.5	15.2	17.0	19.5	9.8	15.6	18.2	6.2	11.0

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321014 LONGITUDE 0810706 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-13 15:02 By ceoberst
APPROVED
DD #4

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	18.7	17.6	18.2	12.8	11.1	11.9	22.1	21.4	21.8	---	---	---
2	18.5	17.4	17.9	13.8	11.9	12.8	22.2	20.7	21.6	---	---	---
3	17.5	15.4	16.4	14.9	13.3	14.2	22.8	21.5	22.1	---	---	---
4	16.0	14.0	14.9	14.5	11.9	13.1	---	---	---	---	---	---
5	14.1	12.9	13.4	12.3	10.9	11.8	---	---	---	---	---	---
6	13.4	12.4	12.8	12.8	11.4	12.1	---	---	---	---	---	---
7	13.2	12.5	13.0	13.6	12.0	12.8	---	---	---	---	---	---
8	13.4	12.3	12.7	14.6	13.0	13.6	---	---	---	---	---	---
9	13.4	12.5	12.8	15.6	14.0	14.6	---	---	---	---	---	---
10	13.8	12.9	13.3	16.4	15.1	15.7	---	---	---	---	---	---
11	13.8	13.1	13.4	15.9	15.3	15.6	---	---	---	---	---	---
12	13.3	12.5	12.9	16.0	15.2	15.6	---	---	---	---	---	---
13	12.8	12.2	12.4	16.8	15.7	16.2	---	---	---	---	---	---
14	12.7	11.8	12.2	17.3	16.0	16.7	---	---	---	---	---	---
15	12.5	12.1	12.3	18.0	16.8	17.4	---	---	---	---	---	---
16	12.9	12.2	12.5	18.9	17.6	18.2	---	---	---	---	---	---
17	12.9	12.2	12.6	19.9	18.5	19.2	---	---	---	---	---	---
18	12.7	11.8	12.3	20.3	19.4	19.8	---	---	---	---	---	---
19	12.9	11.8	12.4	20.9	19.5	20.2	---	---	---	---	---	---
20	13.8	12.6	13.2	21.3	20.2	20.7	---	---	---	---	---	---
21	14.9	13.7	14.2	21.0	20.4	20.7	---	---	---	---	---	---
22	14.5	13.9	14.2	20.5	19.3	19.9	---	---	---	---	---	---
23	14.3	13.5	13.9	19.3	18.3	18.8	---	---	---	---	---	---
24	14.0	13.1	13.6	19.1	17.8	18.4	---	---	---	---	---	---
25	14.6	13.6	14.0	19.6	18.3	18.9	---	---	---	---	---	---
26	15.4	14.1	14.7	20.3	18.9	19.6	---	---	---	---	---	---
27	15.4	13.2	14.1	21.0	19.9	20.4	---	---	---	---	---	---
28	13.3	11.8	12.3	20.7	19.7	20.0	---	---	---	---	---	---
29	---	---	---	20.8	19.0	20.1	---	---	---	---	---	---
30	---	---	---	21.4	20.3	20.8	---	---	---	---	---	---
31	---	---	---	22.2	21.1	21.6	---	---	---	---	---	---
MONTH	18.7	11.8	13.7	22.2	10.9	17.1	22.8	20.7	21.8	---	---	---

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS STATE 45 COUNTY 053
LATITUDE 321014 LONGITUDE 0810706 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-13 15:02 By ceoberst
APPROVED
DD #4

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.8	25.5	26.2	28.9	27.5	28.1	30.6	29.8	30.2	26.8	26.0	26.4
2	27.9	26.3	27.1	29.1	27.9	28.5	30.5	29.4	29.9	26.9	25.9	26.3
3	28.7	27.5	28.1	29.3	28.2	28.8	30.1	28.9	29.5	27.3	26.0	26.5
4	29.1	28.2	28.6	29.9	28.5	29.1	30.0	28.5	29.1	27.6	26.2	26.7
5	29.3	28.4	28.8	30.4	29.1	29.7	30.0	28.5	29.1	28.1	26.6	27.2
6	29.5	28.5	28.9	30.4	29.6	29.9	30.5	29.0	29.6	28.1	27.0	27.5
7	29.3	28.3	28.8	29.8	29.1	29.6	30.0	29.2	29.6	27.8	26.7	27.3
8	28.5	27.5	28.1	29.2	28.2	28.7	29.5	27.8	28.6	27.8	26.1	27.1
9	27.9	26.5	27.1	29.4	28.0	28.7	28.8	26.5	27.7	27.8	26.1	27.0
10	27.8	25.8	26.7	29.8	28.4	29.0	28.5	25.8	27.2	27.8	25.6	26.7
11	27.9	26.0	26.9	29.6	28.5	29.0	28.4	25.8	27.1	27.6	25.6	26.7
12	28.4	26.4	27.3	29.1	27.4	28.2	28.3	25.7	27.0	27.8	26.2	27.0
13	28.7	27.1	27.9	28.7	26.8	27.7	27.9	25.9	26.7	27.4	26.4	26.9
14	29.1	27.7	28.3	28.6	26.9	27.8	27.8	26.0	26.8	27.2	26.0	26.6
15	28.7	27.6	28.2	29.2	27.7	28.6	28.2	26.6	27.4	26.9	26.4	26.6
16	28.5	27.0	27.8	30.1	28.6	29.3	29.0	27.5	28.2	27.4	26.4	26.9
17	28.2	26.9	27.6	30.6	29.1	29.8	29.4	28.3	28.9	28.1	27.0	27.5
18	27.9	26.4	27.2	31.1	29.7	30.3	30.0	28.8	29.4	28.0	27.4	27.7
19	27.6	26.0	26.8	31.4	29.9	30.6	30.2	29.1	29.6	27.6	27.1	27.4
20	27.3	26.0	26.6	31.6	30.4	30.9	30.0	29.1	29.5	27.3	26.7	27.0
21	26.3	25.0	25.7	31.2	30.1	30.5	30.1	29.0	29.4	27.2	26.2	26.7
22	25.4	24.0	24.6	30.5	29.5	29.9	30.1	29.1	29.6	27.2	26.2	26.7
23	25.4	23.8	24.5	29.8	28.1	28.9	30.3	29.2	29.7	27.3	26.4	26.8
24	26.1	24.4	25.2	28.2	26.6	27.3	30.3	29.2	29.8	26.8	26.0	26.3
25	26.3	25.5	25.9	28.6	26.7	27.6	30.2	29.6	29.9	26.2	25.4	25.7
26	26.3	25.4	26.0	29.1	27.9	28.5	29.8	28.7	29.2	26.0	25.1	25.6
27	27.0	25.6	26.3	29.5	28.5	29.0	29.0	28.1	28.4	26.7	25.8	26.2
28	27.8	26.5	27.2	30.1	28.8	29.5	28.4	27.6	27.9	27.0	26.3	26.7
29	27.6	26.9	27.4	30.5	29.3	30.0	28.1	27.5	27.8	26.8	26.4	26.6
30	28.6	27.1	27.6	30.8	29.6	30.3	27.8	26.6	27.2	27.0	26.0	26.5
31	---	---	---	31.3	29.8	30.5	27.0	26.1	26.6	---	---	---
MONTH	29.5	23.8	27.1	31.6	26.6	29.2	30.6	25.7	28.6	28.1	25.1	26.8
YEAR	31.6	6.2	20.7									

SAVANNAH RIVER BASIN
2002 Water Year

02198980 SAVANNAH RIVER AT FORT PULASKI, GA

LOCATION.—Lat 32°02'02", long 80°54'12" referenced to North American Datum (NAD) of 1927, Chatham County, Hydrologic Unit 03060109, at downstream side of the U.S. Coast Guard pier on Cockspur Island, 1.0 mile upstream from the mouth, 0.7 miles west of Fort Pulaski.

DRAINAGE AREA.—Undetermined.

COOPERATION.—Georgia Geologic Survey.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1987 to current year.

GAGE.—Water-stage recorder. Datum of gage is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929. Prior to October 1, 2001, gage datum was –3.02 feet below NGVD of 1929.

REMARKS.—Records good.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height, 7.16 feet, February 7, 1993; minimum gage-height recorded, –6.79 feet, March 13, 1993, but was lower during the day when the stage went below the recordable range of the gage. Extremes have been adjusted to NGVD of 1929.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 6.45 feet, August 7; minimum gage-height, –5.47 feet, February 28.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 27, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02198980 SAVANNAH RIVER AT FORT PULASKI, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320202 LONGITUDE 0805412 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM -3.02 NGVD29
Date Processed: 2003-03-11 12:18 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	4.84	-1.87	4.86	-2.71	4.87	-3.51	4.80	-4.40	4.67	-4.63	---	---
2	4.93	-2.12	4.75	-2.79	4.97	-3.45	5.45	-4.02	4.48	-4.42	5.10	-4.08
3	4.87	-2.15	4.64	-2.96	5.34	-2.84	5.34	-4.46	4.46	-3.06	4.06	-4.53
4	4.71	-2.32	4.85	-2.97	5.29	-2.97	4.35	-3.60	4.22	-3.79	4.04	-4.42
5	4.57	-2.59	5.19	-1.95	5.14	-2.93	4.29	-3.25	3.84	-2.96	3.48	-3.43
6	4.33	-2.62	5.10	-1.90	4.68	-2.87	4.23	-4.58	4.17	-2.28	3.56	-2.87
7	4.62	-2.25	4.61	-2.42	4.50	-2.89	2.82	-4.59	4.22	-3.93	3.60	-2.74
8	4.87	-1.62	4.55	-2.37	4.55	-2.71	3.27	-4.04	3.52	-3.53	3.62	-2.52
9	4.98	-0.90	4.47	-2.37	4.29	-3.09	3.56	-4.51	4.18	-3.20	3.71	-3.10
10	4.87	-1.46	4.79	-2.72	5.30	-2.93	3.29	-4.63	4.45	-3.07	3.57	-3.42
11	5.11	-2.03	4.75	-3.30	5.15	-3.40	3.63	-4.64	3.58	-3.69	4.07	-3.24
12	4.93	-2.43	5.46	-2.92	5.12	-3.37	4.13	-4.59	4.02	-3.50	4.26	-3.00
13	5.51	-2.62	6.03	-2.31	5.41	-3.56	3.61	-4.17	3.93	-3.54	4.11	-3.39
14	5.41	-3.34	5.96	-2.90	5.07	-3.53	4.01	-4.03	4.22	-3.06	3.70	-3.76
15	5.77	-3.47	6.11	-3.00	4.62	-3.75	3.55	-3.84	4.14	-2.89	3.76	-3.81
16	5.93	-3.38	5.95	-2.84	5.09	-2.95	3.63	-3.43	3.53	-3.17	---	---
17	5.90	-4.05	5.29	-3.00	4.62	-2.79	3.39	-3.63	2.99	-3.37	---	---
18	5.85	-3.21	4.93	-2.55	3.49	-3.56	2.76	-3.45	3.23	-2.54	---	---
19	5.74	-2.59	4.64	-2.44	4.01	-2.45	3.24	-2.74	3.32	-2.45	---	---
20	5.11	-2.67	4.23	-2.21	3.51	-2.41	2.87	-2.88	3.41	-2.38	---	---
21	4.93	-2.35	4.58	-0.86	3.47	-1.87	2.96	-2.58	3.21	-2.52	3.56	-2.18
22	4.62	-1.79	4.04	-1.51	3.73	-1.37	3.14	-2.21	3.42	-2.56	4.25	-2.09
23	4.41	-1.19	3.67	-1.41	3.47	-1.74	3.57	-2.44	3.83	-2.37	4.06	-2.18
24	4.13	-1.27	3.42	-1.86	3.11	-2.67	---	---	4.68	-3.44	4.23	-3.20
25	3.51	-2.18	3.54	-2.33	3.45	-2.45	---	---	5.05	-3.50	4.42	-3.79
26	3.18	-2.46	3.74	-3.15	4.18	-4.06	---	---	5.32	-4.06	4.73	-4.06
27	3.91	-1.89	3.95	-3.08	3.96	-3.72	4.89	-3.98	4.36	-5.37	4.98	-4.79
28	4.17	-2.09	4.32	-3.09	4.30	-3.67	4.85	-4.78	---	---	---	---
29	4.47	-2.32	4.60	-3.19	4.70	-3.85	4.73	-4.98	---	---	---	---
30	4.54	-2.49	4.79	-3.28	4.74	-4.46	4.76	-5.12	---	---	---	---
31	4.65	-2.67	---	---	4.88	-4.03	4.83	-4.94	---	---	5.43	-3.81
MONTH	5.93	-4.05	6.11	-3.30	5.41	-4.46	---	---	---	---	---	---

STATION NUMBER 02198980 SAVANNAH RIVER AT FORT PULASKI, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320202 LONGITUDE 0805412 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM -3.02 NGVD29
Date Processed: 2003-03-11 12:18 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5.19	-3.63	---	---	4.21	-2.24	3.38	-2.57	4.07	-1.67	4.25	-1.17
2	5.19	-2.89	---	---	3.88	-2.27	3.46	-2.40	4.62	-1.56	4.85	-1.20
3	4.74	-2.58	---	---	3.86	-1.99	3.28	-2.31	4.77	-1.31	5.29	-1.41
4	3.69	-2.08	3.42	-2.43	4.18	-1.36	3.67	-2.52	4.73	-1.68	5.23	-2.27
5	4.29	-1.15	3.93	-1.91	4.13	-1.83	3.85	-2.53	5.09	-2.04	5.28	-3.48
6	4.21	-1.57	3.95	-2.01	4.06	-2.37	4.55	-2.24	5.65	-2.07	5.80	-3.66
7	4.23	-1.76	3.51	-2.60	4.33	-2.57	5.03	-2.16	6.45	-1.51	5.93	-3.14
8	4.02	-2.46	3.34	-3.14	5.16	-1.33	4.56	-2.95	6.41	-2.30	5.77	-3.49
9	3.60	-3.19	3.77	-3.30	5.41	-1.75	4.58	-3.48	6.36	-2.71	5.51	-3.31
10	3.77	-3.27	3.81	-3.39	5.34	-2.20	4.82	-4.17	5.89	-3.22	5.50	-3.04
11	4.29	-2.89	4.47	-3.38	5.28	-3.22	4.73	-4.46	5.44	-3.32	5.07	-3.09
12	4.28	-2.87	4.36	-3.31	5.15	-2.93	5.61	-3.38	5.03	-3.15	5.23	-2.85
13	4.46	-3.21	4.23	-3.63	5.08	-2.93	5.19	-3.07	4.73	-3.21	4.79	-2.31
14	4.34	-3.24	4.46	-4.27	5.02	-2.88	4.62	-3.65	4.59	-2.95	4.26	-2.17
15	4.18	-3.30	4.35	-3.20	5.07	-2.87	4.39	-3.93	4.40	-2.96	3.95	-2.34
16	4.23	-2.98	4.11	-2.99	4.85	-2.53	4.25	-3.37	4.17	-2.83	3.71	-2.82
17	4.04	-2.74	3.90	-3.05	5.04	-2.56	4.32	-3.11	4.13	-3.14	4.18	-2.66
18	3.92	-2.73	4.16	-3.21	4.75	-2.67	4.69	-2.97	4.10	-3.28	4.51	-2.44
19	3.92	-2.55	4.42	-1.56	4.90	-2.75	4.57	-3.26	4.57	-3.31	4.82	-2.26
20	3.72	-2.62	4.86	-1.90	5.20	-2.87	4.80	-3.51	4.39	-2.90	4.75	-2.10
21	4.04	-2.44	4.75	-2.48	5.61	-2.65	4.94	-3.50	4.51	-3.07	4.79	-2.30
22	---	---	5.42	-1.89	5.49	-2.85	5.04	-3.25	4.56	-2.97	4.87	-2.05
23	---	---	5.66	-2.85	5.28	-3.62	4.52	-3.40	4.22	-2.85	4.53	-2.16
24	---	---	5.39	-3.83	5.13	-3.66	4.42	-3.60	4.12	-3.31	4.57	-2.36
25	---	---	5.42	-4.17	4.83	-3.71	4.45	-3.70	4.33	-2.90	4.88	-1.34
26	---	---	5.53	-3.96	4.37	-3.56	4.04	-3.46	4.02	-2.46	4.63	-1.48
27	---	---	5.44	-3.68	3.95	-3.59	3.74	-3.06	3.92	-2.44	3.96	-1.44
28	---	---	5.83	-3.07	3.38	-3.70	3.26	-3.18	3.77	-2.20	4.20	-1.68
29	---	---	5.46	-2.25	3.32	-3.36	3.19	-3.21	3.67	-2.08	4.41	-1.28
30	---	---	4.93	-2.17	3.30	-3.10	3.18	-3.09	3.86	-1.82	4.86	-0.67
31	---	---	4.67	-2.20	---	---	3.49	-2.87	4.17	-1.62	---	---
MONTH	---	---	---	---	5.61	-3.71	5.61	-4.46	6.45	-3.32	5.93	-3.66

STATION NUMBER 02198980 SAVANNAH RIVER AT FORT PULASKI, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 051
LATITUDE 320202 LONGITUDE 0805412 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM -3.02 NGVD29
Date Processed: 2003-03-11 11:11 By bemccall
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.57
2	---	---	---	---	0.00	1.31	0.00	0.00	0.00	0.00	0.02	0.33
3	---	---	---	---	0.00	1.30	0.00	0.01	0.00	0.00	0.00	0.01
4	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00
5	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	0.09	0.00	0.00	0.00	0.00	0.12	0.08	0.06
7	---	---	---	---	1.05	0.00	0.00	0.00	0.58	0.00	0.00	0.00
8	---	---	---	---	0.00	0.00	0.00	0.00	0.08	0.07	0.04	0.00
9	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
10	---	---	---	---	0.29	0.00	0.12	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	0.00	0.00	0.04	0.00	0.00	0.22	0.00	0.00
12	---	---	---	---	0.00	0.36	0.00	0.00	0.00	0.03	0.00	0.00
13	---	---	---	---	0.00	0.01	0.00	0.14	0.00	0.45	0.94	1.33
14	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62
15	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
16	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	0.00	0.00	0.00	0.00	0.16	0.00	0.09	0.00
18	---	---	---	---	0.00	0.00	0.00	1.18	0.17	0.00	2.10	0.08
19	---	---	---	---	0.00	0.00	0.00	0.31	0.01	0.00	0.00	0.02
20	---	---	---	---	0.02	0.00	0.00	0.00	0.36	0.00	0.00	0.04
21	---	---	---	---	0.03	0.73	0.00	0.00	2.09	0.00	0.00	0.00
22	---	---	---	---	0.00	0.00	0.00	0.00	2.37	0.00	0.00	0.00
23	---	---	---	---	0.09	0.00	0.00	0.00	0.09	0.00	0.00	0.00
24	---	---	---	---	0.00	0.00	0.00	0.00	1.77	0.07	0.00	0.65
25	---	---	---	---	0.00	0.00	0.00	0.00	1.71	0.00	1.79	0.51
26	---	---	---	---	0.00	0.21	0.00	0.00	0.13	0.16	0.16	0.93
27	---	---	---	0.00	0.00	0.00	0.01	0.00	0.00	0.07	2.26	0.71
28	---	---	---	0.00	0.00	---	0.00	0.00	0.01	0.00	0.42	0.00
29	---	---	---	0.01	---	---	0.00	0.00	0.00	0.00	0.26	0.60
30	---	---	---	0.01	---	---	0.00	0.00	0.00	0.00	2.26	0.00
31	---	---	---	0.01	---	0.03	---	0.00	---	0.00	0.61	---
TOTAL	---	---	---	---	1.58	---	0.17	1.64	9.53	1.31	11.29	6.57

OGEECHEE RIVER BASIN
2002 Water Year

02200000 OGEECHEE RIVER AT GA 16, AT JEWELL, GA

LOCATION.—Lat 33°17'48", long 82°46'40", Hancock-Warren County line, Hydrologic Unit 03060201, at GA 16, at Jewell.

DRAINAGE AREA.—242 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1888, 1928-29, 1944, 1961, 1971**,** 1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 331.28 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 34.12 feet, December 1888 (day unknown)
DISCHARGE: 27,000 ft^3/s, December 1888 (day unknown)

MAXIMUM FOR CURRENT YEAR.—

STAGE: 9.15 feet, February 8
DISCHARGE: 1,660 ft^3/s, February 8

OGEECHEE RIVER BASIN
2002 Water Year

02200400 ROCKY COMFORT CREEK AT GA 88, NEAR GRANGE, GA

LOCATION.—Lat 33°06'09", long 82°34'02" referenced to North American Datum (NAD) of 1927, Jefferson County, Hydrologic Unit 03060201, at culvert on GA 88, 1.5 miles northeast of Grange.

DRAINAGE AREA.—188 mi².

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1979 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 250.10 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--
STAGE: 16.00 feet, March 10, 1998
DISCHARGE: 5,250 ft³/s, March 10, 1998

MAXIMUM FOR CURRENT YEAR.--
STAGE: 8.87 feet, March 3
DISCHARGE: 564 ft³/s, March 3

OGEECHEE RIVER BASIN
2002 Water Year

02200930 SPRING CREEK NEAR LOUISVILLE, GA
(Published previous to 1987 as Ogeechee River tributary near Louisville, GA)

LOCATION.—Lat 32°55'22", long 82°18'49", Jefferson County, Hydrologic Unit 03060201, at culvert on GA 17, 8.5 miles southeast of Louisville.

DRAINAGE AREA.—14.2 mi².

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1965 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 210.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--

STAGE: 10.38 feet, October 12, 1990
DISCHARGE: 2,200 ft³/s, October 12, 1990

MAXIMUM FOR CURRENT YEAR.--

STAGE: <1.58 feet, Not determined, peak below bottom of gage
DISCHARGE: 23.3 ft³/s, Not determined, peak below bottom of gage

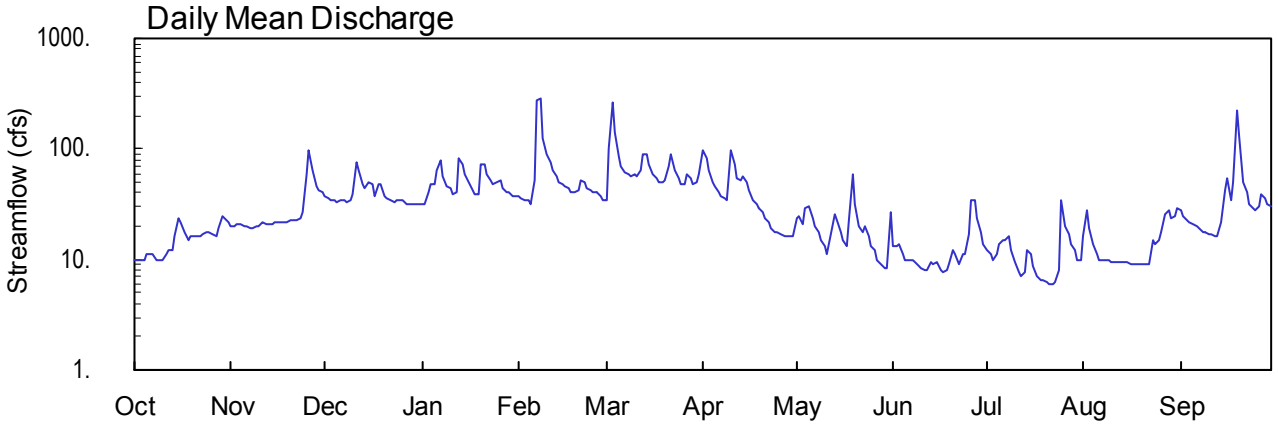
OGEECHEE RIVER BASIN

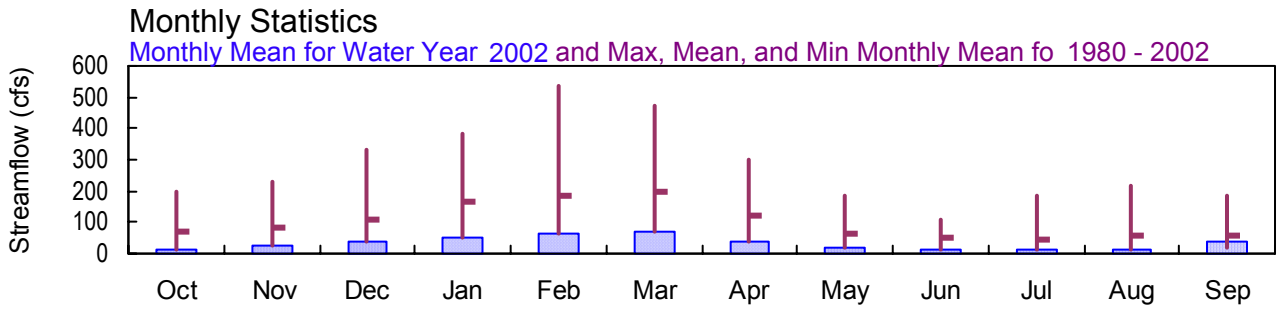
2002 Water Year

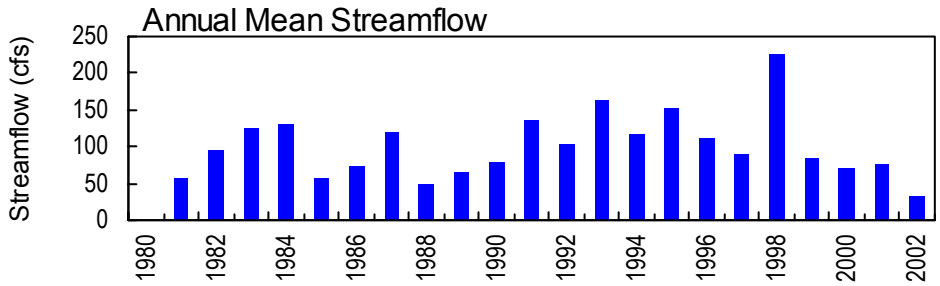
02201000 WILLIAMSON SWAMP CREEK AT DAVISBORO, GA

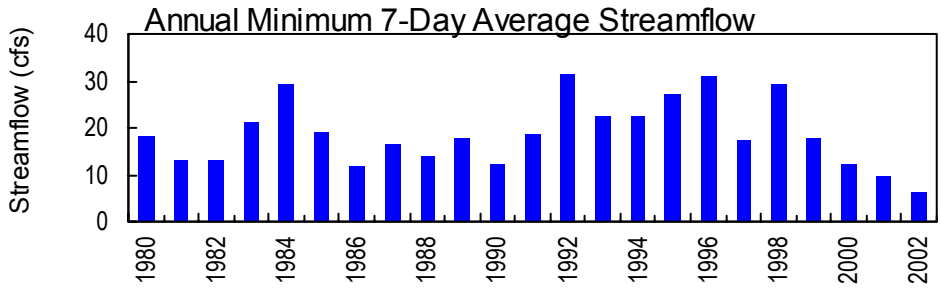
Latitude: 32°58'32" Longitude: 82°36'36" Hydrologic Unit Code: 03060201 Washington County

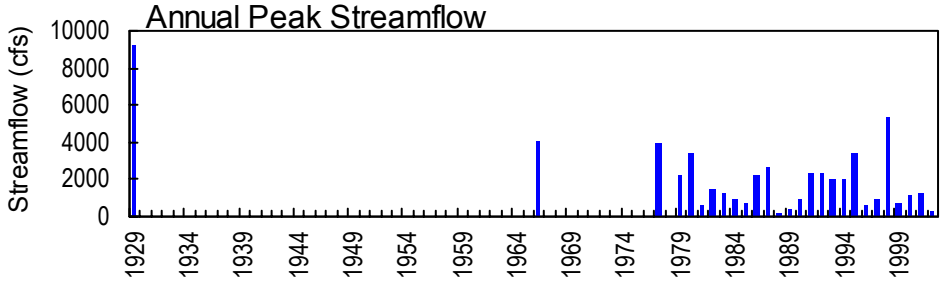
Drainage Area: 109. mi^2 Datum: 270.00 feet











02201000 Williamson Swamp Creek at Davisboro, GA
May 11, 1983

OGEECHEE RIVER BASIN
2002 Water Year

02201000 WILLIAMSON SWAMP CREEK AT DAVISBORO, GA

LOCATION.—Lat 32°58'32", long 82°36'36" referenced to North American Datum (NAD) of 1927, Washington County, Hydrologic Unit 03060201, on downstream side of bridge on GA 231 at Davisboro, 1.2 miles downstream from Central of Georgia Railroad bridge, and 1.9 miles downstream from Sun Hill Creek.

DRAINAGE AREA.—109 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July to December 1903, water years 1979-80 (annual maximum), May 1980 to current year. Monthly discharges only for July to December 1903, published in WSP 1304.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 263.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from information obtained from Georgia Department of Transportation). From August 16, 1978 to May 8, 1980, a crest-stage gage located at same site and datum.

REMARKS.—Records good, except for periods of estimated discharge, which are fair. Periods of monthly discharges only are not included in statistics computations.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 650 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 8	0100	374*	6.33*

WATER-STAGE RECORDS

PERIOD OF RECORD.—July to December 1903, water years 1979-80 (annual maximum), May 1980 to current year. Monthly discharges only for July to December 1903, published in WSP 1304.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 263.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from information obtained from Georgia Department of Transportation). From August 16, 1978 to May 8, 1980, a crest-stage gage located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.33 feet, February 8; minimum gage-height recorded 2.07 feet, August 20-22.

STATION NUMBER 02201000 WILLIAMSON SWAMP CREEK AT DAVISBORO, GA SOURCE AGENCY USGS STATE 13 COUNTY 303
LATITUDE 325832 LONGITUDE 0823636 NAD27 DRAINAGE AREA 109.00* CONTRIBUTING DRAINAGE AREA DATUM 270.00 NGVD29
Date Processed: 2003-03-10 10:30 By acday
APPROVED
DD #1, DCP (ALL HIST DVS)
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	20	38	31	37	34	96	24	13	12	16	28
2	9.9	20	36	32	36	100	83	25	13	11	28	25
3	9.7	21	35	41	34	263	64	21	14	10	19	23
4	10	21	34	48	34	140	51	29	11	11	14	22
5	11	20	33	47	32	87	46	30	10	14	11	21
6	11	20	34	63	53	70	41	24	9.9	15	e10	20
7	11	19	34	80	274	62	37	20	10	15	e9.8	19
8	10	19	33	56	285	59	36	18	9.6	16	e9.8	18
9	9.9	20	34	46	127	56	34	15	8.7	12	e9.7	18
10	10	20	39	44	90	59	99	13	8.5	9.4	e9.6	17
11	11	22	75	39	75	57	72	11	7.9	7.7	e9.5	17
12	12	21	65	40	65	65	54	17	7.9	7.0	e9.5	16
13	12	21	48	81	56	88	53	26	9.6	7.8	e9.4	16
14	16	21	45	72	51	88	57	23	9.0	12	e9.4	22
15	24	22	50	58	48	74	49	18	9.4	11	e9.3	43
16	22	22	47	50	46	60	42	15	8.1	8.6	e9.2	54
17	18	22	38	43	44	55	35	13	7.7	7.0	e9.2	35
18	15	22	48	39	41	50	31	23	8.0	6.4	e9.1	50
19	16	22	47	39	40	51	29	60	9.0	e6.4	e9.1	224
20	16	23	38	72	42	52	27	32	12	e6.2	e9.0	132
21	16	23	36	73	52	69	24	20	11	e6.0	e9.0	51
22	16	23	34	59	50	91	22	18	9.1	e6.0	e9.0	40
23	17	24	33	53	45	64	19	20	11	e6.2	15	32
24	18	27	34	48	42	54	18	16	11	e8.0	14	29
25	18	58	35	50	40	48	18	13	17	34	15	28
26	17	97	34	53	40	48	17	12	35	20	18	30
27	16	63	32	45	38	60	16	9.8	35	17	26	39
28	19	46	31	41	34	55	16	9.2	24	14	28	36
29	25	43	31	40	---	48	16	8.5	18	12	24	32
30	24	40	31	38	---	51	16	8.3	14	10	25	30
31	22	---	32	37	---	59	---	27	---	10	29	---
TOTAL	472.5	862	1214	1558	1851	2217	1218	618.8	381.4	348.7	441.6	1167
MEAN	15.2	28.7	39.2	50.3	66.1	71.5	40.6	20.0	12.7	11.2	14.2	38.9
MAX	25	97	75	81	285	263	99	60	35	34	29	224
MIN	9.7	19	31	31	32	34	16	8.3	7.7	6.0	9.0	16
CFSM	0.14	0.26	0.36	0.46	0.61	0.66	0.37	0.18	0.12	0.10	0.13	0.36
IN.	0.16	0.29	0.41	0.53	0.63	0.76	0.42	0.21	0.13	0.12	0.15	0.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

MEAN	68.1	84.2	110	169	187	195	123	66.7	50.7	47.8	55.0	55.1
MAX	195	229	330	386	533	475	297	184	109	187	215	184
(WY)	1995	1993	1998	1987	1998	1998	1998	1998	1995	1994	1992	1998
MIN	15.2	28.7	39.2	50.3	66.1	67.8	40.6	20.0	12.7	11.2	14.2	16.8
(WY)	2002	2002	2002	2002	2002	1985	2002	2002	2002	2002	2002	1981

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1980 - 2002	
ANNUAL TOTAL	25283.5		12350.0			
ANNUAL MEAN	69.3		33.8		101	
HIGHEST ANNUAL MEAN					225	1998
LOWEST ANNUAL MEAN					33.8	2002
HIGHEST DAILY MEAN	975	Mar 5	285	Feb 8	4300	Mar 9 1998
LOWEST DAILY MEAN	9.4	Sep 22	6.0	Jul 21	6.0	Jul 21 2002
ANNUAL SEVEN-DAY MINIMUM	9.7	Sep 17	6.3	Jul 17	6.3	Jul 17 2002
MAXIMUM PEAK FLOW			374	Feb 8	5430	Mar 9 1998
MAXIMUM PEAK STAGE			6.33	Feb 8	12.38	Mar 9 1998
INSTANTANEOUS LOW FLOW			5.6	Aug 20	5.6	Aug 20 2002
ANNUAL RUNOFF (CFSM)	0.64		0.31		0.93	
ANNUAL RUNOFF (INCHES)	8.63		4.21		12.57	
10 PERCENT EXCEEDS	134		61		210	
50 PERCENT EXCEEDS	38		24		61	
90 PERCENT EXCEEDS	15		9.4		22	

e Estimated

STATION NUMBER 02201000 WILLIAMSON SWAMP CREEK AT DAVISBORO, GA SOURCE AGENCY USGS STATE 13 COUNTY 303
LATITUDE 325832 LONGITUDE 0823636 NAD27 DRAINAGE AREA 109.00* CONTRIBUTING DRAINAGE AREA DATUM 270.00 NGVD29
Date Processed: 2003-03-14 15:47 By bemccall
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.46	2.79	2.96	2.80	2.95	2.88	3.99	2.79	2.54	2.50	2.47	2.74
2	2.45	2.78	2.92	2.82	2.92	3.88	3.78	2.80	2.53	2.45	2.80	2.67
3	2.44	2.80	2.89	3.03	2.87	5.69	3.43	2.72	2.54	2.43	2.57	2.61
4	2.46	2.80	2.87	3.17	2.87	4.52	3.19	2.93	2.47	2.46	2.40	2.57
5	2.48	2.77	2.86	3.16	2.84	3.84	3.09	2.97	2.44	2.56	2.31	2.54
6	2.48	2.77	2.87	3.45	3.23	3.55	2.97	2.81	2.42	2.58	2.27	2.51
7	2.48	2.75	2.87	3.74	5.69	3.39	2.89	2.71	2.44	2.59	2.26	2.49
8	2.47	2.76	2.86	3.33	5.77	3.34	2.85	2.66	2.41	2.61	---	2.46
9	2.45	2.77	2.87	3.13	4.39	3.27	2.83	2.59	2.37	2.48	---	2.45
10	2.46	2.79	2.99	3.08	3.90	3.34	4.01	2.52	2.36	2.40	---	2.44
11	2.48	2.84	3.66	2.99	3.66	3.31	3.62	2.48	2.33	2.33	---	2.43
12	2.50	2.82	3.49	3.02	3.49	3.45	3.31	2.64	2.33	2.29	---	2.41
13	2.53	2.80	3.17	3.76	3.32	3.85	3.28	2.92	2.41	2.33	---	2.41
14	2.65	2.81	3.11	3.62	3.22	3.86	3.36	2.82	2.38	2.49	---	2.56
15	2.88	2.82	3.19	3.36	3.17	3.62	3.23	2.69	2.40	2.44	---	3.06
16	2.83	2.83	3.14	3.22	3.14	3.36	3.08	2.59	2.34	2.36	---	3.28
17	2.71	2.84	2.96	3.07	3.09	3.25	2.95	2.53	2.32	2.29	---	2.90
18	2.64	2.84	3.16	2.99	3.03	3.16	2.86	2.78	2.34	2.27	---	3.15
19	2.66	2.84	3.16	2.99	3.00	3.18	2.82	3.50	2.38	---	---	5.38
20	2.67	2.85	2.98	3.61	3.04	3.20	2.79	3.02	2.50	---	---	4.39
21	2.67	2.85	2.90	3.62	3.25	3.51	2.72	2.75	2.45	---	2.08	3.23
22	2.67	2.86	2.87	3.39	3.20	3.92	2.65	2.68	2.39	---	2.20	3.00
23	2.69	2.88	2.85	3.27	3.11	3.44	2.60	2.74	2.45	---	2.38	2.83
24	2.71	2.96	2.87	3.17	3.05	3.23	2.57	2.62	2.47	---	2.35	2.76
25	2.73	3.43	2.89	3.21	3.02	3.13	2.56	2.53	2.61	2.93	2.38	2.74
26	2.70	4.00	2.87	3.27	3.01	3.12	2.54	2.47	3.09	2.59	2.46	2.78
27	2.67	3.45	2.82	3.10	2.96	3.37	2.52	2.42	3.10	2.50	2.67	2.98
28	2.75	3.13	2.81	3.04	2.88	3.26	2.53	2.39	2.86	2.42	2.73	2.92
29	2.91	3.07	2.81	3.00	---	3.12	2.54	2.36	2.69	2.34	2.63	2.82
30	2.88	3.01	2.82	2.97	---	3.18	2.55	2.35	2.56	2.29	2.64	2.77
31	2.82	---	2.83	2.95	---	3.34	---	2.90	---	2.27	2.75	---
MEAN	2.63	2.92	2.98	3.20	3.36	3.50	3.00	2.70	2.50	---	---	2.88
MAX	2.91	4.00	3.66	3.76	5.77	5.69	4.01	3.50	3.10	---	---	5.38
MIN	2.44	2.75	2.81	2.80	2.84	2.88	2.52	2.35	2.32	---	---	2.41

OGEECHEE RIVER BASIN
2002 Water Year

02202000 OGEECHEE RIVER AT SCARBORO, GA

LOCATION.—Lat 32°42'38", long 81°52'46" referenced to North American Datum (NAD) of 1927, Jenkins County, Hydrologic Unit 03060202, at abandoned highway bridge at Scarboro, 7.5 miles southeast of Millen.

DRAINAGE AREA.—1,940 mi².

COOPERATION.—National Weather Service; Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1925, 1928 to 1930, 1936 to 1971 (operated as a continuous streamflow station), 1972 to current year (operated as a continuous stage station).

GAGE.—Crest-stage continuous-record gage. Datum of gage is 118.81 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--

STAGE: 17.00 feet, October 1929 (day unknown)
DISCHARGE: 75,000 ft³/s, October 1929 (day unknown)

MAXIMUM FOR CURRENT YEAR.--

STAGE: 5.46 feet, March 13
DISCHARGE: 1,320 ft³/s, March 13

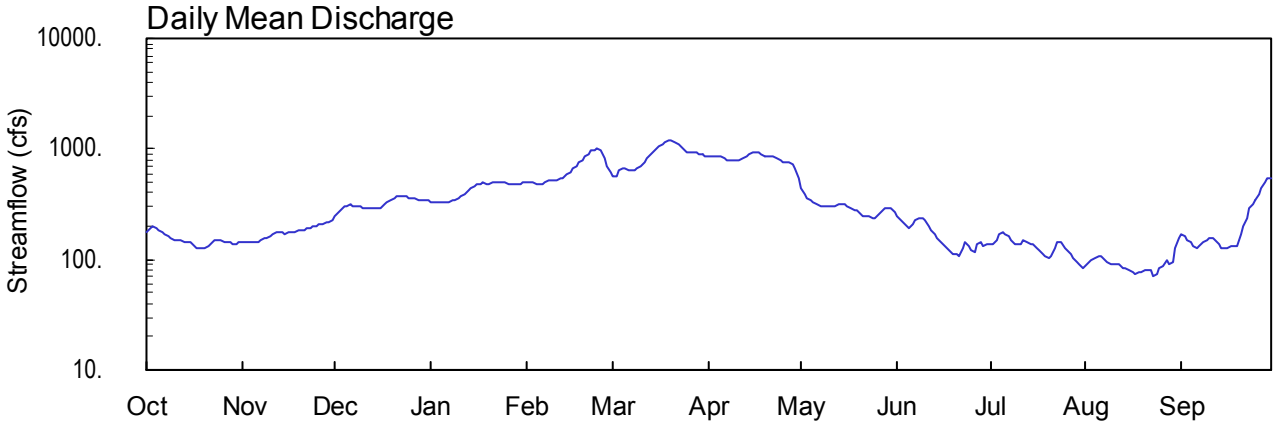
OGEECHEE RIVER BASIN

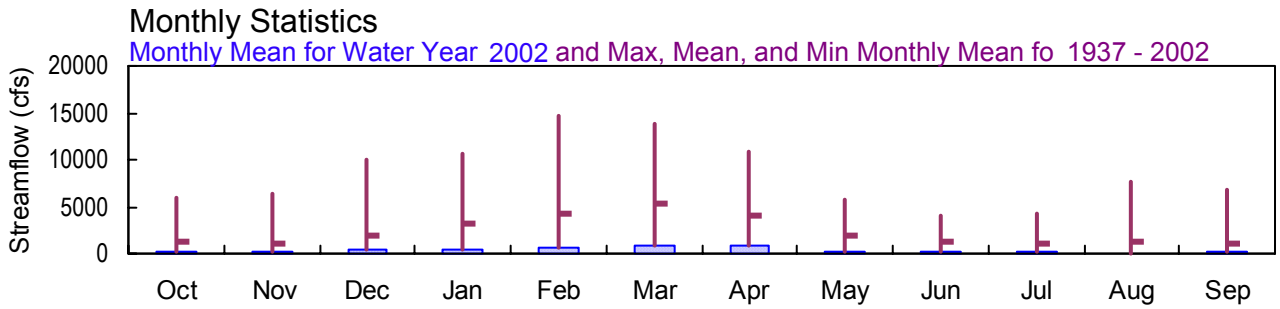
2002 Water Year

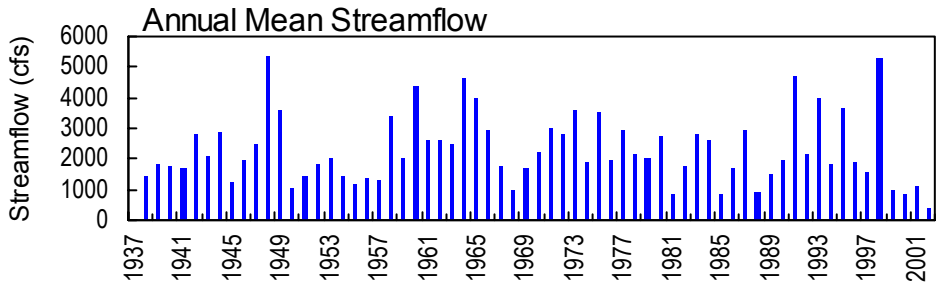
02202500 OGEECHEE RIVER NEAR EDEN, GA

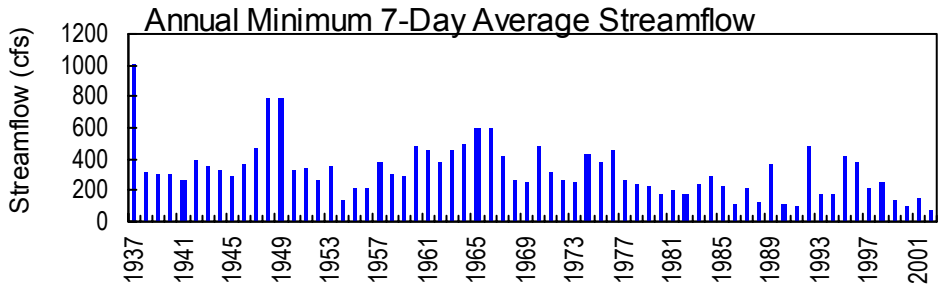
Latitude: 32°11'29" Longitude: 81°24'58" Hydrologic Unit Code: 03060202 Effingham County

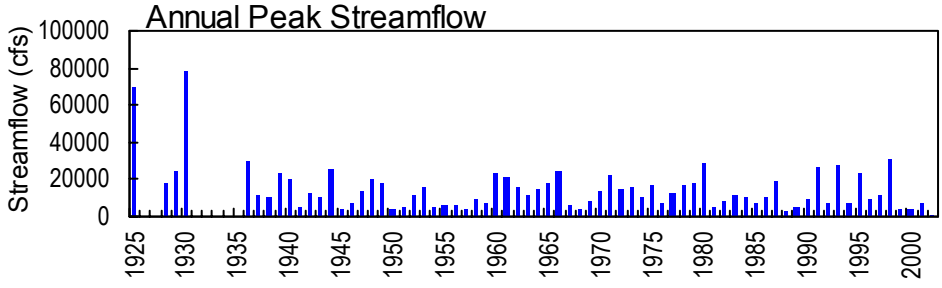
Drainage Area: 2,650. mi^2 Datum: 19.64 feet











OGEECHEE RIVER BASIN
2002 Water Year

02202500 OGEECHEE RIVER NEAR EDEN, GA

LOCATION.—Lat 32°11'29", long 81°24'58" referenced to North American Datum (NAD) of 1927, Effingham-Bryan County line, Hydrologic Unit 03060202, on right bank 600 feet downstream from bridge on US 80, 2.0 miles west of Eden, 2.0 miles upstream from Seaboard Coast Line Railroad bridge, and 3.0 miles upstream from Black Creek.

DRAINAGE AREA.—2,650 mi^2, approximately.

COOPERATION.—USGS National Streamflow Information Program (NSIP).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1937 to current year.

GAGE.—Water-stage recorder. Datum of gage is 17.64 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to October 1, 2001, datum of gage was 19.64 feet above NGVD. Prior to October 1, 1939, a non-recording gage was located at site 600.00 feet upstream at same datum.

REMARKS.—Records good, except those for the period of estimated daily discharge, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1840, 20 feet in October 1929, from data furnished by Central of Georgia Railway Co. Flood of January 1925, reached a stage of 19.5 feet, from information as explained above. Flood of April 1936, reached a stage of 15.2 feet, from information as explained above, discharge, 30,000 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 4,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 19	2115	1,200*	5.77*

02202500 OGEECHEE RIVER NEAR EDEN, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1937 to current year.

GAGE.—Water-stage recorder. Datum of gage is 17.64 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to October 1, 2001, datum of gage was 19.64 feet above NGVD. Prior to October 1, 1939, a non-recording gage was located at site 600.00 feet upstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.77 feet, March 19; minimum gage-height recorded, 1.69 feet, August 23.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 12, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02202500 OGEECHEE RIVER NEAR EDEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321129 LONGITUDE 0812458 NAD27 DRAINAGE AREA 2650.00 CONTRIBUTING DRAINAGE AREA 2650* DATUM 19.64 NGVD29
Date Processed: 2003-03-10 10:32 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	177	144	244	331	500	574	869	450	244	137	86	169
2	193	144	265	331	501	573	854	394	230	137	95	160
3	196	143	284	332	494	630	857	360	214	147	99	151
4	193	142	298	331	485	664	862	339	202	172	103	142
5	185	142	308	329	477	667	853	323	194	180	108	132
6	177	143	311	330	470	650	827	310	207	167	108	128
7	171	148	307	333	493	634	798	304	231	162	100	133
8	164	154	303	340	516	635	780	302	241	147	93	141
9	155	159	300	349	525	657	779	300	237	138	89	147
10	152	164	294	359	518	699	790	304	223	135	90	153
11	152	171	291	374	520	752	799	308	202	139	92	155
12	148	175	292	391	532	814	816	309	182	149	89	148
13	144	176	294	420	553	885	846	311	167	145	85	136
14	141	175	291	447	584	942	887	316	154	136	84	126
15	141	172	290	468	623	996	921	318	145	137	81	125
16	135	173	297	481	667	1050	946	309	135	129	78	128
17	129	178	311	488	710	1100	939	294	124	122	75	134
18	127	180	332	490	754	1140	897	283	119	114	76	131
19	127	184	349	488	804	1180	860	276	113	107	77	133
20	129	187	361	484	862	1190	859	262	111	102	79	167
21	133	187	370	491	913	1160	862	251	108	107	79	199
22	138	189	375	496	955	1100	854	247	128	129	80	240
23	148	195	374	501	990	1040	824	242	145	146	71	290
24	152	199	367	498	1000	989	787	237	132	144	73	316
25	151	202	363	492	959	950	762	241	119	127	82	345
26	146	205	358	482	834	928	756	255	115	122	86	392
27	144	210	354	474	692	925	760	271	138	112	98	441
28	141	215	349	471	613	915	741	287	142	101	91	509
29	140	219	346	477	---	897	659	294	134	94	94	549
30	140	228	343	485	---	878	540	285	135	89	128	537
31	142	---	338	493	---	874	---	263	---	85	157	---
TOTAL	4711	5303	9959	13256	18544	27088	24584	9245	4971	4058	2826	6657
MEAN	152	177	321	428	662	874	819	298	166	131	91.2	222
MAX	196	228	375	501	1000	1190	946	450	244	180	157	549
MIN	127	142	244	329	470	573	540	237	108	85	71	125
CFSM	0.06	0.07	0.12	0.16	0.25	0.33	0.31	0.11	0.06	0.05	0.03	0.08
IN.	0.07	0.07	0.14	0.19	0.26	0.38	0.35	0.13	0.07	0.06	0.04	0.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	1184	1053	1920	3102	4340	5259	4140	1959	1310	1134	1245	1083
MAX	5985	6387	10010	10550	14690	13880	10820	5814	4141	4240	7579	6812
(WY)	1965	1948	1949	1993	1998	1998	1948	1964	1973	1941	1991	1964
MIN	152	177	321	428	662	874	819	294	129	131	91.2	138
(WY)	2002	2002	2002	2002	2002	2002	2002	2000	2000	2002	2002	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	381471		131202			
ANNUAL MEAN	1045		359		2294	
HIGHEST ANNUAL MEAN					5370	1948
LOWEST ANNUAL MEAN					359	2002
HIGHEST DAILY MEAN	7200	Mar 28	1190	Mar 20	30700	Mar 15 1998
LOWEST DAILY MEAN	127	Oct 18	71	Aug 23	71	Aug 23 2002
ANNUAL SEVEN-DAY MINIMUM	131	Oct 16	76	Aug 18	76	Aug 18 2002
MAXIMUM PEAK FLOW			1200	Mar 19	30900	Mar 15 1998
MAXIMUM PEAK STAGE			5.77	Mar 19	15.15	Mar 15 1998
INSTANTANEOUS LOW FLOW					96	Oct 6 1990
ANNUAL RUNOFF (CFSM)	0.39		0.14		0.87	
ANNUAL RUNOFF (INCHES)	5.35		1.84		11.76	
10 PERCENT EXCEEDS	2810		855		5570	
50 PERCENT EXCEEDS	380		262		1270	
90 PERCENT EXCEEDS	154		108		362	

STATION NUMBER 02202500 OGEECHEE RIVER NEAR EDEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321129 LONGITUDE 0812458 NAD27 DRAINAGE AREA 2650.00 CONTRIBUTING DRAINAGE AREA 2650* DATUM 19.64 NGVD29
Date Processed: 2003-03-10 10:32 By acday
APPROVED
DD #6, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.04	1.90	2.17	2.42	3.03	3.31	4.41	2.85	2.22	1.92	1.75	2.07
2	2.10	1.90	2.24	2.42	3.03	3.31	4.36	2.64	2.18	1.92	1.79	2.04
3	2.11	1.90	2.30	2.42	3.01	3.53	4.37	2.53	2.12	1.96	1.81	2.02
4	2.10	1.90	2.35	2.42	2.97	3.67	4.39	2.46	2.09	2.04	1.83	1.99
5	2.07	1.90	2.38	2.41	2.94	3.67	4.36	2.41	2.06	2.07	1.85	1.96
6	2.05	1.89	2.39	2.41	2.91	3.61	4.27	2.37	2.11	2.02	1.85	1.94
7	2.02	1.91	2.37	2.42	3.00	3.55	4.17	2.35	2.19	2.00	1.82	1.96
8	2.00	1.93	2.36	2.45	3.09	3.55	4.10	2.35	2.24	1.95	1.79	1.99
9	1.97	1.94	2.34	2.47	3.12	3.63	4.10	2.35	2.22	1.94	1.77	2.00
10	1.96	1.96	2.32	2.51	3.10	3.79	4.14	2.36	2.17	1.93	1.78	2.02
11	1.96	1.97	2.31	2.56	3.10	4.00	4.17	2.38	2.11	1.94	1.79	2.03
12	1.95	1.98	2.30	2.61	3.15	4.22	4.23	2.39	2.04	1.97	1.78	2.01
13	1.93	1.98	2.31	2.72	3.23	4.48	4.33	2.40	2.00	1.96	1.76	1.97
14	1.92	1.98	2.30	2.83	3.35	4.73	4.48	2.42	1.96	1.93	1.76	1.94
15	1.92	1.97	2.29	2.91	3.50	4.97	4.63	2.43	1.93	1.93	1.74	1.93
16	1.91	1.98	2.31	2.95	3.67	5.19	4.74	2.40	1.90	1.91	1.73	1.94
17	1.89	1.98	2.36	2.98	3.84	5.39	4.72	2.35	1.87	1.88	1.72	1.96
18	1.88	1.99	2.43	2.99	4.00	5.57	4.52	2.31	1.85	1.86	1.73	1.95
19	1.88	2.00	2.48	2.98	4.19	5.72	4.38	2.29	1.83	1.83	1.73	1.96
20	1.89	2.01	2.52	2.97	4.39	5.74	4.38	2.25	1.83	1.81	1.74	2.04
21	1.89	2.01	2.54	3.00	4.59	5.64	4.39	2.22	1.81	1.83	1.74	2.12
22	1.91	2.01	2.56	3.02	4.78	5.39	4.36	2.20	1.88	1.92	1.75	2.23
23	1.94	2.02	2.55	3.03	4.94	5.14	4.26	2.19	1.94	1.97	1.70	2.38
24	1.95	2.03	2.54	3.02	4.99	4.93	4.12	2.17	1.90	1.96	1.71	2.45
25	1.95	2.04	2.52	3.00	4.80	4.76	4.03	2.19	1.86	1.91	1.75	2.53
26	1.93	2.05	2.51	2.96	4.29	4.67	4.01	2.24	1.85	1.89	1.77	2.67
27	1.91	2.06	2.49	2.93	3.77	4.65	4.03	2.30	1.93	1.86	1.82	2.85
28	1.90	2.08	2.47	2.92	3.46	4.61	3.96	2.37	1.94	1.81	1.80	3.09
29	1.90	2.09	2.46	2.94	---	4.52	3.65	2.40	1.91	1.79	1.81	3.21
30	1.90	2.12	2.45	2.97	---	4.44	3.19	2.36	1.92	1.77	1.94	3.16
31	1.91	---	2.44	3.00	---	4.43	---	2.29	---	1.75	2.04	---
MEAN	1.96	1.98	2.40	2.76	3.65	4.48	4.24	2.36	2.00	1.91	1.79	2.21
MAX	2.11	2.12	2.56	3.03	4.99	5.74	4.74	2.85	2.24	2.07	2.04	3.21
MIN	1.88	1.89	2.17	2.41	2.91	3.31	3.19	2.17	1.81	1.75	1.70	1.93

STATION NUMBER 02202500 OGEECHEE RIVER NEAR EDEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 103
LATITUDE 321129 LONGITUDE 0812458 NAD27 DRAINAGE AREA 2650.00 CONTRIBUTING DRAINAGE AREA 2650* DATUM 19.64 NGVD29
Date Processed: 2003-03-10 10:32 By acday
APPROVED
DD #7, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	0.01	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.01
3	---	---	---	---	---	---	---	0.00	0.09	1.50	0.00	0.01
4	---	---	---	---	---	---	---	0.01	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
6	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00	---
7	---	---	---	---	---	---	---	0.00	0.98	0.60	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00
10	---	---	---	---	---	---	---	0.14	0.00	---	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	---	0.00	0.03
13	---	---	---	---	---	---	0.02	0.20	0.00	0.42	0.00	0.92
14	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.56	0.79
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.10
16	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.01
17	---	---	---	---	---	---	0.00	0.09	0.00	0.00	0.01	0.00
18	---	---	---	---	---	---	---	0.30	0.03	0.00	0.08	0.22
19	---	---	---	---	---	---	---	0.04	0.00	0.00	0.00	0.05
20	---	---	---	---	---	---	---	0.00	1.46	0.06	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.46	0.15	0.02	0.00
22	---	---	---	---	---	---	---	0.00	2.30	0.69	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.60	0.54	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.01	0.14	0.00	0.01
25	---	---	---	---	---	---	0.02	0.00	0.03	0.00	0.53	1.74
26	---	---	---	---	---	---	0.00	0.00	0.33	0.00	0.37	0.24
27	---	---	---	---	---	---	0.12	0.00	0.00	0.00	0.38	0.04
28	---	---	---	---	---	---	0.01	0.00	0.00	0.00	0.18	0.04
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.43	0.31
30	---	---	---	---	---	---	0.02	0.00	0.00	0.00	0.73	0.00
31	---	---	---	---	---	---	---	0.00	---	0.69	0.28	---
TOTAL	---	---	---	---	---	---	---	0.79	6.29	---	3.57	---

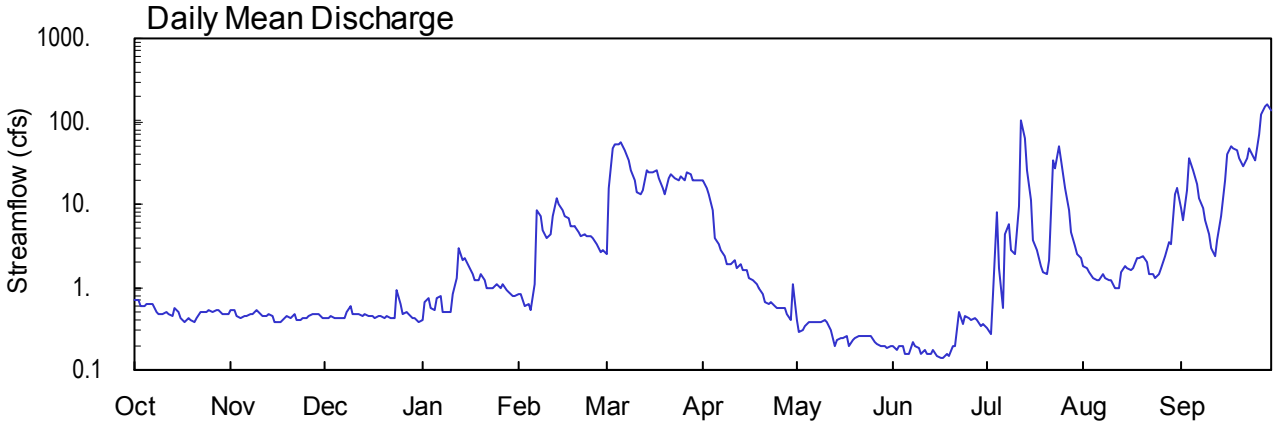
OGEECHEE RIVER BASIN

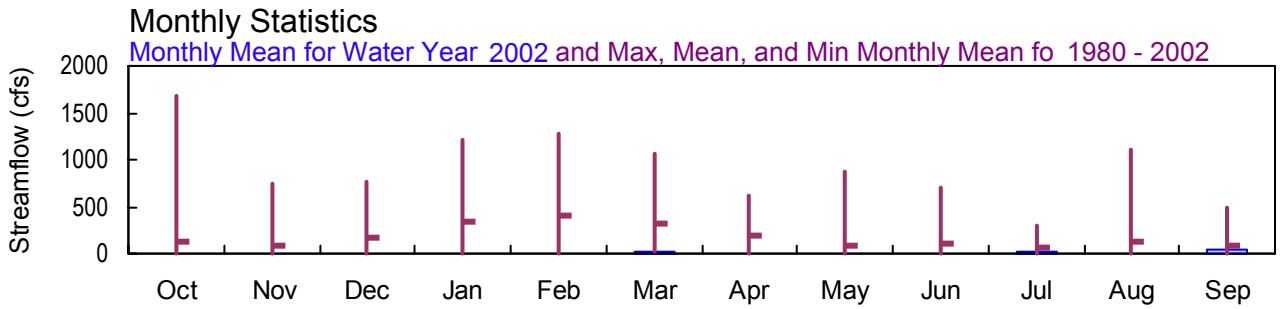
2002 Water Year

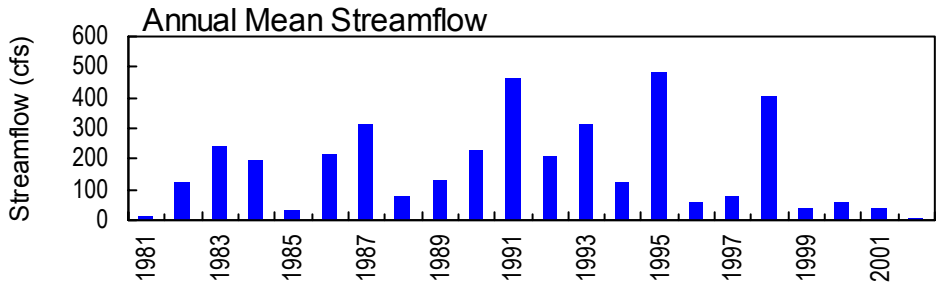
02202600 BLACK CREEK NEAR BLITCHTON, GA

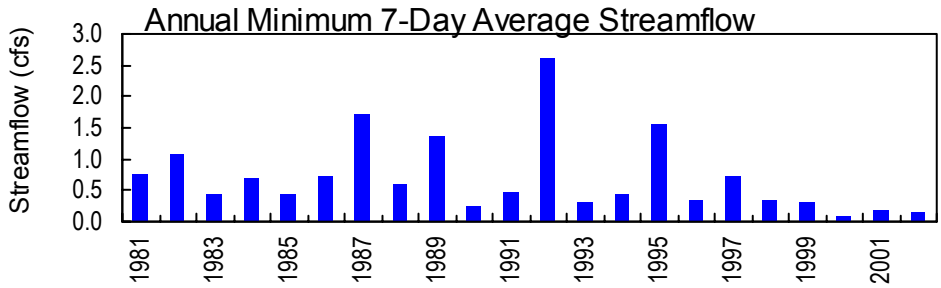
Latitude: 32°10'04" Longitude: 81°29'18" Hydrologic Unit Code: 03060202 Bryan County

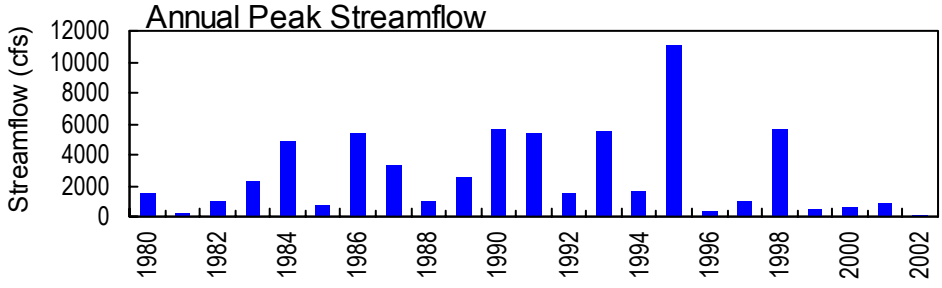
Drainage Area: 232. mi^2 Datum: 30.00 feet











02202600 Black Creek near Blichton, GA
August 28, 1991

OGEECHEE RIVER BASIN
2002 Water Year

02202600 BLACK CREEK NEAR BLITCHTON, GA

LOCATION.—Lat 32°10'04", long 81°29'18" referenced to North American Datum (NAD) of 1927, Bryan County, Hydrologic Unit 03060202, on upstream side of bridge on US 280 (GA 30), 4.2 miles upstream from Mill Creek, 5.8 miles southwest of Blitchton, and 8.7 miles upstream from mouth.

DRAINAGE AREA.—232 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—Occasional low-flow measurements, water years 1944, 1951, 1954, 1959, 1961-62, 1964-68, 1973. February 1980 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 30.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except those less than 2.0 ft^3/s, which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 900 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Sep. 28	2130	159*	5.47*

WATER-STAGE RECORDS

PERIOD OF RECORD.—Occasional low-flow measurements, water years 1944, 1951, 1954, 1959, 1961-62, 1964-68, 1973. February 1980 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 30.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded 5.47 feet, September 28, 29; minimum gage-height recorded 2.22 feet, May 12, 13, June 2, 3.

STATION NUMBER 02202600 BLACK CREEK NEAR BLITCHTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 029
LATITUDE 321004 LONGITUDE 0812918 NAD27 DRAINAGE AREA 232.00* CONTRIBUTING DRAINAGE AREA DATUM 30.00 NGVD29
Date Processed: 2003-03-10 10:34 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.69	0.53	0.43	0.39	0.84	2.5	19	0.41	0.19	0.32	1.8	9.1
2	0.69	0.53	0.43	0.65	0.81	16	16	0.29	0.17	0.27	1.7	6.3
3	0.59	0.45	0.44	0.75	0.60	46	13	0.30	0.20	0.79	1.5	15
4	0.59	0.43	0.43	0.57	0.63	53	8.6	0.34	0.20	7.9	1.3	35
5	0.62	0.44	0.42	0.53	0.54	53	4.0	0.37	0.16	1.7	1.2	26
6	0.63	0.45	0.42	0.73	1.1	55	3.3	0.38	0.16	0.56	1.2	17
7	0.62	0.47	0.42	0.76	8.6	45	2.8	0.38	0.22	4.4	1.4	12
8	0.50	0.47	0.51	0.50	7.0	33	2.3	0.37	0.20	5.7	1.3	9.0
9	0.47	0.52	0.58	0.50	4.9	25	1.9	0.38	0.18	2.8	1.2	6.3
10	0.48	0.50	0.47	0.51	4.0	19	1.9	0.40	0.16	2.5	1.2	4.4
11	0.49	0.45	0.47	0.84	4.4	14	2.1	0.38	0.17	9.3	0.95	2.9
12	0.48	0.44	0.46	1.3	7.0	13	1.7	0.30	0.16	103	0.99	2.3
13	0.45	0.48	0.44	2.9	12	15	1.9	0.19	0.16	61	1.5	3.6
14	0.55	0.44	0.46	2.1	9.9	26	1.6	0.23	0.17	25	1.8	7.1
15	0.49	0.37	0.45	2.2	8.4	24	1.6	0.24	0.15	11	1.7	19
16	0.42	0.37	0.44	1.8	7.3	24	1.3	0.24	0.14	3.7	1.6	41
17	0.38	0.38	0.43	1.4	6.6	25	1.2	0.25	0.14	2.8	1.7	49
18	0.42	0.42	0.45	1.2	5.4	21	1.1	0.20	0.16	1.8	2.2	48
19	0.39	0.45	0.45	1.2	5.5	16	1.0	0.23	0.15	1.5	2.2	45
20	0.38	0.43	0.43	1.4	4.6	13	0.81	0.24	0.19	1.4	2.3	35
21	0.42	0.46	0.45	1.2	4.2	21	0.66	0.25	0.20	2.1	2.0	28
22	0.50	0.41	0.43	1.0	4.4	23	0.63	0.25	0.50	34	1.4	35
23	0.49	0.41	0.42	1.0	4.2	21	0.65	0.26	0.35	27	1.4	46
24	0.51	0.43	0.93	0.96	4.1	20	0.58	0.25	0.45	50	1.3	38
25	0.52	0.43	0.64	1.1	4.0	22	0.57	0.25	0.43	34	1.4	34
26	0.50	0.44	0.47	1.0	3.3	20	0.57	0.22	0.41	16	1.7	69
27	0.53	0.47	0.51	1.1	2.7	24	0.56	0.21	0.43	8.3	2.3	124
28	0.52	0.47	0.47	0.91	2.8	23	0.47	0.19	0.40	4.7	3.5	155
29	0.46	0.48	0.42	0.85	---	20	0.41	0.19	0.34	3.1	3.3	156
30	0.46	0.43	0.43	0.78	---	19	1.1	0.18	0.35	2.5	13	133
31	0.48	---	0.37	0.76	---	20	---	0.19	---	2.2	16	---
TOTAL	15.72	13.45	14.57	32.89	129.82	771.5	93.31	8.56	7.29	431.34	78.04	1211.0
MEAN	0.51	0.45	0.47	1.06	4.64	24.9	3.11	0.28	0.24	13.9	2.52	40.4
MAX	0.69	0.53	0.93	2.9	12	55	19	0.41	0.50	103	16	156
MIN	0.38	0.37	0.37	0.39	0.54	2.5	0.41	0.18	0.14	0.27	0.95	2.3
CFSM	0.00	0.00	0.00	0.00	0.02	0.11	0.01	0.00	0.00	0.06	0.01	0.17
IN.	0.00	0.00	0.00	0.01	0.02	0.12	0.01	0.00	0.00	0.07	0.01	0.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

MEAN	119	92.5	161	340	401	329	192	91.0	101	73.9	138	82.3
MAX	1682	754	762	1203	1286	1065	622	867	696	299	1105	486
(WY)	1995	1986	1995	1987	1998	1998	1993	1991	1991	1989	1991	1989
MIN	0.51	0.45	0.47	1.06	4.64	24.9	3.11	0.28	0.24	0.36	0.63	0.61
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2000	1990	1998	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1980 - 2002	
ANNUAL TOTAL	13382.70		2807.49			
ANNUAL MEAN	36.7		7.69		175	
HIGHEST ANNUAL MEAN					480	1995
LOWEST ANNUAL MEAN					7.69	2002
HIGHEST DAILY MEAN	836	Mar 24	156	Sep 29	10400	Oct 14 1994
LOWEST DAILY MEAN	0.15	Jun 2	0.14	Jun 16	0.09	Jul 6 2000
ANNUAL SEVEN-DAY MINIMUM	0.18	May 28	0.15	Jun 13	0.09	Jul 17 2000
MAXIMUM PEAK FLOW			159	Sep 29	11100	Oct 14 1994
MAXIMUM PEAK STAGE			5.47	Sep 29	15.28	Oct 14 1994
INSTANTANEOUS LOW FLOW					0.00	Aug 19 1954
ANNUAL RUNOFF (CFSM)	0.16		0.033		0.75	
ANNUAL RUNOFF (INCHES)	2.15		0.45		10.22	
10 PERCENT EXCEEDS	80		23		476	
50 PERCENT EXCEEDS	2.3		0.84		29	
90 PERCENT EXCEEDS	0.38		0.25		0.87	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02202600 BLACK CREEK NEAR BLITCHTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 029
LATITUDE 321004 LONGITUDE 0812918 NAD27 DRAINAGE AREA 232.00* CONTRIBUTING DRAINAGE AREA DATUM 30.00 NGVD29
Date Processed: 2003-03-10 10:34 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.32	2.34	2.36	2.37	2.45	2.53	3.15	2.28	2.24	2.31	2.47	2.85
2	2.32	2.34	2.36	2.42	2.45	3.02	3.05	2.25	2.24	2.30	2.46	2.75
3	2.31	2.32	2.36	2.44	2.41	3.73	2.96	2.26	2.25	2.37	2.44	3.00
4	2.31	2.32	2.36	2.41	2.42	3.85	2.84	2.27	2.25	2.81	2.42	3.50
5	2.32	2.32	2.36	2.40	2.40	3.85	2.63	2.27	2.24	2.50	2.41	3.32
6	2.32	2.33	2.36	2.44	2.46	3.89	2.59	2.28	2.24	2.37	2.41	3.09
7	2.32	2.34	2.36	2.43	2.83	3.69	2.56	2.28	2.26	2.62	2.43	2.94
8	2.30	2.34	2.38	2.40	2.77	3.47	2.51	2.28	2.26	2.74	2.42	2.85
9	2.30	2.35	2.40	2.40	2.68	3.29	2.48	2.29	2.25	2.59	2.41	2.75
10	2.30	2.35	2.38	2.40	2.64	3.13	2.48	2.29	2.24	2.57	2.41	2.65
11	2.30	2.34	2.38	2.44	2.65	3.00	2.50	2.29	2.24	2.68	2.38	2.56
12	2.30	2.33	2.38	2.46	2.77	2.96	2.46	2.26	2.24	4.67	2.38	2.52
13	2.30	2.34	2.37	2.63	2.93	3.04	2.48	2.23	2.24	3.99	2.43	2.60
14	2.32	2.34	2.38	2.57	2.88	3.30	2.45	2.24	2.25	3.29	2.47	2.77
15	2.31	2.33	2.38	2.58	2.83	3.27	2.45	2.24	2.24	2.89	2.46	3.14
16	2.30	2.33	2.38	2.55	2.79	3.27	2.42	2.25	2.24	2.61	2.45	3.61
17	2.29	2.33	2.38	2.52	2.76	3.29	2.41	2.25	2.24	2.55	2.46	3.78
18	2.30	2.34	2.38	2.50	2.71	3.21	2.40	2.24	2.25	2.47	2.51	3.76
19	2.29	2.34	2.38	2.50	2.71	3.06	2.39	2.25	2.25	2.44	2.51	3.71
20	2.29	2.34	2.38	2.52	2.67	2.98	2.36	2.25	2.26	2.43	2.52	3.50
21	2.30	2.35	2.38	2.50	2.64	3.18	2.34	2.26	2.27	2.46	2.49	3.36
22	2.33	2.34	2.38	2.48	2.65	3.26	2.33	2.26	2.35	3.48	2.43	3.50
23	2.32	2.34	2.38	2.48	2.65	3.20	2.33	2.26	2.32	3.33	2.43	3.72
24	2.33	2.35	2.44	2.47	2.64	3.18	2.32	2.26	2.34	3.80	2.42	3.57
25	2.33	2.35	2.42	2.49	2.63	3.20	2.32	2.26	2.34	3.48	2.43	3.49
26	2.33	2.35	2.39	2.48	2.59	3.18	2.32	2.25	2.33	3.05	2.46	4.12
27	2.33	2.36	2.40	2.49	2.55	3.27	2.32	2.25	2.34	2.82	2.51	4.99
28	2.33	2.36	2.39	2.46	2.55	3.25	2.30	2.25	2.33	2.67	2.60	5.42
29	2.33	2.36	2.38	2.45	---	3.18	2.28	2.24	2.32	2.58	2.59	5.43
30	2.33	2.36	2.38	2.44	---	3.15	2.35	2.24	2.32	2.53	2.96	5.12
31	2.33	---	2.37	2.44	---	3.18	---	2.24	---	2.51	3.05	---
MEAN	2.31	2.34	2.38	2.47	2.65	3.26	2.49	2.26	2.27	2.84	2.49	3.48
MAX	2.33	2.36	2.44	2.63	2.93	3.89	3.15	2.29	2.35	4.67	3.05	5.43
MIN	2.29	2.32	2.36	2.37	2.40	2.53	2.28	2.23	2.24	2.30	2.38	2.52

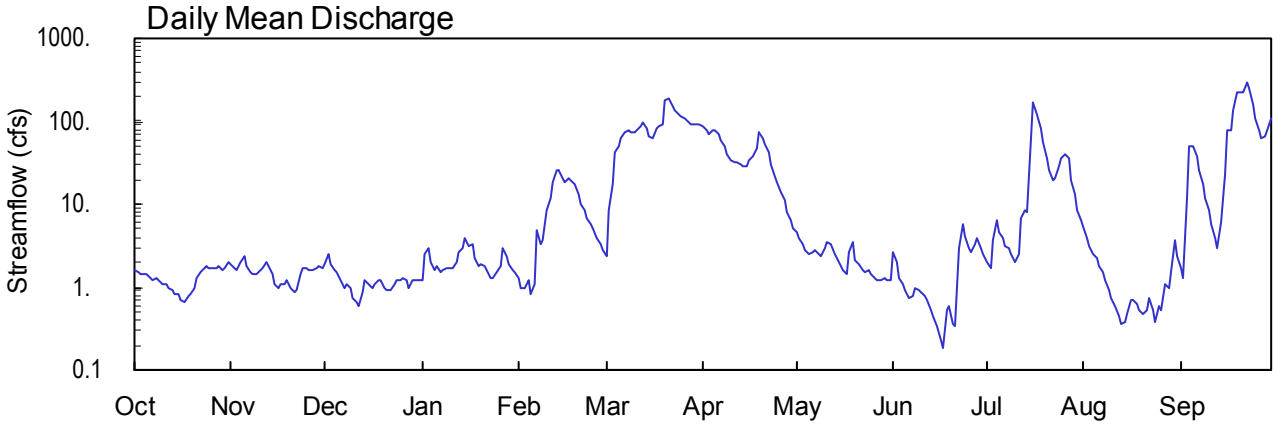
OGEECHEE RIVER BASIN

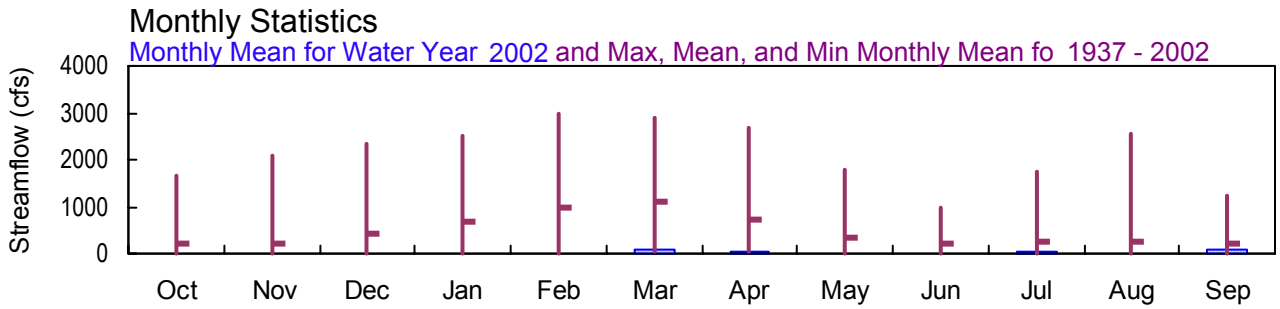
2002 Water Year

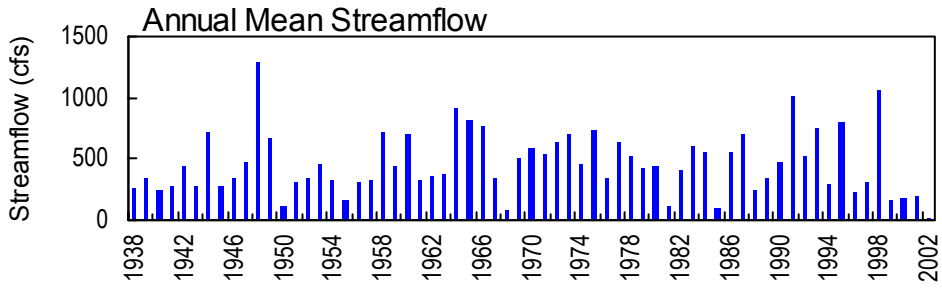
02203000 CANOOCHEE RIVER NEAR CLAXTON, GA

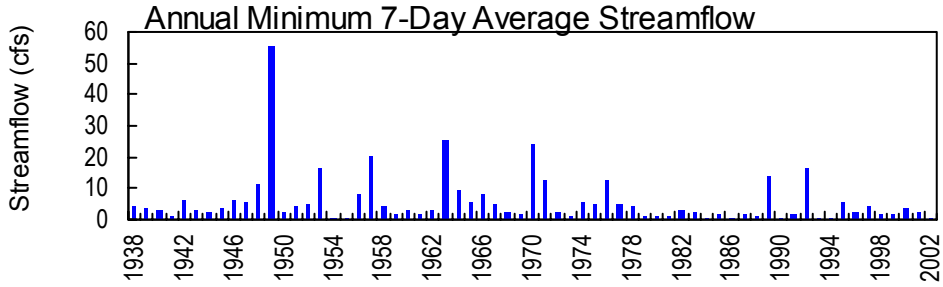
Latitude: 32°11'05" Longitude: 81°53'20" Hydrologic Unit Code: 03060203 Evans County

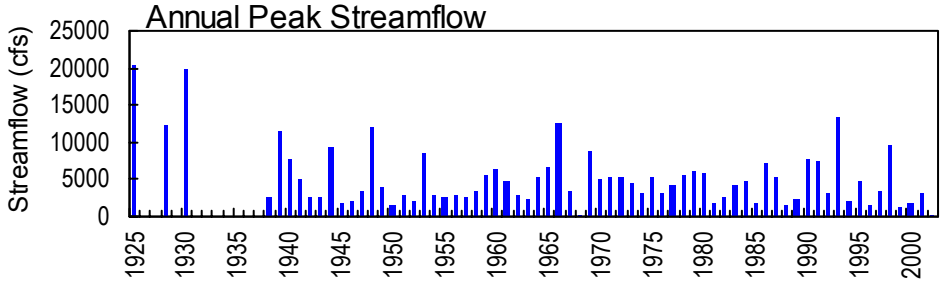
Drainage Area: 555. mi^2 Datum: 80.50 feet











OGEECHEE RIVER BASIN
2002 Water Year

02203000 CANOOCHEE RIVER NEAR CLAXTON, GA

LOCATION.—Lat 32°11'05", long 81°53'20" referenced to North American Datum (NAD) of 1927, Evans County, Hydrologic Unit 03060203, on right bank 400 feet upstream from bridge on GA 73, 1.9 miles northeast of Claxton, and 10.0 miles upstream from Lotts Creek.

DRAINAGE AREA.—555 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1937 to current year.

REVISED RECORDS.—WSP 1112: 1939-41, 1944.

GAGE.—Water-stage recorder. Datum of gage is 80.5 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). Prior to October 20, 1949, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Sep. 22	1100	301*	3.24*

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1937 to current year.

REVISED RECORDS.—WSP 1112: 1939-41, 1944.

GAGE.—Water-stage recorder. Datum of gage is 80.5 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). Prior to October 20, 1949, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 3.24 feet, September 22; minimum gage-height recorded, 0.86 feet, June 17, 18.

STATION NUMBER 02203000 CANOOCHEE RIVER NEAR CLAXTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 109
LATITUDE 321105 LONGITUDE 0815320 NAD27 DRAINAGE AREA 555.00 CONTRIBUTING DRAINAGE AREA 555.00* DATUM 80.50 NGVD29
Date Processed: 2003-03-10 10:35 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.9	1.9	1.2	1.3	2.3	87	4.5	2.6	2.0	5.5	1.7
2	1.5	1.7	2.5	2.5	1.0	8.4	77	3.9	2.0	1.7	4.0	1.3
3	1.4	1.6	1.9	2.9	0.95	17	71	3.3	1.3	3.6	3.2	12
4	1.4	2.0	1.6	2.0	1.2	42	78	2.8	1.1	6.5	2.5	50
5	1.4	2.3	1.5	1.6	0.83	50	77	2.5	0.90	4.7	2.2	51
6	1.3	1.8	1.2	1.8	1.1	62	69	2.7	0.74	3.8	1.8	37
7	1.2	1.5	0.99	1.5	4.9	73	60	2.8	0.76	3.2	1.5	25
8	1.3	1.4	1.1	1.6	3.3	76	49	2.5	0.95	3.0	1.2	17
9	1.2	1.4	1.0	1.7	3.7	72	40	2.3	0.91	2.5	0.92	12
10	1.1	1.5	0.73	1.7	8.7	73	34	3.0	0.85	2.0	0.74	8.3
11	1.1	1.7	0.65	1.7	12	80	32	3.4	0.79	2.5	0.59	5.7
12	1.0	2.0	0.60	2.0	18	86	32	3.3	0.69	6.9	0.44	3.9
13	0.91	1.8	0.89	2.7	25	97	31	2.5	0.53	8.7	0.36	2.9
14	0.84	1.4	1.2	2.9	26	82	28	2.2	0.44	7.8	0.38	6.2
15	0.81	1.1	1.1	3.9	21	67	29	1.8	0.34	61	0.48	23
16	0.70	0.99	1.0	3.1	18	63	34	1.6	0.23	172	0.71	79
17	0.66	1.1	1.1	3.3	21	84	37	1.4	0.18	123	0.68	79
18	0.76	1.1	1.2	2.2	20	85	47	2.7	0.54	81	0.61	135
19	0.84	1.2	1.2	1.8	17	92	75	3.4	0.58	55	0.54	229
20	1.0	0.95	1.0	1.9	13	175	64	2.1	0.35	36	0.48	220
21	1.3	0.88	0.90	1.8	9.8	190	54	1.9	0.33	25	0.53	228
22	1.5	0.90	0.94	1.6	8.4	172	43	1.6	3.0	20	0.73	294
23	1.6	1.4	1.1	1.3	6.7	136	31	1.5	5.6	21	0.54	245
24	1.8	1.7	1.2	1.3	5.8	121	22	1.6	4.2	28	0.37	163
25	1.7	1.7	1.2	1.5	5.0	113	18	1.4	3.0	36	0.58	108
26	1.7	1.6	1.3	1.8	3.9	106	14	1.3	2.6	40	0.53	79
27	1.7	1.6	1.2	2.9	3.3	101	11	1.2	3.3	35	1.1	63
28	1.8	1.7	1.0	2.4	2.8	93	8.1	1.2	4.0	20	1.0	67
29	1.6	1.8	1.2	1.9	---	91	6.4	1.3	3.0	13	1.5	78
30	1.7	1.7	1.2	1.6	---	90	5.1	1.2	2.5	8.7	3.7	111
31	2.0	---	1.2	1.5	---	91	---	1.2	---	6.3	2.3	---
TOTAL	40.42	45.42	36.80	63.6	263.68	2690.7	1263.6	70.1	48.31	839.9	41.71	2435.0
MEAN	1.30	1.51	1.19	2.05	9.42	86.8	42.1	2.26	1.61	27.1	1.35	81.2
MAX	2.0	2.3	2.5	3.9	26	190	87	4.5	5.6	172	5.5	294
MIN	0.66	0.88	0.60	1.2	0.83	2.3	5.1	1.2	0.18	1.7	0.36	1.3
CFSM	0.00	0.00	0.00	0.00	0.02	0.16	0.08	0.00	0.00	0.05	0.00	0.15
IN.	0.00	0.00	0.00	0.00	0.02	0.18	0.08	0.00	0.00	0.06	0.00	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	216	197	413	694	962	1103	728	324	222	235	259	213
MAX	1674	2074	2359	2498	2975	2900	2667	1804	999	1730	2536	1244
(WY)	1965	1948	1948	1987	1998	1948	1948	1966	1973	1941	1991	1964
MIN	1.22	1.51	1.19	2.05	9.42	52.6	42.1	2.26	1.61	1.56	1.35	1.20
(WY)	1955	2002	2002	2002	2002	1955	2002	2002	2002	1986	2002	1993

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	66265.64		7839.24			
ANNUAL MEAN	182		21.5		460	
HIGHEST ANNUAL MEAN					1283	1948
LOWEST ANNUAL MEAN					21.5	2002
HIGHEST DAILY MEAN	3040	Mar 22	294	Sep 22	12400	Jan 14 1993
LOWEST DAILY MEAN	0.60	Dec 12	0.18	Jun 17	0.18	Jun 17 2002
ANNUAL SEVEN-DAY MINIMUM	0.79	Oct 13	0.36	Jun 15	0.36	Jun 15 2002
MAXIMUM PEAK FLOW			301	Sep 22	13500	Jan 14 1993
MAXIMUM PEAK STAGE			3.24	Sep 22	16.60	Jan 14 1993
INSTANTANEOUS LOW FLOW			0.15	Jun 17	0.15	Jun 17 2002
ANNUAL RUNOFF (CFSM)	0.33		0.039		0.83	
ANNUAL RUNOFF (INCHES)	4.44		0.53		11.27	
10 PERCENT EXCEEDS	562		78		1300	
50 PERCENT EXCEEDS	18		2.2		149	
90 PERCENT EXCEEDS	1.2		0.80		6.0	

STATION NUMBER 02203000 CANOOCHEE RIVER NEAR CLAXTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 109
LATITUDE 321105 LONGITUDE 0815320 NAD27 DRAINAGE AREA 555.00 CONTRIBUTING DRAINAGE AREA 555.00* DATUM 80.50 NGVD29
Date Processed: 2003-03-10 10:35 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.07	1.13	1.20	1.21	1.22	1.27	1.88	1.12	1.05	1.02	1.18	1.10
2	1.07	1.13	1.24	1.28	1.20	1.41	1.82	1.10	1.02	1.00	1.14	1.08
3	1.06	1.13	1.21	1.30	1.19	1.56	1.78	1.08	0.98	1.09	1.12	1.30
4	1.06	1.15	1.20	1.26	1.21	1.75	1.83	1.06	0.97	1.18	1.09	1.74
5	1.06	1.17	1.19	1.24	1.18	1.79	1.82	1.04	0.95	1.13	1.08	1.75
6	1.06	1.14	1.17	1.25	1.20	1.84	1.77	1.05	0.94	1.10	1.07	1.65
7	1.06	1.13	1.16	1.23	1.37	1.90	1.71	1.06	0.94	1.08	1.05	1.55
8	1.06	1.12	1.18	1.24	1.32	1.90	1.64	1.04	0.95	1.07	1.04	1.45
9	1.06	1.13	1.17	1.25	1.32	1.88	1.57	1.03	0.95	1.04	1.02	1.38
10	1.05	1.13	1.14	1.24	1.46	1.88	1.53	1.06	0.95	1.02	1.02	1.31
11	1.05	1.15	1.14	1.24	1.52	1.91	1.51	1.08	0.94	1.03	1.01	1.25
12	1.04	1.17	1.14	1.25	1.59	1.94	1.51	1.08	0.93	1.18	1.00	1.20
13	1.03	1.16	1.17	1.29	1.66	1.99	1.50	1.04	0.92	1.22	0.99	1.16
14	1.03	1.14	1.19	1.30	1.66	1.90	1.48	1.03	0.91	1.20	1.00	1.25
15	1.03	1.12	1.18	1.34	1.62	1.80	1.48	1.01	0.89	1.64	1.01	1.52
16	1.02	1.12	1.19	1.31	1.59	1.77	1.53	1.00	0.88	2.37	1.03	1.91
17	1.02	1.12	1.20	1.32	1.62	1.89	1.55	0.98	0.87	2.09	1.03	1.91
18	1.03	1.13	1.20	1.27	1.61	1.89	1.62	1.04	0.90	1.84	1.02	2.21
19	1.03	1.13	1.20	1.25	1.58	1.92	1.81	1.08	0.92	1.68	1.02	2.75
20	1.06	1.13	1.20	1.26	1.53	2.40	1.74	1.02	0.89	1.54	1.01	2.69
21	1.08	1.12	1.19	1.25	1.48	2.49	1.67	1.01	0.89	1.45	1.01	2.74
22	1.09	1.12	1.19	1.24	1.46	2.37	1.59	1.00	1.04	1.40	1.03	3.19
23	1.10	1.16	1.20	1.22	1.42	2.16	1.50	0.99	1.15	1.41	1.02	2.86
24	1.11	1.18	1.21	1.22	1.40	2.08	1.42	1.00	1.11	1.48	1.00	2.34
25	1.12	1.18	1.21	1.23	1.37	2.03	1.37	0.98	1.07	1.55	1.02	2.06
26	1.12	1.18	1.22	1.25	1.34	1.99	1.31	0.98	1.05	1.58	1.01	1.91
27	1.12	1.18	1.21	1.30	1.32	1.97	1.26	0.97	1.08	1.53	1.06	1.81
28	1.12	1.19	1.20	1.28	1.30	1.91	1.21	0.97	1.10	1.41	1.06	1.84
29	1.12	1.20	1.21	1.26	---	1.90	1.17	0.98	1.07	1.31	1.08	1.90
30	1.13	1.19	1.21	1.24	---	1.90	1.14	0.97	1.04	1.24	1.19	2.08
31	1.14	---	1.21	1.23	---	1.90	---	0.97	---	1.19	1.13	---
MEAN	1.07	1.15	1.19	1.26	1.42	1.91	1.56	1.03	0.98	1.36	1.05	1.83
MAX	1.14	1.20	1.24	1.34	1.66	2.49	1.88	1.12	1.15	2.37	1.19	3.19
MIN	1.02	1.12	1.14	1.21	1.18	1.27	1.14	0.97	0.87	1.00	0.99	1.08

OGEECHEE RIVER BASIN
2002 Water Year

022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA

LOCATION.—Lat 31°27'12", long 81°21'47" referenced to North American Datum (NAD) of 1927, McIntosh County, Hydrologic unit, at the Georgia Department of Natural Resources ferry landing in Meridian, Georgia, near the Sapelo Island Visitors Center near the end of the fishing pier.

DRAINAGE AREA.—Indeterminate.

COOPERATION.—Sapelo Island National Estuarine Research Reserve; Georgia Wildlife Resources Division; University of Georgia Marine Institute.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 2000 to current year.

GAGE.— Satellite telemetry with a continuous water-quality sonde and vented pressure sensor. Datum of gage is arbitrarily set.

REMARKS.—Records fair.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height recorded, 15.70 feet, September 16, 2001; minimum gage-height recorded, 3.07 feet, March 7, 2001.

EXTREMES FOR CURRENT YEAR. —Maximum gage-height recorded, 15.64 feet, August 7; minimum gage-height recorded 3.23 feet, February 27, 28.

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-11 12:18 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	13.68	6.62	13.65	5.65	13.63	4.86	13.58	3.83	13.56	3.78	14.10	3.44
2	13.71	6.43	13.48	5.54	13.73	4.88	---	---	13.16	4.25	14.22	4.30
3	13.63	6.15	13.50	5.42	14.23	5.63	13.74	3.77	13.47	5.71	13.32	3.91
4	13.55	6.13	13.60	5.43	14.15	5.61	13.13	4.86	13.10	4.65	---	---
5	---	---	14.30	6.76	13.98	5.56	13.04	5.21	12.86	6.02	12.23	5.04
6	13.17	5.76	13.95	6.61	13.48	5.61	12.94	3.96	13.12	6.29	12.43	5.86
7	13.55	5.91	13.39	6.01	13.27	5.61	11.66	3.94	12.89	4.31	12.37	5.89
8	13.89	7.13	13.25	5.91	13.26	5.71	---	---	12.38	4.50	12.49	6.10
9	14.02	7.75	13.19	5.89	13.02	5.38	12.17	3.90	13.08	5.43	12.56	5.38
10	---	---	13.54	5.66	13.86	5.51	12.15	3.90	13.27	5.53	12.40	5.28
11	13.74	6.55	13.55	4.97	13.93	5.03	12.50	3.73	12.47	4.81	12.90	5.46
12	13.74	5.97	14.55	5.01	13.99	4.99	12.93	3.87	12.82	4.30	13.15	5.56
13	14.27	5.73	15.08	6.03	14.16	4.78	12.39	4.17	12.75	4.90	---	---
14	14.19	5.27	15.01	5.57	13.83	4.77	12.85	4.43	13.16	5.30	12.66	4.66
15	14.69	4.85	15.23	5.70	13.38	4.57	12.43	4.64	13.00	5.76	12.68	4.78
16	14.77	4.83	14.91	5.57	13.80	5.52	12.35	4.89	12.33	5.22	12.55	4.52
17	14.82	4.17	14.16	5.52	---	---	12.15	4.78	11.71	5.08	12.68	4.87
18	14.87	4.95	13.76	5.70	12.22	4.80	11.52	5.04	---	---	12.51	5.37
19	14.64	5.91	13.32	6.05	12.62	5.91	11.83	5.66	---	---	12.87	5.85
20	13.95	5.89	12.86	6.30	12.22	6.05	11.65	5.45	12.30	6.26	12.87	6.25
21	13.59	6.23	13.16	7.73	12.26	6.70	11.89	5.87	12.02	5.92	12.41	6.45
22	13.34	6.65	12.82	7.07	12.45	7.04	11.85	6.33	12.27	5.97	12.82	6.51
23	13.15	7.31	12.42	7.04	12.16	6.56	12.26	6.05	12.65	5.76	12.97	6.33
24	12.86	7.19	12.08	6.39	11.45	6.03	12.25	5.35	13.60	5.29	13.20	5.38
25	12.20	6.26	12.24	6.07	12.33	5.87	12.33	5.09	13.95	4.93	13.33	4.69
26	11.77	6.16	12.41	5.69	12.80	4.56	13.70	5.11	---	---	---	---
27	12.60	6.56	12.69	5.54	12.72	4.66	13.89	4.53	13.17	3.23	---	---
28	12.92	6.58	13.10	5.38	13.20	4.62	13.80	3.66	13.81	3.23	14.91	3.80
29	13.17	6.37	13.40	5.24	13.60	4.35	13.63	3.41	---	---	14.92	4.27
30	13.36	6.01	13.51	5.07	13.43	3.90	13.69	3.26	---	---	---	---
31	13.52	5.87	---	---	13.70	4.09	---	---	---	---	---	---
MONTH	---	---	15.23	4.97	---	---	---	---	---	---	---	---

1 U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES
STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-11 12:18 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	13.78	5.13	13.01	6.41	12.26	5.97	12.87	6.73	13.26	7.53
2	---	---	12.96	5.32	12.63	6.28	12.32	6.20	13.39	7.20	13.79	7.27
3	13.65	6.05	12.20	5.18	12.75	6.53	12.36	6.11	13.59	7.47	14.41	7.26
4	12.47	5.99	12.21	5.86	13.07	7.11	---	---	13.62	6.78	14.43	6.45
5	13.16	7.56	12.51	6.65	13.08	6.86	---	---	14.06	6.54	14.35	5.22
6	13.01	6.83	12.72	6.51	13.15	6.29	---	---	14.72	6.64	14.98	4.66
7	12.95	6.68	12.42	6.07	13.41	6.03	---	---	15.64	6.77	15.14	5.11
8	12.86	6.13	---	---	14.42	6.64	---	---	15.49	6.29	14.95	5.01
9	12.41	5.60	---	---	14.43	7.05	---	---	---	---	14.59	5.04
10	12.70	5.18	---	---	14.34	6.57	---	---	14.95	5.20	14.40	5.26
11	13.26	5.48	---	---	14.26	5.67	---	---	14.52	5.13	14.07	5.24
12	13.24	5.51	---	---	14.19	5.65	---	---	14.07	5.08	14.03	5.71
13	13.30	5.15	13.09	4.65	14.04	5.64	13.97	5.51	13.97	5.15	14.08	6.38
14	13.17	5.17	13.50	4.44	13.50	5.59	13.78	4.55	13.63	5.51	13.27	6.14
15	13.05	5.18	13.37	5.40	13.80	5.43	13.46	4.34	13.38	5.73	12.90	6.07
16	13.07	5.35	13.19	5.61	13.92	5.77	13.08	4.93	13.17	5.92	12.72	5.76
17	12.86	5.67	13.13	5.58	13.80	5.89	13.37	5.48	---	---	13.11	5.83
18	12.83	5.81	12.93	5.23	13.61	5.83	13.50	5.51	---	---	13.55	6.14
19	12.70	5.97	13.67	6.87	13.92	5.72	13.57	5.23	13.35	5.18	13.90	6.19
20	12.43	5.89	13.73	6.67	14.10	5.43	---	---	13.38	5.73	13.91	6.41
21	12.78	6.04	13.60	5.93	14.93	5.85	---	---	13.47	5.45	13.85	6.38
22	12.72	5.16	14.38	6.83	14.60	5.50	---	---	13.55	5.47	13.80	6.46
23	13.81	5.49	14.65	5.84	14.34	5.01	---	---	---	---	13.55	6.54
24	14.10	4.96	14.54	4.53	14.07	4.92	---	---	12.90	5.15	13.55	6.19
25	14.26	4.39	14.50	4.23	13.87	4.86	---	---	12.86	5.22	13.93	7.29
26	15.30	3.76	14.52	4.39	13.28	4.96	---	---	12.75	6.03	13.56	7.20
27	14.85	4.46	14.41	4.69	12.80	4.82	---	---	12.59	6.25	12.76	7.09
28	14.10	3.66	14.64	5.21	12.37	4.72	---	---	12.55	6.21	13.16	6.92
29	13.77	3.79	14.48	6.35	12.20	5.12	---	---	12.58	6.57	13.28	7.29
30	13.78	4.57	14.47	6.29	12.20	5.39	11.93	5.37	12.79	6.55	13.85	8.09
31	---	---	13.70	6.11	---	---	12.29	5.82	13.05	7.35	---	---
MONTH	---	---	---	---	14.93	4.72	---	---	---	---	15.14	4.66

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-11 11:11 By bemccall
APPROVED
DD #2, DCP ACCUM-RF
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.01	0.00	---	0.00	0.00	0.00	0.00	1.01
2	0.00	0.08	0.00	---	0.00	2.43	---	0.00	0.00	0.00	0.00	0.01
3	0.00	0.00	0.00	0.00	0.00	2.45	0.00	0.00	0.00	0.00	0.41	0.01
4	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	---	0.96	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	---	0.01	0.00
6	0.05	0.00	0.00	0.18	0.01	0.00	0.00	0.00	0.00	---	0.05	0.00
7	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.67	---	1.29	0.29
8	0.00	0.00	0.58	0.00	0.00	0.00	0.00	---	6.50	---	0.00	0.01
9	0.04	0.00	0.01	0.00	0.00	0.00	0.00	---	0.00	---	0.00	0.00
10	0.03	0.00	0.03	0.00	0.06	0.00	0.09	---	0.00	---	0.00	0.00
11	0.05	0.01	0.01	0.00	0.01	0.00	0.68	---	0.00	---	0.00	0.00
12	0.00	0.00	0.00	0.53	0.00	0.07	0.00	---	0.00	---	0.00	0.00
13	0.00	0.00	0.01	0.14	0.00	---	0.00	0.26	0.00	0.17	1.50	3.13
14	0.07	0.01	0.01	0.81	0.00	0.00	0.00	0.54	0.01	0.01	0.68	0.54
15	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.27
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	---	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.60	0.20	0.00	---	0.03
19	0.00	0.00	0.00	0.15	---	0.00	0.00	0.28	0.00	0.00	0.15	0.01
20	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.64	0.94	0.00	0.00
21	0.00	0.00	0.00	0.57	0.01	1.11	0.00	0.00	2.57	0.02	0.00	0.00
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	2.20	0.00	0.00	0.00
23	0.00	0.01	0.00	0.00	0.44	0.00	0.00	0.00	0.10	---	---	0.00
24	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.43
25	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.05	0.27	0.36	2.10
26	0.00	0.00	0.00	0.03	---	---	0.00	0.00	1.60	---	0.00	0.07
27	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.07	---	2.62	0.00
28	0.00	0.01	0.00	0.06	0.00	---	0.00	---	0.11	---	1.26	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	---	0.26	0.00
30	0.00	0.00	0.00	0.02	---	---	0.00	0.00	0.00	0.00	3.99	0.00
31	0.00	---	0.00	0.02	---	---	---	---	---	0.00	0.80	---
TOTAL	0.24	0.16	---	---	---	---	---	---	14.73	---	---	7.91

OGEECHEE RIVER BASIN
2002 Water Year

022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA

LOCATION.—Lat 31°27'12", Long 81°21'47" referenced to North American Datum (NAD) of 1927, McIntosh County, Hydrologic unit 03060204, at the Georgia Department of Natural Resources ferry landing in Meridian, near the Sapelo Island Visitors Center near the end of the fishing pier.

DRAINAGE AREA.— Indeterminate.

COOPERATION.—Sapelo Island National Estuarine Research Reserve; Georgia Wildlife Resources Division; University of Georgia Marine Institute.

PERIOD OF RECORD.—February 2000 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: February 5, 2000 to September 30, 2001
PH: October 5, 2000 to September 30, 2001
WATER TEMPERATURE: October 5, 2000 to September 30, 2001.
DISSOLVED OXYGEN: October 5, 2000 to September 30, 2001.
TURBIDITY: October 6, 2000 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records fair, except dissolved oxygen which is poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 51,500 microsiemens, November 15, 2001; minimum recorded, 18,500 microsiemens, April 8, 9, 2001.
pH: Maximum recorded, 8.1, January 19-23, 2002; minimum recorded, 7.0 on several days in the 2001 and 2002 water years.
WATER TEMPERATURE: Maximum recorded, 33.0°C, July 16, 17, 2002; minimum recorded, 5.0°C, January 4, 2001.
DISSOLVED OXYGEN: Maximum recorded, 11.0 mg/L, January 17-19, 2002; minimum recorded, 0.3 mg/L, May 14, June 19, 28, 29, August 22, 2002.
TURBIDITY: Maximum recorded, 1,100 NTU, June 17, 2002; minimum recorded, <2.0 NTU, many days during the period.

022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA—continued.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 51,500 microsiemens, November 15; minimum, 25,700 microsiemens, September 16.

pH: Maximum, 8.1, January 19-23; minimum, 7.0 on several days in the June and July.

WATER TEMPERATURE: Maximum, 33.0°C, July 16, 17; minimum, 6.7°C, January 5.

DISSOLVED OXYGEN: Maximum, 11.1 mg/L, January 17-19; minimum, 0.3 mg/L, June 19, 28, 29, August 22.

TURBIDITY: Maximum, 1,100 NTU, June 17; minimum, <2.0 NTU, many days during the year.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #4, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	45800	42500	44000	49700	48900	49300	50900	49500	50300	48700	47200	48100
2	45800	43100	44400	49900	49300	49600	50700	49300	50200	---	---	---
3	45900	43600	44800	49900	49500	49800	50500	49300	50000	48300	47200	47800
4	45900	44100	45000	50000	49700	49800	50300	49500	50000	48400	47800	48100
5	---	---	---	50100	49900	50000	50500	49700	50200	48400	48100	48200
6	46300	45100	45800	50400	50000	50200	50500	49900	50300	48300	47600	48000
7	46600	45400	46100	50300	50100	50200	50500	48700	49800	48000	47600	47800
8	47000	45400	46300	50300	49600	50100	49200	48000	48700	---	---	---
9	47600	45200	46300	50500	49500	50200	48300	47800	48100	47400	46600	47200
10	---	---	---	50700	50200	50500	48400	47800	48100	47400	46900	47300
11	48000	46600	47200	50600	50200	50500	48600	47900	48200	47500	45900	47100
12	47900	46700	47300	50500	50100	50400	48400	48000	48200	47500	46400	47100
13	48200	47000	47500	50900	50100	50600	48300	47900	48100	47100	46200	46600
14	48400	47200	47500	51300	50400	50700	48300	45800	47900	46700	45600	46400
15	48200	47100	47600	51500	50500	50700	48100	47500	47900	46000	44800	45500
16	48600	47200	47700	51300	50600	50800	48000	45200	46200	45900	44900	45500
17	48800	47000	47800	51000	50600	50800	---	---	---	46000	45200	45600
18	48800	47300	47800	50900	50700	50800	47400	45100	46200	45900	45300	45600
19	48600	47600	47900	50900	50700	50800	47400	45100	45900	45800	45300	45600
20	48400	47700	47900	51100	50700	50900	47700	45200	46100	45600	45200	45400
21	48300	47800	47900	51100	50900	51000	48300	45200	46700	45700	44200	45200
22	48300	47600	48000	51200	50900	51100	48400	48000	48200	45400	44500	44900
23	48300	47700	48000	51300	51000	51100	48400	48100	48200	45600	44500	44900
24	48400	47900	48100	51300	50800	51100	48300	48200	48200	45500	44500	45000
25	48200	47900	48000	51200	50900	51000	48500	48200	48400	45400	44500	44900
26	48800	47900	48300	51200	50900	51100	48800	48100	48500	45500	44500	45100
27	49200	48200	48900	51100	50700	51000	48900	48200	48700	45800	44600	45200
28	49800	48900	49400	51100	50100	50900	49000	48000	48700	45700	44800	45200
29	50200	49200	49700	51100	50000	50700	49000	47900	48600	45200	44500	45000
30	50400	49600	50000	51000	49700	50500	48900	47500	48400	45000	44000	44700
31	50500	48900	49800	---	---	---	48800	47200	48200	---	---	---
MONTH	50500	42500	47400	51500	48900	50500	50900	45100	48400	48700	44000	46200

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #4, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	44600	43400	44100	41500	39300	40800	38800	---	---	39400	37600	38200
2	44400	43600	44000	41200	36800	39200	---	---	---	39200	38100	38300
3	44400	43500	44100	39000	30100	34700	37300	36000	36500	39100	38200	38400
4	44400	43600	44100	35900	---	---	37200	36300	36600	39300	38300	38600
5	44700	43700	44400	36200	31600	33900	38200	36700	37200	39700	38400	38800
6	44900	44400	44700	36800	32200	34400	39000	36900	37700	39900	38400	38900
7	44900	43800	44300	37400	32400	34900	39800	37100	38000	39500	38300	38600
8	44400	43800	44100	38100	33100	35500	39600	37400	38100	---	---	---
9	44500	43900	44200	38300	33200	35800	38700	37100	37800	---	---	---
10	44600	44000	44200	38800	33600	36400	37800	36100	37200	---	---	---
11	44400	44000	44200	39800	34400	37400	37500	35100	36400	---	---	---
12	44400	43800	44200	39700	35600	37900	37900	35000	36900	---	---	---
13	44400	43900	44300	---	---	---	37900	36400	37300	41900	41200	41600
14	44500	43900	44300	39100	36700	37900	37800	36200	37200	41600	40200	41000
15	44600	44200	44400	39100	37000	38200	37300	36200	36900	41500	40800	41100
16	44500	44200	44400	38900	37700	38200	37100	35800	36700	41700	41000	41300
17	44500	44200	44400	38400	37800	38100	37000	35800	36600	42000	41500	41600
18	44800	44300	44500	38400	38000	38200	37200	35700	36500	42000	40500	41600
19	---	---	---	38600	37900	38200	36900	35900	36500	42000	39700	40500
20	44800	44000	44500	38500	37800	38300	36900	35900	36500	42400	39400	40900
21	44600	43800	44300	38300	36400	37600	37000	35900	36500	43300	40400	41700
22	44600	43200	44000	38000	36100	37200	37800	36400	36900	44000	41300	42600
23	44500	42800	43500	39300	36400	37400	39300	36800	37700	44700	42100	43200
24	43900	42800	43300	39800	36500	37700	40600	37200	38500	45600	42600	43700
25	43700	41700	42900	39100	36800	37800	41200	37600	39200	45700	43000	44000
26	---	40600	---	---	---	---	42100	37100	39300	45500	43100	44000
27	42700	40300	41700	---	---	---	41000	36800	39000	44900	43200	44000
28	42400	39400	41200	40600	35400	37500	40000	36700	38500	45900	43400	44600
29	---	---	---	40700	34900	37700	39300	36900	38100	46200	45100	45400
30	---	---	---	40200	---	---	39400	37000	38100	46300	44500	45500
31	---	---	---	39400	---	---	---	---	---	46600	45700	46000
MONTH	44900	39400	43900	41500	30100	37200	42100	35000	37400	46600	37600	41700

1 U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #4, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	46700	45900	46200	42300	36600	39600	46600	44700	45500	42000	31400	37600
2	46700	46000	46300	42300	37700	40000	47400	45200	46200	42900	32000	38100
3	46800	44400	46000	42500	37600	40300	47200	45500	46300	43600	34000	39100
4	46700	43500	45100	---	---	---	47400	44900	46200	43400	35100	39400
5	47000	43900	46700	---	---	---	47900	44800	46000	43700	35300	39800
6	47200	45200	46600	---	---	---	48300	45500	46700	45000	36800	40800
7	47100	45400	46600	---	---	---	48400	44000	46500	45000	39100	42000
8	45900	33500	41000	---	---	---	48900	45300	46900	44400	40200	42300
9	42400	35700	39000	---	---	---	---	46500	---	44300	41000	42600
10	42800	37600	39900	---	---	---	48900	47100	47800	44300	41400	42800
11	43400	38600	40500	---	---	---	48800	47600	48000	44100	41700	42800
12	43500	39800	41200	---	---	---	48600	47700	48200	44000	42000	43000
13	44200	40600	42000	46000	44100	45000	48500	45000	47500	43900	35200	41400
14	44100	40400	42400	45700	42300	45000	47400	45200	46200	41400	28700	36600
15	44300	41700	42900	45800	44300	45300	47100	45100	46200	40500	26300	34400
16	44800	42300	43500	45900	45300	45600	47200	45400	46500	39700	25700	34300
17	44800	42600	43700	46200	45500	45900	47200	46200	46200	40200	28200	35400
18	44700	42200	43500	46300	45700	46100	47200	46400	46900	41000	29800	36200
19	43900	41800	42900	46800	46000	46400	47100	46500	46800	41000	31300	36800
20	42800	39100	41200	46900	44200	46300	47100	46000	46800	41300	32200	37500
21	44900	36100	41000	---	---	---	47100	46600	46900	41900	34600	38600
22	42800	29100	39100	---	---	---	47400	46800	47000	41900	35800	39400
23	41600	34700	38300	---	---	---	47300	---	---	42000	37100	39800
24	41600	35900	38500	---	---	---	46400	46000	46200	41800	37700	40000
25	41500	36700	38800	---	---	---	47200	44200	45900	41300	35500	38800
26	40900	29100	38300	---	---	---	45600	45100	45400	39600	32300	36400
27	40600	35100	37800	---	---	---	45500	41000	44400	39200	30600	35100
28	40700	35600	38000	---	---	---	45600	39800	42600	39100	30600	35400
29	41100	35800	38400	---	---	---	45600	40600	43000	39100	31700	35900
30	41300	36100	38700	45300	44000	44800	44900	32300	39500	39700	32500	36600
31	---	---	---	45900	44300	45100	42800	31500	38200	---	---	---
MONTH	47200	29100	41800	46900	36600	44300	48900	31500	45700	45000	25700	38600
YEAR	51500	25700	43700									

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:32 By ceoberst
APPROVED
DD #7, DCP

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.6	7.3	7.4	7.8	7.5	7.6	7.7	7.3	7.5	7.9	7.6	7.8
2	7.6	7.3	7.4	7.7	7.4	7.5	7.7	7.3	7.5	---	---	---
3	7.6	7.3	7.5	7.7	7.3	7.5	7.7	7.4	7.6	7.9	7.7	7.8
4	7.6	7.3	7.5	7.7	7.3	7.5	7.7	7.4	7.6	7.9	7.7	7.8
5	---	---	---	7.7	7.4	7.6	7.7	7.4	7.6	7.9	7.8	7.8
6	7.6	7.3	7.5	7.7	7.4	7.6	7.7	7.5	7.6	7.9	7.8	7.8
7	7.6	7.3	7.6	7.7	7.4	7.6	7.7	7.5	7.6	7.9	7.7	7.8
8	7.7	7.4	7.6	7.7	7.4	7.6	7.7	7.5	7.6	---	---	---
9	7.7	7.5	7.6	7.7	7.5	7.6	7.6	7.4	7.5	7.9	7.7	7.8
10	---	---	---	7.7	7.5	7.6	7.7	7.4	7.5	7.9	7.7	7.8
11	7.7	7.4	7.6	7.7	7.4	7.6	7.6	7.3	7.4	8.0	7.7	7.8
12	7.7	7.4	7.6	7.7	7.4	7.6	7.6	7.3	7.4	8.0	7.7	7.8
13	7.7	7.4	7.5	7.7	7.4	7.6	7.6	7.3	7.4	8.0	7.7	7.9
14	7.6	7.3	7.4	7.7	7.4	7.5	7.6	7.3	7.4	8.0	7.7	7.8
15	7.6	7.3	7.5	7.7	7.4	7.6	7.5	7.3	7.4	8.0	7.6	7.8
16	7.6	7.3	7.5	7.7	7.5	7.6	7.6	7.3	7.4	8.0	7.7	7.9
17	7.6	7.3	7.5	7.7	7.5	7.6	---	---	---	8.0	7.8	7.9
18	7.6	7.4	7.6	7.7	7.5	7.6	7.6	7.4	7.5	8.0	7.8	7.9
19	7.6	7.4	7.6	7.7	7.5	7.6	7.6	7.5	7.6	8.1	7.8	8.0
20	7.6	7.4	7.6	7.7	7.5	7.6	7.7	7.5	7.6	8.1	7.8	8.0
21	7.6	7.4	7.6	7.7	7.5	7.6	7.7	7.6	7.6	8.1	7.8	7.9
22	7.6	7.4	7.5	7.7	7.5	7.6	7.8	7.6	7.6	8.1	7.7	7.9
23	7.6	7.4	7.5	7.7	7.5	7.6	7.8	7.6	7.7	8.1	7.7	7.9
24	7.6	7.4	7.5	7.7	7.4	7.6	7.8	7.6	7.7	8.0	7.5	7.8
25	7.6	7.3	7.5	7.7	7.4	7.6	7.8	7.6	7.7	8.0	7.5	7.8
26	7.7	7.4	7.5	7.7	7.4	7.5	7.8	7.6	7.7	8.0	7.5	7.8
27	7.8	7.5	7.6	7.7	7.4	7.5	7.9	7.6	7.7	8.0	7.5	7.7
28	7.8	7.5	7.6	7.7	7.3	7.5	7.9	7.6	7.7	7.9	7.4	7.6
29	7.8	7.5	7.6	7.7	7.4	7.5	8.0	7.6	7.7	7.8	7.4	7.6
30	7.8	7.6	7.7	7.7	7.3	7.5	7.9	7.6	7.8	7.8	7.4	7.6
31	7.8	7.5	7.6	---	---	---	7.9	7.6	7.8	---	---	---
MAX	7.8	7.6	7.7	7.8	7.5	7.6	8.0	7.6	7.8	8.1	7.8	8.0
MIN	7.6	7.3	7.4	7.7	7.3	7.5	7.5	7.3	7.4	7.8	7.4	7.6

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:32 By ceoberst
APPROVED
DD #7, DCP
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.7	7.3	7.6	7.9	7.6	7.7	---	---	---	7.4	7.2	7.3
2	7.7	7.4	7.6	7.8	7.6	7.7	---	---	---	7.4	7.2	7.3
3	7.7	7.5	7.6	7.8	7.4	7.6	7.5	7.2	7.3	7.5	7.2	7.3
4	7.7	7.5	7.6	---	---	---	7.5	7.2	7.4	7.5	7.2	7.3
5	7.8	7.6	7.7	7.8	7.5	7.6	7.6	7.3	7.4	7.5	7.2	7.3
6	7.8	7.6	7.7	7.8	7.5	7.6	7.6	7.3	7.4	7.6	7.2	7.3
7	7.8	7.5	7.6	7.8	7.5	7.7	7.6	7.3	7.5	7.5	7.2	7.3
8	7.8	7.5	7.6	7.9	7.5	7.7	7.6	7.3	7.5	---	---	---
9	7.8	7.5	7.7	7.9	7.5	7.7	7.7	7.3	7.5	---	---	---
10	7.8	7.5	7.6	7.9	7.4	7.6	7.6	7.2	7.4	---	---	---
11	7.8	7.4	7.6	7.9	7.4	7.7	7.6	7.2	7.4	---	---	---
12	7.8	7.5	7.6	7.9	7.4	7.6	7.6	7.2	7.4	---	---	---
13	7.8	7.5	7.6	---	---	---	7.6	7.2	7.4	7.6	7.2	7.4
14	7.8	7.5	7.7	---	---	---	7.6	7.2	7.4	7.7	7.2	7.4
15	7.8	7.6	7.7	---	---	---	7.6	7.2	7.4	7.6	7.2	7.4
16	7.8	7.6	7.7	---	---	---	7.6	7.2	7.5	7.6	7.2	7.4
17	7.8	7.6	7.7	---	---	---	7.6	7.2	7.5	7.6	7.2	7.4
18	7.8	7.6	7.7	7.8	7.3	7.6	7.7	7.2	7.5	7.6	7.2	7.3
19	---	---	---	---	7.3	---	7.7	7.3	7.5	7.7	7.2	7.4
20	7.9	7.7	7.8	---	---	---	7.7	7.3	7.5	7.6	7.2	7.4
21	7.9	7.6	7.7	7.8	7.3	7.5	7.7	7.2	7.4	7.6	7.3	7.5
22	7.9	7.6	7.7	7.7	7.3	7.5	7.7	7.2	7.4	7.7	7.3	7.5
23	7.9	7.5	7.7	7.8	7.4	7.5	7.7	7.2	7.4	7.7	7.3	7.5
24	7.9	7.5	7.7	7.8	7.4	7.5	7.8	7.2	7.4	7.7	7.3	7.5
25	7.9	7.5	7.6	7.8	---	---	7.6	7.2	7.4	7.6	7.3	7.4
26	---	---	---	7.6	---	---	7.6	7.2	7.4	7.6	7.2	7.4
27	---	---	---	---	---	---	7.5	7.2	7.4	7.6	7.2	7.4
28	7.8	7.5	7.7	7.7	7.3	7.5	7.4	7.2	7.3	7.6	7.2	7.4
29	---	---	---	7.6	7.2	7.4	7.4	7.2	7.3	7.6	7.3	7.4
30	---	---	---	---	---	---	7.4	7.2	7.3	7.6	7.2	7.4
31	---	---	---	---	---	---	---	---	---	7.5	7.2	7.4
MAX	7.9	7.7	7.8	7.9	7.6	7.7	7.8	7.3	7.5	7.7	7.3	7.5
MIN	7.7	7.3	7.6	7.6	7.2	7.4	7.4	7.2	7.3	7.4	7.2	7.3

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:32 By ceoberst
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DD #7, DCP
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.5	7.2	7.4	7.5	7.0	7.3	---	---	---	7.7	7.3	7.5
2	7.5	7.2	7.4	7.6	7.0	7.3	---	---	---	7.8	7.3	7.5
3	7.6	7.2	7.5	7.8	7.1	7.5	---	---	---	7.8	7.2	7.5
4	7.6	7.2	7.4	---	---	---	---	---	---	7.8	7.3	7.5
5	7.6	7.2	7.4	---	---	---	---	---	---	7.7	7.2	7.4
6	7.7	7.3	7.5	---	---	---	---	---	---	7.9	7.3	7.6
7	7.7	7.2	7.4	---	---	---	---	---	---	7.8	7.5	7.6
8	7.6	7.1	7.4	---	---	---	---	---	---	7.8	7.5	7.7
9	7.6	7.1	7.3	---	---	---	---	---	---	7.8	7.5	7.7
10	7.5	7.1	7.3	---	---	---	7.6	7.2	7.4	7.8	7.6	7.7
11	7.6	7.1	7.3	---	---	---	7.5	7.2	7.4	7.8	7.6	7.7
12	7.7	7.1	7.3	---	---	---	7.4	7.1	7.4	7.8	7.5	7.7
13	7.7	7.2	7.4	7.5	7.2	7.3	7.4	7.1	7.3	7.8	7.5	7.6
14	7.6	7.2	7.4	7.5	7.1	7.3	7.4	7.1	7.3	7.8	7.3	7.6
15	7.6	7.1	7.4	7.5	7.1	7.3	7.5	7.1	7.4	7.8	7.2	7.5
16	7.6	7.1	7.4	7.5	7.1	7.3	7.6	7.2	7.4	7.7	7.2	7.4
17	7.5	7.1	7.3	7.6	7.1	7.3	7.6	7.3	7.4	7.7	7.2	7.4
18	7.5	7.1	7.2	7.6	7.1	7.4	---	---	---	7.7	7.2	7.4
19	7.4	7.1	7.2	7.6	7.2	7.4	7.6	7.2	7.4	7.7	7.2	7.3
20	7.4	7.1	7.2	7.6	7.2	7.4	7.6	7.2	7.3	7.8	7.2	7.5
21	7.6	7.1	7.3	---	---	---	7.6	7.2	7.3	7.8	7.3	7.5
22	7.4	7.1	7.3	---	---	---	7.6	7.2	7.3	7.8	7.3	7.5
23	7.5	7.1	7.3	---	---	---	---	---	---	7.8	7.4	7.6
24	7.5	7.1	7.3	---	---	---	7.6	7.2	7.4	7.8	7.4	7.6
25	7.5	7.0	7.3	---	---	---	7.6	7.2	7.4	7.8	7.4	7.6
26	7.4	7.1	7.2	---	---	---	7.6	7.2	7.4	7.8	7.4	7.6
27	7.4	7.0	7.2	---	---	---	7.6	7.3	7.4	7.8	7.3	7.6
28	7.4	7.0	7.2	---	---	---	7.6	7.3	7.5	7.9	7.3	7.6
29	7.4	7.0	7.2	---	---	---	7.6	7.3	7.4	7.9	7.4	7.6
30	7.5	7.0	7.2	---	---	---	7.7	7.3	7.4	7.9	7.4	7.6
31	---	---	---	---	---	---	7.7	7.3	7.5	---	---	---
MAX	7.7	7.3	7.5	7.8	7.2	7.5	7.7	7.3	7.5	7.9	7.6	7.7
MIN	7.4	7.0	7.2	7.5	7.0	7.3	7.4	7.1	7.3	7.7	7.2	7.3

YEAR			
	MAX	MAXIMUM 8.1	MINIMUM 7.4
	MIN	MAXIMUM 7.8	MINIMUM 7.0
	MEDIAN	MAXIMUM 8.0	MINIMUM 7.2

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.0	20.1	20.5	19.6	17.5	18.3	21.4	20.4	20.8	11.5	9.9	10.8
2	21.4	19.8	20.5	21.0	18.6	19.6	21.2	20.3	20.8	11.3	---	---
3	22.4	20.2	21.1	22.1	19.4	20.6	20.6	19.8	20.2	9.9	7.9	8.6
4	23.5	21.0	21.9	22.3	20.3	21.2	20.0	18.8	19.6	8.8	7.0	7.9
5	---	21.9	---	21.1	20.0	20.6	20.9	19.0	20.0	9.0	6.7	8.0
6	25.5	23.4	24.3	20.0	18.7	19.3	20.7	19.7	20.2	10.2	8.2	9.0
7	24.7	23.4	24.1	19.6	17.9	18.8	21.0	19.6	20.4	9.5	8.8	9.2
8	23.6	22.4	23.0	19.4	17.6	18.7	20.7	19.9	20.4	---	7.9	---
9	22.9	21.7	22.2	19.1	17.9	18.7	21.1	20.2	20.7	8.9	7.5	8.3
10	---	21.5	---	18.9	17.5	18.4	20.9	19.7	20.2	9.7	8.3	9.0
11	23.2	22.1	22.6	18.6	17.1	18.0	19.9	18.6	19.2	10.8	9.4	10.1
12	23.0	22.1	22.6	18.2	17.0	17.7	19.2	18.4	18.7	12.7	10.1	11.0
13	23.6	22.4	22.9	17.6	16.6	17.0	19.6	18.6	19.0	12.1	10.5	11.4
14	23.7	22.6	23.1	17.1	16.4	16.7	21.4	19.2	19.8	11.5	10.8	11.1
15	23.3	21.8	22.6	17.2	16.2	16.7	21.6	19.8	20.3	12.3	10.8	11.3
16	22.8	21.4	22.1	18.0	16.5	17.0	20.2	19.6	19.8	12.4	10.9	11.4
17	21.4	19.8	20.8	18.2	16.6	17.2	---	19.4	---	12.8	11.0	11.6
18	20.2	19.1	19.7	18.4	16.9	17.5	20.1	19.3	19.8	13.1	11.4	12.0
19	21.2	18.8	19.8	19.1	17.2	17.9	19.3	18.4	18.8	15.0	12.1	13.0
20	22.3	19.8	20.7	19.3	17.8	18.4	18.5	17.4	17.8	14.9	13.2	13.8
21	23.1	20.7	21.6	18.8	17.9	18.3	17.7	16.0	16.6	14.6	13.1	13.9
22	24.0	21.9	22.7	18.5	17.5	18.0	16.9	14.8	16.0	14.8	13.3	13.9
23	24.8	22.6	23.6	18.8	18.0	18.4	16.9	15.4	16.3	16.2	13.6	14.8
24	25.2	23.3	24.1	19.8	18.2	18.9	16.8	15.8	16.3	17.2	14.5	15.7
25	24.8	23.9	24.4	20.0	18.8	19.3	16.1	13.7	15.0	17.1	15.3	16.1
26	24.6	21.7	22.7	20.5	19.1	19.8	15.0	11.6	13.4	16.3	14.8	15.2
27	21.7	18.6	20.3	20.6	19.4	20.0	13.4	10.7	11.8	15.7	14.6	15.1
28	19.1	16.3	17.9	21.0	19.4	20.0	12.9	10.5	11.5	18.4	14.8	15.8
29	17.5	15.5	16.4	20.9	19.7	20.1	12.8	10.8	12.0	19.6	15.3	16.4
30	16.5	15.2	15.8	21.7	20.0	20.4	12.6	11.5	12.1	19.4	15.9	17.1
31	17.7	15.4	16.6	---	---	---	12.3	10.8	11.4	---	---	---
MONTH	25.5	15.2	21.4	22.3	16.2	18.7	21.6	10.5	17.6	19.6	6.7	12.2

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	20.4	17.6	18.8	13.4	10.6	12.0	23.9	---	---	26.9	24.4	25.1
2	19.8	18.1	19.1	14.7	12.5	13.2	---	---	---	27.5	24.8	25.6
3	18.5	17.3	17.8	15.8	13.4	14.6	24.6	22.0	23.0	28.0	25.2	26.2
4	17.8	16.1	16.8	14.2	---	---	23.3	22.2	22.9	28.6	25.7	26.8
5	16.1	13.2	14.3	13.2	11.1	12.3	22.2	21.0	21.7	27.1	25.8	26.3
6	14.1	12.3	13.2	14.0	11.1	12.6	21.7	20.0	20.8	26.6	24.8	25.7
7	13.8	13.3	13.7	14.5	12.5	13.4	20.8	19.3	20.2	26.9	25.1	26.0
8	13.5	12.2	13.0	16.4	13.5	14.8	21.2	19.5	20.4	---	---	---
9	13.6	12.5	13.1	18.0	14.5	16.3	22.7	20.4	21.2	---	---	---
10	14.9	13.4	13.9	18.0	15.5	16.9	22.0	21.2	21.4	---	---	---
11	15.2	13.8	14.4	17.6	15.3	16.3	21.3	20.8	21.0	---	---	---
12	15.0	13.8	14.2	17.6	15.7	16.4	23.6	20.6	21.5	30.0	---	---
13	13.9	13.3	13.6	---	---	---	22.8	21.3	21.9	29.1	26.7	27.4
14	14.6	12.9	13.6	21.1	16.6	17.8	25.0	21.5	22.5	27.8	26.0	26.7
15	14.4	13.1	13.7	21.5	17.3	18.6	26.5	22.3	23.5	27.4	25.1	26.0
16	15.3	13.6	14.2	22.1	18.2	19.5	26.6	23.1	24.3	27.5	24.7	25.6
17	15.1	13.7	14.2	23.5	19.2	20.6	27.6	23.7	25.0	27.4	25.1	25.9
18	14.2	13.0	13.6	23.1	19.8	21.1	27.8	24.3	25.6	26.4	25.1	25.7
19	---	---	---	24.3	20.1	21.7	27.6	24.6	25.9	25.5	21.9	23.3
20	15.7	13.5	14.3	24.1	20.5	22.2	27.6	25.1	26.1	22.3	19.6	21.3
21	16.4	14.5	15.4	22.7	21.0	22.0	27.7	25.1	26.2	22.4	20.1	21.3
22	15.8	14.9	15.4	21.0	20.0	20.5	27.2	25.0	25.9	21.9	20.2	20.9
23	15.8	14.5	14.8	20.0	18.1	19.1	27.0	24.3	24.8	21.9	20.1	20.9
24	14.6	13.1	13.9	19.8	17.6	18.9	25.6	23.5	24.3	24.6	21.0	22.1
25	14.6	13.0	13.8	20.6	18.5	19.5	25.9	23.7	24.5	28.2	22.0	23.3
26	15.8	---	---	22.9	---	---	25.6	23.7	24.4	27.2	22.9	24.2
27	15.5	11.9	14.1	22.4	---	---	25.2	23.5	24.0	26.8	23.8	24.8
28	13.9	10.7	12.2	21.0	19.7	20.3	26.6	23.9	24.8	27.9	24.5	25.6
29	---	---	---	24.5	19.6	20.7	26.5	24.3	25.0	28.2	25.0	26.0
30	---	---	---	---	---	---	26.0	24.1	24.8	29.1	25.6	26.7
31	---	---	---	---	---	---	---	---	---	30.2	26.4	27.7
MONTH	20.4	10.7	14.6	24.5	10.6	17.7	27.8	19.3	23.5	30.2	19.6	24.9

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.0	27.1	28.2	31.3	28.5	29.5	31.7	30.2	30.8	28.5	26.9	27.8
2	30.4	27.5	28.5	31.3	29.0	29.8	31.3	30.0	30.6	28.2	27.4	27.8
3	30.6	27.8	29.0	31.2	29.4	30.1	30.8	29.7	30.1	28.2	27.2	27.7
4	29.6	28.4	29.1	---	---	---	29.9	29.0	29.5	28.4	27.3	27.8
5	29.7	28.6	29.1	---	---	---	30.1	28.6	29.4	29.6	27.7	28.3
6	29.8	28.5	29.1	---	---	---	30.2	28.9	29.7	30.6	28.1	28.8
7	29.7	28.5	28.9	---	---	---	30.3	28.5	29.5	28.6	27.6	28.3
8	28.7	25.8	27.3	---	---	---	29.1	27.6	28.4	29.7	27.2	28.1
9	27.0	25.6	26.3	---	---	---	---	27.1	---	30.2	27.7	28.6
10	26.7	25.9	26.3	---	---	---	29.8	26.9	27.8	30.4	28.0	28.9
11	28.0	26.0	26.8	---	---	---	30.4	27.3	28.3	30.6	27.8	28.9
12	29.7	26.6	27.7	30.2	---	---	31.1	27.8	28.8	31.1	28.5	29.5
13	31.9	27.4	28.7	31.3	28.8	29.6	28.8	28.0	28.4	29.8	27.4	28.7
14	31.4	28.1	29.2	31.4	28.7	29.7	29.3	27.5	28.2	28.3	26.7	27.7
15	31.5	28.4	29.3	32.2	29.0	30.1	31.5	28.2	29.3	28.4	26.8	27.7
16	31.2	28.1	29.0	33.0	29.7	30.8	31.9	29.4	30.3	28.7	26.9	27.9
17	30.4	28.4	29.1	33.0	30.5	31.5	31.1	29.9	30.5	29.0	27.9	28.4
18	29.1	28.0	28.5	32.8	31.0	31.9	31.4	---	---	29.3	28.1	28.6
19	28.0	26.9	27.6	32.9	31.3	32.0	31.6	30.0	30.5	30.0	28.4	28.8
20	27.9	26.8	27.5	32.8	30.4	31.6	30.5	29.5	30.0	29.9	28.0	28.5
21	27.7	25.4	26.6	---	---	---	31.1	29.4	30.0	29.6	27.8	28.5
22	25.8	25.0	25.4	---	---	---	31.6	29.7	30.3	29.3	28.0	28.5
23	27.1	25.3	25.9	---	---	---	---	29.7	---	29.9	28.0	28.7
24	28.6	26.0	26.8	---	---	---	31.6	29.8	30.5	28.6	27.8	28.3
25	30.1	26.5	27.5	---	---	---	32.1	29.9	30.6	27.9	27.3	27.6
26	28.2	27.2	27.6	---	---	---	30.2	29.5	29.8	28.8	27.0	27.8
27	29.6	27.0	27.8	---	---	---	29.6	28.8	29.1	29.6	27.5	28.3
28	30.7	27.6	28.5	---	---	---	29.8	27.8	28.9	30.2	28.1	28.8
29	30.1	27.9	28.6	---	---	---	29.9	28.6	29.2	29.6	28.5	29.0
30	30.9	28.1	29.0	32.7	30.2	31.0	29.2	27.7	28.4	29.0	28.0	28.5
31	---	---	---	32.7	30.2	31.0	28.6	27.1	28.0	---	---	---
MONTH	31.9	25.0	28.0	33.0	28.5	30.7	32.1	26.9	29.5	31.1	26.7	28.4
YEAR	33.0	6.7	22.0									

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #6, DCP
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.3	4.1	5.3	7.1	5.3	6.5	6.6	4.1	5.5	7.4	6.2	7.0
2	6.3	4.1	5.3	6.9	4.7	6.2	6.3	3.9	5.5	---	---	---
3	6.7	3.8	5.4	6.8	4.1	6.1	6.7	4.3	5.9	7.6	6.4	7.2
4	7.0	3.9	5.3	6.9	4.3	6.2	7.2	5.0	6.3	8.0	6.9	7.6
5	---	---	---	7.0	4.9	6.3	7.5	5.2	6.7	8.2	7.4	7.8
6	6.5	4.0	5.0	7.4	5.1	6.5	7.2	5.9	6.7	7.9	7.4	7.7
7	8.2	3.7	5.5	7.5	5.6	6.8	6.9	5.5	6.3	8.0	6.9	7.6
8	---	---	---	7.4	5.7	6.7	6.3	4.5	5.5	---	---	---
9	---	---	---	7.3	5.6	6.7	5.7	3.7	4.9	10.0	8.7	9.4
10	---	---	---	7.2	5.6	6.4	5.7	4.1	4.9	10.1	8.6	9.3
11	8.5	4.2	5.8	6.9	4.5	6.0	5.6	3.8	4.6	10.1	8.5	9.3
12	6.6	3.6	5.4	7.0	4.7	6.1	5.4	3.8	4.6	10.0	8.1	9.3
13	6.0	3.2	4.9	7.1	4.9	6.4	5.3	3.9	4.6	10.3	7.7	9.1
14	5.4	2.4	4.5	7.1	4.7	6.3	5.1	3.5	4.5	9.9	7.9	9.1
15	5.6	2.1	4.4	7.3	5.2	6.6	5.1	3.3	4.5	10.0	7.7	9.0
16	5.8	2.8	4.4	7.3	5.6	6.8	5.7	4.1	5.1	10.6	7.9	9.5
17	6.0	2.9	4.8	7.4	5.8	6.8	---	---	---	11.1	8.7	10.2
18	6.5	3.9	5.4	7.6	5.8	6.9	6.3	4.7	5.8	11.1	9.3	10.4
19	6.8	4.0	5.8	7.6	6.1	7.0	6.7	5.4	6.1	11.1	9.2	10.3
20	6.8	4.3	5.8	7.5	5.4	7.0	6.7	5.8	6.3	10.9	9.0	10
21	6.5	4.3	5.7	7.8	6.6	7.2	7.2	6.1	6.5	10.8	8.3	9.4
22	6.1	4.2	5.4	7.9	6.1	7.3	7.0	6.1	6.6	10.2	7.8	9.1
23	6.0	3.6	5.2	7.8	5.9	6.9	7.0	5.8	6.5	10.1	7.5	8.9
24	5.7	3.7	4.9	7.7	5.1	6.5	7.0	5.8	6.5	9.7	6.5	8.4
25	5.8	3.2	4.7	7.7	4.8	6.3	7.0	5.7	6.4	9.3	6.2	7.9
26	6.8	3.7	5.2	7.7	4.3	6.2	7.0	5.6	6.4	8.8	6.2	7.6
27	6.6	4.9	5.6	7.5	4.5	6.1	7.3	6.0	6.6	8.3	5.8	7.3
28	7.0	5.2	6.0	7.4	4.0	6.0	7.4	6.0	6.8	7.9	5.0	7.0
29	7.1	5.4	6.2	7.1	4.5	5.9	7.3	5.8	6.7	7.6	5.0	6.9
30	7.0	5.3	6.3	6.8	4.2	5.8	7.3	5.8	6.8	7.3	4.8	6.6
31	7.2	5.0	6.4	---	---	---	7.2	6.2	6.8	---	---	---
MONTH	8.5	2.1	5.4	7.9	4.0	6.5	7.5	3.3	5.9	11.1	4.8	8.5

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #6, DCP
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.4	4.3	6.5	10.6	8.5	9.8	---	---	---	4.0	2.0	3.1
2	7.7	4.8	6.7	9.8	8.7	9.5	---	---	---	3.9	1.9	3.1
3	8.1	6.0	7.2	9.7	7.7	8.7	5.9	4.0	5.0	4.2	2.2	3.3
4	8.0	6.1	7.4	---	---	---	6.1	3.8	5.3	4.2	1.8	3.2
5	9.0	7.4	8.2	10.1	8.7	9.5	6.7	4.5	5.8	3.9	1.5	2.9
6	9.1	7.7	8.5	10.4	9.1	9.9	7.0	5.0	6.0	3.7	1.6	2.8
7	9.0	7.2	8.2	10.5	9.2	9.9	7.1	4.6	6.1	3.6	1.4	2.5
8	9.3	7.2	8.3	10.7	8.6	9.8	7.2	4.7	6.3	---	---	---
9	9.3	7.4	8.5	11.0	8.1	9.5	7.5	4.7	6.3	---	---	---
10	9.1	7.0	8.3	10.5	7.5	9.0	6.5	3.9	5.4	---	---	---
11	9.2	6.2	8.1	9.8	7.2	8.9	6.3	3.1	5.2	---	---	---
12	9.4	7.2	8.5	9.3	7.0	8.3	6.8	3.6	5.5	---	---	---
13	9.1	7.4	8.5	---	---	---	6.5	3.5	5.4	1.4	0.7	1.0
14	9.5	7.3	8.8	---	---	---	7.2	3.5	5.3	1.6	0.3	0.9
15	9.5	8.2	9.1	---	---	---	7.9	3.2	5.5	1.4	0.5	0.8
16	9.5	8.2	9.0	---	---	---	8.0	3.6	5.7	8.4	0.5	2.4
17	9.6	8.1	9.1	---	---	---	8.1	3.3	5.8	5.1	2.2	4.1
18	---	---	---	8.5	5.6	7.5	8.1	3.4	5.7	4.9	2.4	3.4
19	---	---	---	8.8	5.7	7.6	8.3	3.5	5.7	4.6	2.4	3.7
20	10.3	8.9	9.6	8.4	5.6	7.3	7.3	3.6	5.5	5.3	2.8	4.4
21	10.1	7.8	9.2	8.1	5.0	6.6	6.4	2.7	5.0	5.3	3.1	4.5
22	9.8	7.6	8.8	7.6	3.8	5.9	7.1	2.5	4.8	5.5	3.7	4.6
23	9.5	6.8	8.3	8.7	6.0	7.2	6.6	2.3	4.7	5.3	3.3	4.6
24	9.3	7.0	8.4	8.8	6.5	7.7	7.0	3.2	5.1	5.0	3.1	4.1
25	9.3	7.2	8.5	---	---	---	6.5	3.2	4.8	4.7	2.5	3.8
26	---	---	---	---	---	---	6.2	1.7	4.6	4.8	1.9	3.4
27	---	---	---	---	---	---	5.5	2.9	4.3	4.2	1.8	3.2
28	10.1	8.2	9.4	7.3	4.9	6.1	5.1	2.0	3.7	6.4	1.8	4.2
29	---	---	---	6.6	4.4	5.6	4.7	1.8	3.5	6.3	3.4	5.0
30	---	---	---	---	---	---	4.5	1.6	3.5	6.3	3.3	4.9
31	---	---	---	---	---	---	---	---	---	5.6	2.8	4.6
MONTH	10.3	4.3	8.4	11.0	3.8	8.2	8.3	1.6	5.2	8.4	0.3	3.4

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #6, DCP
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.6	2.9	4.3	5.1	0.7	2.4	---	---	---	4.6	3.2	3.9
2	5.7	2.6	4.6	3.3	0.6	2.0	---	---	---	4.8	2.9	3.9
3	6.3	3.2	5.1	8.1	0.6	3.9	---	---	---	4.8	2.6	3.8
4	6.0	2.9	4.5	---	---	---	---	---	---	4.7	2.8	3.7
5	6.0	2.4	4.3	---	---	---	---	---	---	4.3	2.8	3.6
6	6.7	2.9	4.9	---	---	---	---	---	---	4.1	2.0	3.1
7	6.8	2.5	4.7	---	---	---	---	---	---	4.3	3.0	3.7
8	6.1	3.1	4.5	---	---	---	---	---	---	4.9	3.2	4.1
9	6.4	3.3	4.8	---	---	---	---	---	---	5.0	3.1	4.1
10	6.5	3.4	4.8	---	---	---	9.5	6.5	8.0	5.1	3.2	4.1
11	8.0	3.2	5.1	---	---	---	7.6	3.3	5.4	5.1	3.2	4.1
12	9.9	3.3	5.3	---	---	---	4.1	1.5	3.1	4.8	3.2	4.0
13	8.9	2.7	5.2	5.3	2.0	4.0	3.5	1.3	2.6	4.3	2.8	3.4
14	6.6	2.3	4.7	5.0	1.6	3.8	4.2	1.2	2.6	4.1	2.3	3.3
15	7.2	1.8	4.7	5.0	1.8	3.8	4.1	2.3	3.2	4.3	2.3	3.3
16	6.5	2.0	4.7	5.3	2.3	3.9	4.7	2.8	3.8	4.2	2.3	3.2
17	5.4	1.5	4.0	5.6	2.1	3.9	---	---	---	4.2	1.9	3.0
18	4.5	1.1	2.7	6.0	2.0	4.2	---	---	---	3.9	1.8	2.7
19	3.8	0.3	2.4	6.9	2.2	4.6	4.5	2.0	3.2	3.7	1.9	2.6
20	4.7	0.4	2.6	---	---	---	3.9	2.2	3.0	4.1	1.8	2.9
21	4.9	1.2	2.9	---	---	---	3.2	0.6	2.3	4.1	2.5	3.3
22	6.5	2.6	4.7	---	---	---	4.9	0.3	2.9	4.0	2.4	3.3
23	6.1	2.6	4.1	---	---	---	---	---	---	4.2	2.5	3.4
24	5.2	2.1	3.6	---	---	---	4.6	2.6	3.5	3.9	2.6	3.3
25	4.9	0.8	3.1	---	---	---	4.4	2.5	3.7	4.6	2.8	3.6
26	3.9	1.0	2.5	---	---	---	4.0	2.5	3.5	5.3	1.7	3.5
27	3.6	0.8	2.3	---	---	---	4.0	2.4	3.3	4.5	1.9	3.6
28	3.2	0.3	2.1	---	---	---	4.4	2.7	3.6	4.0	2.2	3.1
29	4.2	0.3	2.1	---	---	---	4.1	3.0	3.6	4.3	1.9	3.1
30	4.2	1.4	2.9	---	---	---	4.6	3.1	3.8	4.5	2.5	3.5
31	---	---	---	---	---	---	4.6	3.2	3.8	---	---	---
MONTH	9.9	0.3	3.9	8.1	0.6	3.6	9.5	0.3	3.6	5.3	1.7	3.5
YEAR	11.1	0.3	5.6									

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #8, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20	5.4	8.7	22	3.9	7.4	35	5.5	8.2	48	3.7	6.7
2	23	5.4	10	19	5.0	7.3	30	5.3	9.9	---	---	---
3	110	7.0	16	19	3.7	7.8	38	5.6	15	40	4.6	11
4	200	10	23	20	4.4	8.4	40	7.4	14	19	3.8	7.8
5	---	---	---	22	4.6	8.0	50	5.3	10	12	2.5	4.9
6	16	5.3	8.7	16	4.4	7.8	18	4.4	6.4	20	3.5	5.3
7	23	4.6	9.6	13	3.6	6.5	13	4.1	6.5	19	3.0	5.3
8	24	6.4	10	15	2.9	6.1	12	4.2	5.9	---	---	---
9	23	6.7	9.4	10	2.9	5.3	13	4.2	6.3	6.3	<2.0	2.6
10	---	---	---	18	3.0	5.7	20	5.0	7.7	5.0	<2.0	2.5
11	20	4.5	8.4	20	3.4	6.7	30	4.4	7.3	8.0	<2.0	2.9
12	24	5.3	8.8	39	4.3	11	37	3.2	8.0	12	<2.0	3.7
13	44	5.7	13	51	5.9	12	36	4.6	9.1	14	3.1	6.1
14	55	8.0	15	63	4.9	14	37	4.9	9.6	34	2.5	5.8
15	57	7.4	13	66	7.5	14	26	5.1	9.8	20	2.9	6.2
16	62	7.2	16	68	6.6	14	28	4.4	8.3	12	2.0	4.2
17	110	8.3	24	45	5.6	9.8	---	---	---	12	<2.0	3.9
18	79	6.2	18	25	3.2	7.8	14	5.3	7.6	14	<2.0	4.8
19	65	4.7	14	18	3.0	7.3	11	4.5	6.1	24	2.2	4.7
20	32	<2.0	10	9.5	3.9	6.3	8.4	3.8	5.4	8.7	2.4	4.3
21	21	2.1	8.3	7.5	3.7	5.2	7.4	3.3	4.8	8.7	2.1	3.4
22	14	5.3	7.8	6.1	3.1	4.5	6.7	3.3	4.6	12	<2.0	3.8
23	9.2	<2.0	6.5	7.9	2.7	4.7	14	3.0	4.2	8.4	<2.0	3.4
24	11	2.4	6.6	7.9	2.9	5.0	8.6	3.6	4.9	10	<2.0	3.5
25	11	3.4	6.7	8.1	2.7	4.6	6.7	2.9	4.0	9.2	<2.0	4.2
26	15	3.2	7.2	7.9	3.1	5.0	15	3.1	4.8	29	2.7	6.2
27	20	4.7	7.8	12	3.1	5.9	12	2.8	4.9	42	2.6	7.0
28	12	5.6	7.6	23	4.1	6.4	18	2.6	4.4	58	2.7	7.9
29	19	4.4	7.8	22	4.2	7.5	31	2.6	6.2	60	3.3	13
30	20	5.3	7.2	52	4.3	9.4	28	3.7	5.9	60	5.1	15
31	23	4.9	7.3	---	---	---	29	3.7	7.1	---	---	---
MAX	200	10	24	68	7.5	14	50	7.4	15	60	5.1	15
MIN	9.2	<2.0	6.5	6.1	2.7	4.5	6.7	2.6	4.0	5.0	<2.0	2.5

< Actual value is known to be less than the value shown

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #8, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	50	4.2	11	---	---	---	---	---	---	16	3.6	8.8
2	58	3.9	12	100	8.4	22	---	---	---	16	4.1	8.1
3	24	3.7	8.1	52	8.3	20	25	3.6	8.7	15	3.0	7.3
4	14	2.8	7.1	---	---	---	18	3.1	7.8	14	3.2	6.9
5	19	2.5	6.4	16	4.2	7.6	11	3.8	6.8	27	2.8	9.5
6	28	2.4	5.4	14	2.7	5.7	9.7	3.9	6.6	39	3.2	7.4
7	16	2.4	5.9	11	2.9	4.5	11	3.6	5.9	31	3.7	13
8	16	2.0	4.7	12	2.6	4.6	35	2.9	7.3	---	---	---
9	18	<2.0	5.4	10	<2.0	4.2	49	4.4	7.6	---	---	---
10	16	2.1	4.5	11	2.1	4.2	15	4.5	8.9	---	---	---
11	10	<2.0	4.4	17	2.4	4.8	24	4.5	10	---	---	---
12	14	<2.0	4.8	23	2.4	6.8	28	5.5	10	---	---	---
13	13	<2.0	4.3	---	---	---	24	3.4	8.3	27	4.9	9.2
14	18	<2.0	4.6	---	---	---	27	4.5	9.6	31	5.4	13
15	12	2.1	5.2	---	---	---	21	3.8	8.1	24	4.7	11
16	14	<2.0	4.1	---	---	---	15	4.5	8.9	20	5.1	10
17	9.8	<2.0	4.0	---	---	---	16	5.0	9.0	26	4.6	9.1
18	8.0	2.0	3.4	20	2.9	7.7	21	4.0	7.9	33	5.4	10
19	---	---	---	15	2.0	6.5	24	3.1	7.3	33	4.5	11
20	5.2	<2.0	3.1	---	---	---	21	3.5	6.4	29	5.2	10
21	7.8	<2.0	2.9	---	---	---	14	<2.0	6.8	22	3.3	9.4
22	7.6	<2.0	3.0	14	3.8	7.1	17	2.2	8.2	310	5.0	10
23	8.7	<2.0	3.4	20	3.6	5.9	180	3.2	9.4	65	4.2	13
24	23	2.0	4.1	27	2.3	6.1	41	5.9	13	52	5.4	12
25	---	---	---	25	3.8	9.7	61	7.1	13	62	6.9	13
26	---	---	---	---	---	---	57	8.2	16	40	7.0	13
27	---	---	---	---	---	---	57	7.0	18	39	4.7	14
28	110	5.4	25	400	6.1	24	50	5.7	15	34	5.1	12
29	---	---	---	98	8.5	24	40	7.9	14	29	5.7	11
30	---	---	---	---	---	---	25	5.5	12	20	6.1	10
31	---	---	---	---	---	---	---	---	---	18	4.8	8.9
MAX	110	5.4	25	400	8.5	24	180	8.2	18	310	7.0	14
MIN	5.2	<2.0	2.9	10	<2.0	4.2	9.7	<2.0	5.9	14	2.8	6.9

< Actual value is known to be less than the value shown

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 191
LATITUDE 312712 LONGITUDE 0812146 NAD83 DATUM
Date Processed: 2003-03-13 15:05 By ceoberst
APPROVED
DD #8, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	16	4.8	8.6	110	5.0	14	20	4.0	8.5	78	7.2	16
2	12	3.9	7.6	860	8.5	16	15	3.9	7.5	37	9.6	15
3	34	4.2	7.4	---	---	---	16	5.1	8.3	37	10	16
4	14	4.5	7.2	---	---	---	28	5.8	8.6	110	10	17
5	14	5.0	6.7	---	---	---	20	5.6	9.6	56	8.6	18
6	18	5.3	8.4	---	---	---	29	6.9	9.8	60	10	18
7	18	5.6	8.2	---	---	---	44	7.3	13	85	10	22
8	61	6.3	19	---	---	---	46	7.7	14	78	12	24
9	33	6.3	12	---	---	---	---	---	---	54	11	20
10	26	4.2	11	---	---	---	39	7.6	16	39	9.1	19
11	26	2.5	9.3	---	---	---	36	6.8	15	30	6.3	15
12	23	3.1	8.7	---	---	---	32	5.9	14	19	4.7	12
13	30	2.5	12	750	6.7	16	33	6.1	13	31	5.1	13
14	160	2.2	12	34	7.5	14	27	7.6	14	23	7.5	15
15	37	<2.0	7.5	21	8.2	14	30	6.4	12	26	5.7	14
16	30	<2.0	9.3	24	7.0	13	21	5.8	11	21	6.5	11
17	1100	7.1	31	22	6.0	12	19	5.9	12	20	5.1	7.4
18	350	2.4	12	32	6.5	14	---	---	---	17	4.3	7.6
19	400	2.6	110	28	6.4	12	22	7.6	11	21	5.3	8.5
20	360	2.0	2.9	28	7.3	11	19	5.3	10	32	7.2	11
21	210	<2.0	12	---	---	---	24	5.9	10	18	5.1	8.8
22	59	8.7	21	---	---	---	18	5.6	10	17	5.7	8.7
23	46	7.3	14	---	---	---	---	---	---	18	5.3	8.2
24	33	7.9	12	---	---	---	16	5.7	9.6	15	4.7	8.6
25	39	6.4	13	---	---	---	16	5.3	9.7	17	4.7	8.7
26	66	6.6	14	---	---	---	17	6.7	10	34	5.3	12
27	41	6.2	15	---	---	---	24	5.2	11	16	4.6	9.2
28	35	7.8	13	---	---	---	32	6.2	13	12	4.5	7.4
29	22	6.4	12	---	---	---	29	6.7	13	12	4.6	7.0
30	28	7.7	12	14	3.7	7.7	110	8.1	25	17	4.7	7.8
31	---	---	---	16	4.2	7.8	31	10	19	---	---	---
MAX	1100	8.7	110	860	8.5	16	110	10	25	110	12	24
MIN	12	<2.0	2.9	14	3.7	7.7	15	3.9	7.5	12	4.3	7.0

YEAR MAX MAXIMUM 1100 MINIMUM 5.0
MIN MAXIMUM 12 MINIMUM <2.0
MEDIAN MAXIMUM 110 MINIMUM 2.5

< Actual value is known to be less than the value shown

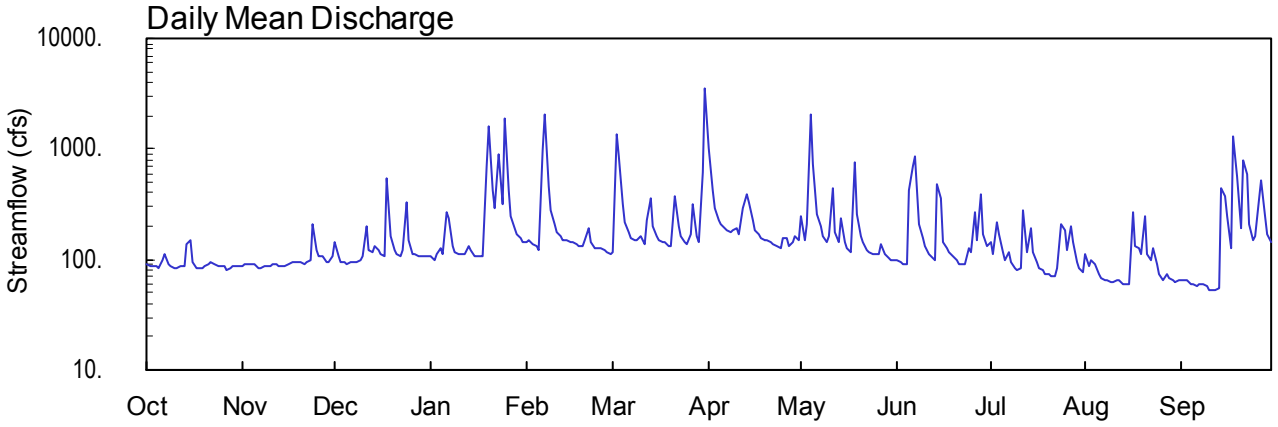
ALTAMAHA RIVER BASIN

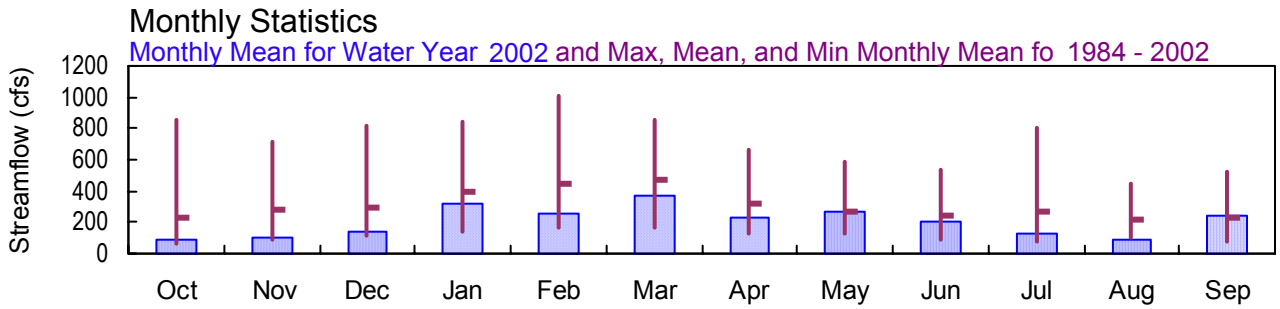
2002 Water Year

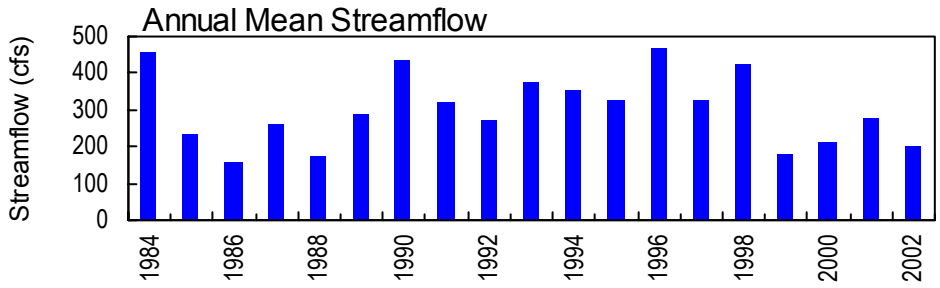
02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA

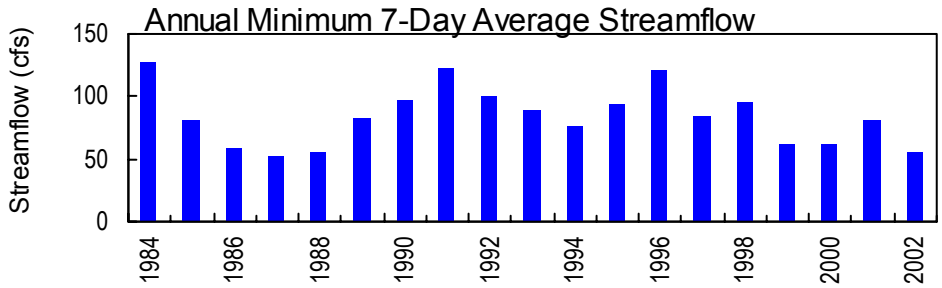
Latitude: 33°37'47" Longitude: 84°07'43" Hydrologic Unit Code: 03070103 De Kalb County

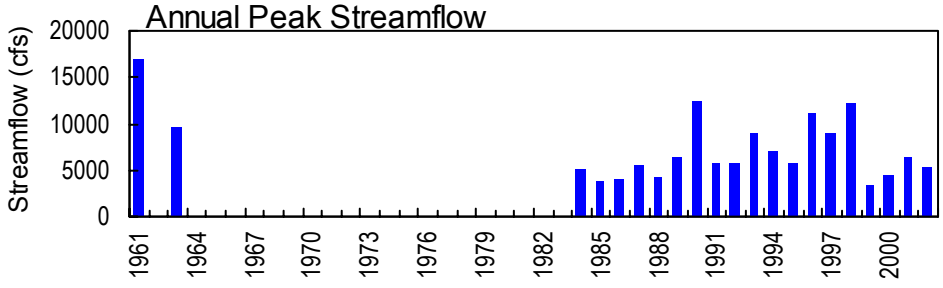
Drainage Area: 182. mi^2 Datum: 660.90 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA

LOCATION.—Lat 33°37'47", long 84°07'43" referenced to North American Datum (NAD) of 1927, DeKalb-Rockdale County line, Hydrologic Unit 03070103, at downstream end of pier of bridge on Klondike Road, 1.1 miles south of GA 212, 1.2 miles downstream from Pole Bridge Creek, 5.8 miles southwest of Lithonia, and 8.6 miles downstream from Snapfinger Creek.

DRAINAGE AREA.—182 mi^2.

COOPERATION.—Georgia Environmental Protection Division.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1983 to current year.

GAGE.—Satellite telemetry with a water-stage recorder, continuous water-quality monitor, and crest-stage gage. Datum of gage is 660.90 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels from DeKalb County benchmark).

REMARKS.—Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of April 30, 1963 reached a stage of 11.80 feet, discharge 9,630 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 4,000 ft^3/s and the maximum (*).

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 20	0100	4,080	8.90
Feb. 7	0115	4,560	9.20
Mar. 31	0630	5,310*	9.64*
May 4	1845	4,220	8.99

02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1983 to current year.

GAGE.—Satellite telemetry with a water-stage recorder, continuous water-quality monitor, and crest-stage gage. Datum of gage is 660.90 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels from DeKalb County benchmark).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.64 feet, March 31; minimum gage-height recorded, 4.77 feet, September 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 5, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182* DATUM 660.90 NGVD29
Date Processed: 2003-03-11 08:35 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92	86	142	105	144	115	e1000	247	97	146	113	66
2	88	90	106	100	148	1330	417	151	95	114	87	66
3	88	92	96	110	135	862	291	207	92	216	99	65
4	86	91	94	124	131	317	231	2020	89	172	91	61
5	85	90	92	110	123	214	207	738	e420	118	73	60
6	97	85	94	264	981	176	192	257	687	98	68	58
7	112	85	96	233	2030	159	181	196	867	116	65	59
8	90	88	96	134	456	150	176	161	207	96	64	59
9	88	86	97	115	276	149	181	143	158	84	62	57
10	83	86	108	113	212	165	189	165	130	81	62	53
11	84	92	201	113	178	138	166	433	112	84	65	52
12	87	91	121	110	160	228	289	176	106	283	65	52
13	88	88	117	130	151	359	387	146	100	116	61	55
14	140	86	130	119	147	198	324	234	484	189	61	441
15	149	87	121	109	143	160	228	e146	354	116	61	372
16	93	91	111	106	142	150	184	125	141	93	265	251
17	85	93	106	106	140	146	168	118	125	84	133	126
18	83	95	e540	106	133	142	159	769	116	80	127	1280
19	83	95	162	699	132	134	152	259	107	75	113	555
20	88	94	120	1600	147	133	149	163	97	73	242	195
21	90	92	110	419	189	368	146	143	92	72	110	806
22	93	96	106	296	142	200	139	123	90	72	97	599
23	91	100	120	891	128	160	134	116	91	85	129	212
24	87	212	328	319	125	143	129	113	128	210	89	e150
25	88	123	148	1880	124	138	157	112	118	185	73	160
26	86	109	113	420	120	166	159	111	268	121	66	356
27	81	106	110	249	116	316	131	137	150	202	75	527
28	83	96	108	192	113	163	141	110	383	143	67	245
29	87	94	109	167	---	144	160	101	169	95	64	172
30	87	107	106	154	---	615	149	99	131	82	62	145
31	86	---	106	146	---	e3600	---	100	---	76	64	---
TOTAL	2848	2926	4214	9739	7166	11438	6716	8119	6204	3777	2873	7355
MEAN	91.9	97.5	136	314	256	369	224	262	207	122	92.7	245
MAX	149	212	540	1880	2030	3600	1000	2020	867	283	265	1280
MIN	81	85	92	100	113	115	129	99	89	72	61	52
CFSM	0.50	0.54	0.75	1.73	1.41	2.03	1.23	1.44	1.14	0.67	0.51	1.35
IN.	0.58	0.60	0.86	1.99	1.46	2.34	1.37	1.66	1.27	0.77	0.59	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2002, BY WATER YEAR (WY)

MEAN	230	277	290	394	445	469	316	262	248	274	217	236
MAX	852	712	817	840	1010	852	666	582	532	804	447	520
(WY)	1996	1993	1984	1990	1990	1990	1998	1984	2001	1994	1984	1992
MIN	68.0	95.0	112	144	170	165	127	124	84.4	77.9	101	82.9
(WY)	1988	2002	1989	1986	1986	1988	1986	1988	1988	1988	1988	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1984 - 2002	
ANNUAL TOTAL	95146		0			
ANNUAL MEAN	261		0.000		308	
HIGHEST ANNUAL MEAN					470	1996
LOWEST ANNUAL MEAN					159	1986
HIGHEST DAILY MEAN	4170	Mar 15	1920	Feb 7	9870	Mar 17 1990
LOWEST DAILY MEAN	79	Oct 27	79	Oct 27	48	Jul 20 1988
ANNUAL SEVEN-DAY MINIMUM	83	Oct 26	83	Oct 26	53	Sep 23 1987
MAXIMUM PEAK FLOW			5310	Mar 31	12500	Mar 17 1990
MAXIMUM PEAK STAGE			9.64	Mar 31	13.03	Mar 17 1990
ANNUAL RUNOFF (CFSM)	1.43		0.000		1.69	
ANNUAL RUNOFF (INCHES)	19.45		0.00		22.97	
10 PERCENT EXCEEDS	542		308		530	
50 PERCENT EXCEEDS	145		118		177	
90 PERCENT EXCEEDS	86		85		96	

e Estimated

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182* DATUM 660.90 NGVD29
Date Processed: 2003-03-11 08:35 By acday
APPROVED
DD #4, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.05	5.02	5.22	5.10	5.23	5.13	---	5.42	5.04	5.20	5.10	4.89
2	5.03	5.04	5.10	5.08	5.24	6.49	5.71	5.19	5.03	5.10	4.99	4.89
3	5.03	5.05	5.06	5.12	5.20	6.28	5.51	5.29	5.02	5.37	5.04	4.89
4	5.02	5.04	5.05	5.17	5.19	5.60	5.39	7.23	5.00	5.28	5.01	4.87
5	5.01	5.04	5.05	5.11	5.16	5.41	5.34	6.10	---	5.11	4.93	4.86
6	5.06	5.02	5.05	5.44	6.12	5.32	5.30	5.47	6.06	5.04	4.90	4.85
7	5.12	5.02	5.06	5.44	7.28	5.28	5.27	5.34	6.23	5.11	4.89	4.85
8	5.04	5.03	5.06	5.20	5.81	5.25	5.26	5.25	5.36	5.03	4.88	4.85
9	5.03	5.02	5.07	5.14	5.54	5.25	5.28	5.20	5.24	4.98	4.87	4.84
10	5.01	5.02	5.11	5.13	5.41	5.29	5.29	5.26	5.16	4.97	4.87	4.82
11	5.01	5.05	5.38	5.13	5.33	5.21	5.24	5.72	5.09	4.98	4.88	4.81
12	5.02	5.04	5.16	5.12	5.28	5.40	5.44	5.29	5.07	5.49	4.88	4.81
13	5.03	5.03	5.14	5.19	5.25	5.67	5.65	5.21	5.05	5.11	4.87	4.83
14	5.20	5.02	5.19	5.15	5.24	5.38	5.56	5.42	5.75	5.32	4.86	5.68
15	5.24	5.03	5.16	5.11	5.23	5.28	5.38	---	5.61	5.11	4.87	5.65
16	5.05	5.04	5.12	5.10	5.22	5.25	5.28	5.14	5.19	5.02	5.39	5.43
17	5.01	5.05	5.10	5.10	5.22	5.24	5.24	5.12	5.14	4.98	5.16	5.14
18	5.01	5.06	---	5.10	5.20	5.22	5.21	6.05	5.11	4.96	5.15	6.59
19	5.01	5.06	5.28	5.77	5.19	5.20	5.20	5.46	5.07	4.94	5.10	5.85
20	5.03	5.05	5.15	6.89	5.23	5.20	5.19	5.26	5.04	4.93	5.41	5.30
21	5.04	5.05	5.12	5.75	5.35	5.65	5.18	5.20	5.02	4.92	5.08	6.10
22	5.05	5.06	5.10	5.56	5.23	5.38	5.16	5.13	5.01	4.93	5.04	5.92
23	5.04	5.08	5.14	6.29	5.18	5.28	5.14	5.11	5.01	4.98	5.15	5.34
24	5.03	5.40	5.61	5.61	5.17	5.23	5.12	5.10	5.15	5.37	5.00	---
25	5.03	5.16	5.24	7.18	5.17	5.21	5.20	5.09	5.11	5.31	4.93	5.19
26	5.02	5.11	5.13	5.76	5.15	5.27	5.21	5.09	5.47	5.12	4.89	5.60
27	5.00	5.10	5.12	5.49	5.14	5.58	5.13	5.18	5.22	5.35	4.94	5.85
28	5.01	5.06	5.11	5.36	5.13	5.29	5.16	5.09	5.63	5.20	4.90	5.41
29	5.02	5.05	5.11	5.30	---	5.23	5.22	5.05	5.27	5.03	4.88	5.24
30	5.02	5.10	5.10	5.26	---	5.84	5.18	5.04	5.16	4.97	4.87	5.16
31	5.02	---	5.10	5.24	---	---	---	5.05	---	4.94	4.88	---
MEAN	5.04	5.06	---	5.43	5.36	---	---	---	---	5.10	4.99	---
MAX	5.24	5.40	---	7.18	7.28	---	---	---	---	5.49	5.41	---
MIN	5.00	5.02	---	5.08	5.13	---	---	---	---	4.92	4.86	---

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182* DATUM 660.90 NGVD29
Date Processed: 2003-03-11 08:35 By acday
APPROVED
DD #8, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.02	0.01	0.00
2	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	0.00	0.09	0.00	0.00
3	0.00	0.00	0.00	0.00	0.05	0.22	0.00	0.65	0.00	0.05	0.00	0.00
4	0.10	0.00	0.00	0.06	0.01	0.00	0.01	0.28	1.21	0.01	0.00	0.00
5	0.01	0.01	0.00	0.08	0.00	0.00	0.00	0.09	0.73	0.01	0.00	0.40
6	0.34	0.00	0.00	0.48	2.26	0.00	0.00	0.02	0.26	0.00	0.00	0.00
7	0.00	0.00	0.00	0.01	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.06	0.27	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.55	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
11	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.13	0.00	0.00
12	0.00	0.00	0.00	0.23	0.00	0.46	0.42	0.00	0.00	0.03	0.00	0.00
13	0.00	0.00	0.09	0.00	0.00	0.03	0.47	0.32	0.18	0.36	0.00	1.39
14	0.59	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.45	0.01	0.17	0.47
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.85
16	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.33	0.00
17	0.00	0.00	0.79	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.07	0.00
18	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.30	0.00	0.00	0.18	0.88
19	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.32	0.45	0.00	0.00	0.00	0.00	0.01	0.12
21	0.00	0.00	0.00	0.16	0.00	0.39	0.00	0.01	0.00	0.00	0.00	0.41
22	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.01	0.00	---	0.00
23	0.00	0.78	0.55	0.05	0.00	0.00	0.00	0.00	0.04	0.03	0.00	0.00
24	0.00	0.09	0.00	1.03	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
25	0.25	0.02	0.00	0.10	0.01	0.00	0.20	0.00	0.10	0.00	0.00	0.44
26	0.00	0.19	0.00	0.00	0.00	0.27	0.00	0.40	0.07	0.43	0.00	0.70
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.00	0.43
28	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.01	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.07	0.00	0.00	0.00	0.00	0.00
30	0.00	0.19	0.00	0.01	---	2.40	0.49	0.00	0.00	0.01	0.01	0.00
31	0.00	---	0.00	0.00	---	---	---	0.00	---	0.06	0.01	---
TOTAL	1.29	1.28	2.00	4.60	2.86	---	2.06	2.23	3.09	1.33	---	6.09

ALTAMAHA RIVER BASIN
2002 Water Year

02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA

LOCATION.—Lat 33°37'47", long 84°07'43" referenced to North American Datum (NAD) of 1927, DeKalb-Rockdale County line, Hydrologic Unit 03070103, at downstream end of pier of bridge on Klondike Road, 1.1 miles south of GA 212, 1.2 miles downstream from Pole Bridge Creek, 5.8 miles southwest of Lithonia, and 8.6 miles downstream from Snapfinger Creek.

DRAINAGE AREA.--182 mi^2.

COOPERATION.—Georgia Environmental Protection Division.

PERIOD OF RECORD.—July 1975 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: December 1999 to current year.
pH: March 2001 to current year.
WATER TEMPERATURE: November 1983 to current year.
DISSOLVED OXYGEN: November 1983 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good, except for dissolved oxygen, which is fair.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum recorded, 496 microsiemens, August 16, 2002; minimum recorded, 49 microsiemens, March 31, 2002.
pH: Maximum recorded, 8.1 units, July 18, 2001; minimum recorded, 6.4 units, September 18, 2002.
WATER TEMPERATURE: Maximum recorded, 30.5 °C, July 25, 1995; minimum recorded, 0.5 °C, January 21, 1985.
DISSOLVED OXYGEN: Maximum recorded, 13.2 mg/L, January 8, 1988; minimum recorded, 0.1 mg/L, March 30, 2002.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 496 microsiemens, August 16; minimum, 49 microsiemens, March 31.
pH: Maximum, 7.9 units, March 25, April 24, June 4; minimum, 6.4 units, September 18.
WATER TEMPERATURE: Maximum, 28.6 °C, July 29, 30; minimum, 4.7 °C, January 5.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L, March 1; minimum recorded, 0.1 mg/L, March 1.

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	374	326	355	380	343	361	373	245	292	329	286	312
2	374	341	355	364	340	355	345	275	304	325	282	306
3	357	329	342	374	345	360	362	325	347	321	286	302
4	---	---	---	390	357	374	361	302	329	312	260	293
5	---	---	---	393	359	380	331	304	320	321	257	288
6	---	---	---	394	362	380	351	306	332	330	191	289
7	---	---	---	367	346	356	359	313	338	229	191	214
8	---	---	---	369	350	359	353	320	339	273	228	255
9	---	---	---	370	356	365	362	329	349	296	273	282
10	---	---	---	391	369	382	362	318	345	310	289	302
11	---	---	---	413	370	388	331	196	245	307	295	303
12	---	---	---	418	367	395	285	195	239	320	307	314
13	---	---	---	395	362	377	307	278	291	337	295	319
14	---	---	---	383	340	362	334	288	310	326	267	294
15	---	---	---	375	346	358	307	266	287	314	283	293
16	---	---	---	381	364	374	334	280	307	297	284	291
17	340	302	319	387	367	376	339	303	317	306	294	299
18	351	331	343	405	372	382	267	112	145	341	299	318
19	363	348	355	405	356	383	253	138	204	332	72	276
20	383	363	371	396	332	358	298	232	261	130	70	96
21	395	376	387	371	343	353	320	274	299	160	130	150
22	394	333	369	391	368	379	323	285	312	169	134	154
23	387	334	354	393	359	380	342	300	327	163	88	115
24	364	345	356	375	197	262	300	144	189	165	120	145
25	366	347	357	293	206	253	245	160	216	163	68	97
26	371	347	359	354	272	302	286	223	254	137	104	125
27	377	349	366	355	295	317	293	243	267	188	137	177
28	398	369	382	334	302	318	306	264	287	229	171	214
29	410	364	391	352	330	343	318	268	293	249	203	229
30	395	355	375	370	338	355	338	292	317	261	229	250
31	374	345	360	---	---	---	338	282	309	273	247	262
MONTH	410	302	361	418	197	356	373	112	289	341	68	244

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	270	235	256	271	259	267	95	68	80	263	182	208
2	264	239	255	272	65	181	123	95	108	251	183	225
3	294	242	272	123	71	96	135	123	130	269	241	253
4	285	246	271	151	123	139	---	---	---	241	65	111
5	276	248	260	184	151	171	---	---	---	143	71	110
6	265	63	209	201	167	194	---	---	---	172	143	159
7	109	62	82	226	188	210	---	---	---	201	171	190
8	146	109	131	227	207	219	---	---	---	240	192	219
9	172	146	161	238	224	230	234	210	226	245	227	238
10	203	162	194	270	202	234	221	205	215	257	197	239
11	221	183	207	255	199	232	244	206	232	240	98	140
12	213	193	205	249	185	227	246	152	231	222	160	207
13	232	209	222	185	139	159	162	135	146	249	202	235
14	243	219	233	202	149	180	179	157	165	255	169	204
15	243	223	234	239	182	215	205	168	196	245	181	222
16	253	227	239	246	214	235	222	202	213	262	238	250
17	261	229	250	257	219	245	245	207	230	278	262	268
18	260	228	246	266	225	250	260	220	242	279	83	174
19	263	224	247	256	227	240	271	242	257	167	115	143
20	253	224	240	259	236	250	281	249	266	223	167	208
21	230	181	203	259	137	199	297	255	281	231	207	222
22	242	199	221	200	157	176	296	259	278	252	221	235
23	258	228	248	238	181	220	290	271	277	259	240	249
24	283	235	258	268	215	245	296	---	288	268	254	260
25	281	243	264	274	236	260	296	270	284	268	253	262
26	272	241	247	271	227	254	284	227	249	273	257	267
27	260	236	249	254	144	168	290	254	272	279	212	248
28	266	251	261	237	162	210	317	276	296	258	217	237
29	---	---	---	253	222	239	318	267	294	253	232	243
30	---	---	---	257	92	209	284	236	247	268	240	253
31	---	---	---	92	49	62	---	---	---	269	247	258
MONTH	294	62	227	274	49	207	318	68	228	279	65	217

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	271	259	264	300	215	266	364	276	310	435	412	426
2	272	255	265	292	226	256	333	263	294	464	429	451
3	271	251	263	314	142	225	346	284	319	413	395	422
4	268	240	251	234	128	199	330	244	278	417	384	407
5	240	114	162	313	223	262	368	314	337	399	380	389
6	175	88	122	330	289	310	383	362	374	435	387	416
7	141	66	92	350	267	318	391	374	383	446	421	436
8	197	141	170	320	239	272	412	391	403	434	421	430
9	251	189	227	341	308	322	414	402	409	488	430	465
10	276	234	256	362	331	345	418	408	413	491	463	474
11	280	260	273	365	333	352	434	418	429	466	444	454
12	305	276	290	359	148	201	458	430	447	489	444	468
13	324	299	310	274	178	233	458	433	450	491	455	479
14	317	91	170	316	186	245	448	432	437	455	100	237
15	165	110	137	306	186	246	470	447	458	178	139	162
16	253	153	216	307	283	298	496	130	286	194	141	165
17	288	245	267	335	301	313	281	145	213	283	187	236
18	288	274	281	360	334	344	341	231	290	289	69	153
19	302	274	289	384	357	368	342	227	279	144	80	114
20	315	283	299	391	373	384	338	136	203	198	144	172
21	329	305	320	402	378	392	284	162	233	211	77	141
22	345	315	329	412	384	400	370	284	332	146	91	118
23	353	319	338	416	334	379	352	244	300	215	143	190
24	353	234	308	365	161	235	352	251	296	264	212	236
25	307	228	260	251	168	197	402	342	361	276	252	264
26	307	140	181	294	189	251	425	402	413	267	141	174
27	263	189	241	280	165	203	433	390	411	175	118	143
28	285	99	162	257	203	239	401	356	372	186	141	160
29	234	155	209	---	---	---	412	388	400	261	186	229
30	300	222	265	349	307	328	429	400	416	306	245	275
31	---	---	---	364	327	345	435	412	424	---	---	---
MONTH	353	66	241	416	128	291	496	130	354	491	69	296
YEAR	496	49	274									

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:30 By ceoberst
APPROVED
DD #7, DCP

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.6	7.4	7.4	7.6	7.4	7.5	7.5	7.4	7.4	7.6	7.5	7.6
2	7.7	7.4	7.5	7.6	7.3	7.5	7.5	7.4	7.5	7.6	7.6	7.6
3	7.7	7.4	7.5	7.6	7.4	7.4	7.5	7.5	7.5	7.7	7.6	7.6
4	---	---	---	7.5	7.4	7.4	7.6	7.5	7.5	7.6	7.6	7.6
5	---	---	---	7.6	7.4	7.5	7.6	7.5	7.5	7.6	7.5	7.6
6	---	---	---	7.6	7.4	7.5	7.6	7.5	7.5	7.6	7.4	7.5
7	---	---	---	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.4
8	---	---	---	7.6	7.4	7.5	7.6	7.4	7.5	7.5	7.4	7.5
9	---	---	---	7.6	7.4	7.5	7.6	7.5	7.5	7.6	7.5	7.5
10	---	---	---	7.6	7.4	7.4	7.5	7.5	7.5	7.6	7.5	7.5
11	---	---	---	7.6	7.3	7.4	7.6	7.4	7.4	7.5	7.5	7.5
12	---	---	---	7.6	7.4	7.5	7.4	7.4	7.4	7.6	7.5	7.5
13	---	---	---	7.6	7.4	7.5	7.5	7.4	7.5	7.6	7.6	7.6
14	---	---	---	7.6	7.5	7.5	7.4	7.4	7.4	7.6	7.5	7.6
15	---	---	---	7.6	7.4	7.5	7.5	7.4	7.4	7.6	7.5	7.6
16	---	---	---	7.5	7.4	7.5	7.5	7.4	7.5	7.6	7.5	7.6
17	7.6	7.4	7.5	7.5	7.4	7.4	7.5	7.4	7.4	7.6	7.5	7.5
18	7.7	7.5	7.5	7.5	7.4	7.4	7.5	7.0	7.2	7.7	7.5	7.6
19	7.7	7.5	7.6	7.5	7.4	7.4	7.4	7.2	7.4	7.6	6.8	7.6
20	7.8	7.5	7.6	7.5	7.4	7.4	7.4	7.4	7.4	7.2	6.8	7.0
21	7.8	7.5	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.2
22	7.8	7.4	7.5	7.5	7.4	7.5	7.5	7.4	7.4	7.3	7.2	7.3
23	7.8	7.4	7.5	7.5	7.4	7.4	7.5	7.4	7.5	7.3	7.0	7.2
24	7.8	7.4	7.5	7.4	7.0	7.3	7.5	7.3	7.3	7.2	7.2	7.2
25	7.7	7.4	7.5	7.2	6.9	7.0	7.4	7.3	7.4	7.2	6.9	7.0
26	7.6	7.5	7.5	7.5	7.2	7.2	7.5	7.4	7.5	7.2	7.0	7.1
27	7.6	7.4	7.5	7.5	7.4	7.4	7.6	7.5	7.5	7.3	7.2	7.3
28	7.6	7.4	7.5	7.5	7.4	7.4	7.6	7.5	7.5	7.4	7.3	7.3
29	7.6	7.4	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.4	7.3	7.4
30	7.7	7.4	7.5	7.5	7.4	7.5	7.6	7.5	7.6	7.4	7.4	7.4
31	7.7	7.4	7.5	---	---	---	7.6	7.5	7.5	7.4	7.3	7.4
MAX	7.8	7.5	7.6	7.6	7.5	7.5	7.6	7.5	7.6	7.7	7.6	7.6
MIN	7.6	7.4	7.4	7.2	6.9	7.0	7.4	7.0	7.2	7.2	6.8	7.0

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
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PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.4	7.3	7.4	7.6	7.5	7.6	7.1	6.9	7.0	7.6	7.4	7.4
2	7.4	7.4	7.4	7.6	7.0	7.5	7.2	7.1	7.2	7.5	7.4	7.4
3	7.4	7.4	7.4	7.2	7.0	7.1	7.3	7.2	7.2	7.5	7.4	7.4
4	7.5	7.4	7.4	7.3	7.2	7.2	---	---	---	7.5	6.8	7.0
5	7.5	7.4	7.4	7.3	7.3	7.3	---	---	---	7.2	6.8	7.1
6	7.5	7.0	7.4	7.4	7.3	7.4	---	---	---	7.3	7.2	7.2
7	7.2	7.0	7.0	7.5	7.4	7.5	---	---	---	7.3	7.3	7.3
8	7.2	7.2	7.2	7.5	7.4	7.5	---	---	---	7.3	7.3	7.3
9	7.3	7.2	7.2	7.5	7.4	7.5	7.5	7.4	7.4	7.4	7.3	7.3
10	7.3	7.3	7.3	7.6	7.5	7.5	7.5	7.4	7.4	7.5	7.3	7.4
11	7.4	7.3	7.3	7.6	7.4	7.5	7.5	7.4	7.5	7.4	7.0	7.1
12	7.4	7.3	7.4	7.6	7.5	7.5	7.5	7.3	7.5	7.4	7.2	7.3
13	7.4	7.4	7.4	7.5	7.3	7.4	7.3	7.2	7.2	7.4	7.3	7.4
14	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.3	7.5	7.4	7.4
15	7.4	7.3	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.3	7.4
16	7.4	7.3	7.4	7.5	7.4	7.4	7.3	7.3	7.3	7.3	7.3	7.3
17	7.5	7.4	7.4	7.5	7.4	7.4	7.4	7.3	7.4	7.4	7.3	7.4
18	7.5	7.4	7.4	7.5	7.4	7.4	7.4	7.4	7.4	7.4	6.9	7.1
19	7.5	7.4	7.4	7.6	7.3	7.4	7.5	7.4	7.4	7.2	7.0	7.2
20	7.5	7.4	7.4	7.8	7.5	7.6	7.5	7.4	7.4	7.3	7.2	7.3
21	7.5	7.3	7.4	7.6	7.3	7.5	7.6	7.4	7.5	7.4	7.3	7.3
22	7.5	7.3	7.4	7.6	7.3	7.5	7.5	7.4	7.5	7.4	7.3	7.3
23	7.5	7.4	7.4	7.7	7.5	7.6	7.6	7.5	7.5	7.4	7.3	7.4
24	7.6	7.4	7.5	7.8	7.5	7.6	7.9	7.5	7.6	7.4	7.3	7.4
25	7.6	7.4	7.5	7.9	7.5	7.6	7.8	7.5	7.6	7.5	7.3	7.4
26	7.6	7.3	7.4	7.7	7.5	7.6	7.6	7.4	7.5	7.4	7.3	7.4
27	7.7	7.5	7.6	7.6	7.4	7.4	7.6	7.5	7.5	7.5	7.4	7.4
28	7.6	7.5	7.6	7.6	7.4	7.5	7.7	7.5	7.6	7.6	7.3	7.4
29	---	---	---	7.7	7.4	7.5	7.7	7.5	7.6	7.6	7.3	7.4
30	---	---	---	7.5	7.0	7.5	7.6	7.4	7.4	7.6	7.3	7.4
31	---	---	---	7.0	6.7	6.7	---	---	---	7.6	7.3	7.4
MAX	7.7	7.5	7.6	7.9	7.5	7.6	7.9	7.5	7.6	7.6	7.4	7.4
MIN	7.2	7.0	7.0	7.0	6.7	6.7	7.1	6.9	7.0	7.2	6.8	7.0

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
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PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.6	7.2	7.3	7.3	7.2	7.2	7.4	7.2	7.3	7.4	7.3	7.4
2	7.5	7.2	7.3	7.3	7.2	7.3	7.5	7.2	7.3	7.5	7.3	7.4
3	7.6	7.2	7.3	7.4	7.0	7.1	7.4	7.2	7.3	7.6	7.4	7.5
4	7.9	7.3	7.5	7.2	7.0	7.2	7.3	7.1	7.2	7.6	7.4	7.5
5	7.8	7.0	7.0	7.3	7.2	7.2	7.5	7.2	7.3	7.6	7.4	7.5
6	7.2	6.9	7.0	7.4	7.2	7.2	7.6	7.3	7.4	7.6	7.4	7.4
7	7.1	6.7	6.9	7.4	7.3	7.3	7.6	7.4	7.4	7.6	7.4	7.5
8	7.2	7.1	7.2	7.5	7.2	7.3	7.6	7.4	7.5	7.6	7.4	7.5
9	7.3	7.2	7.3	7.5	7.3	7.4	7.6	7.3	7.5	7.7	7.5	7.5
10	7.3	7.3	7.3	7.6	7.3	7.4	7.7	7.4	7.5	7.8	7.6	7.6
11	7.4	7.3	7.3	7.6	7.3	7.4	7.7	7.4	7.5	7.8	7.6	7.7
12	7.5	7.3	7.4	7.5	7.1	7.2	7.6	7.4	7.5	7.8	7.6	7.6
13	7.6	7.4	7.4	7.3	7.2	7.2	7.6	7.4	7.4	7.7	7.5	7.6
14	7.6	6.8	6.9	7.4	7.2	7.3	7.7	7.4	7.5	7.6	6.8	7.0
15	7.2	7.0	7.1	7.3	7.2	7.2	7.7	7.5	7.6	7.1	7.0	7.1
16	7.3	7.1	7.2	7.4	7.2	7.3	7.6	6.9	7.1	7.1	7.1	7.1
17	7.4	7.3	7.3	7.5	7.3	7.4	7.2	6.9	7.1	7.2	7.0	7.2
18	7.5	7.4	7.4	7.6	7.3	7.4	7.4	7.2	7.3	7.2	6.4	6.7
19	7.5	7.4	7.4	7.6	7.3	7.4	7.4	7.2	7.3	6.9	6.6	6.8
20	7.5	7.3	7.4	7.6	7.3	7.4	7.4	6.9	7.0	7.1	6.9	7.0
21	7.6	7.3	7.4	7.6	7.3	7.4	7.1	7.0	7.1	7.2	6.7	6.9
22	7.6	7.4	7.5	7.7	7.4	7.4	7.3	7.1	7.1	7.0	6.7	6.9
23	7.6	7.3	7.5	7.7	7.4	7.5	7.3	7.1	7.2	7.2	7.0	7.2
24	7.6	7.4	7.5	7.5	6.9	7.2	7.2	7.1	7.1	7.3	7.2	7.3
25	7.5	7.3	7.4	7.2	7.0	7.1	7.2	7.1	7.2	7.4	7.3	7.3
26	7.4	7.0	7.1	7.2	7.1	7.1	7.3	7.2	7.2	7.5	7.2	7.3
27	7.4	7.2	7.3	7.2	7.0	7.1	7.4	7.3	7.3	7.3	7.2	7.2
28	7.4	6.8	7.0	7.2	7.0	7.1	7.4	7.3	7.3	7.2	7.2	7.2
29	7.2	7.1	7.2	7.3	7.0	7.1	7.4	7.3	7.3	7.3	7.2	7.3
30	7.2	7.2	7.2	7.4	7.2	7.3	7.4	7.3	7.3	7.4	7.3	7.3
31	---	---	---	7.4	7.2	7.3	7.4	7.3	7.3	---	---	---
MAX	7.9	7.4	7.5	7.7	7.4	7.5	7.7	7.5	7.6	7.8	7.6	7.7
MIN	7.1	6.7	6.9	7.2	6.9	7.1	7.1	6.9	7.0	6.9	6.4	6.7

YEAR			
	MAX	MAXIMUM 7.9	MINIMUM 6.9
	MIN	MAXIMUM 7.6	MINIMUM 6.4
	MEDIAN	MAXIMUM 7.7	MINIMUM 6.7

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
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DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.4	17.4	18.3	16.2	14.2	14.8	17.5	15.2	16.0	8.7	6.7	7.6
2	19.6	17.5	18.5	17.1	15.4	16.0	15.5	13.8	14.5	8.6	6.9	7.6
3	19.9	17.9	18.8	18.7	16.8	17.4	15.2	13.6	14.2	7.4	6.3	6.9
4	---	---	---	18.6	17.2	17.7	14.6	12.8	13.6	7.1	5.1	6.2
5	---	---	---	17.9	15.7	16.5	14.3	12.4	13.2	7.5	4.7	5.8
6	---	---	---	16.8	14.3	15.3	15.4	13.8	14.4	7.9	6.2	7.1
7	---	---	---	15.3	13.3	14.1	15.7	14.3	14.9	7.1	6.3	6.7
8	---	---	---	15.0	13.3	14.0	16.3	14.7	15.3	7.3	5.9	6.5
9	---	---	---	15.4	13.7	14.4	16.3	15.3	15.7	8.2	6.0	6.9
10	---	---	---	15.4	13.9	14.5	16.3	14.0	15.2	10.1	7.4	8.4
11	---	---	---	15.3	13.4	14.1	14.0	12.4	13.0	11.7	10.1	10.8
12	---	---	---	15.1	13.6	14.3	13.7	12.5	13.1	11.4	9.6	10.2
13	---	---	---	14.9	13.2	14.0	14.9	13.7	14.2	10.2	8.4	9.3
14	---	---	---	14.6	13.2	13.7	16.6	14.9	15.7	9.7	7.9	8.7
15	---	---	---	14.8	13.5	14.0	16.1	14.4	14.9	9.7	8.2	9.0
16	---	---	---	14.7	13.0	13.8	14.9	13.2	13.9	9.5	8.1	8.9
17	17.8	15.3	16.2	14.9	13.1	13.7	---	13.9	14.4	9.8	7.9	8.8
18	16.3	14.3	15.1	15.1	13.4	14.0	15.4	13.9	14.9	10.8	9.2	9.8
19	16.5	14.4	15.2	15.1	13.5	14.2	13.9	12.5	13.1	11.1	10.3	10.7
20	17.6	15.5	16.2	15.0	14.3	14.6	13.0	11.4	11.9	10.7	9.3	9.8
21	18.6	16.4	17.2	14.4	12.3	13.1	11.6	9.8	10.5	10.6	9.3	9.8
22	19.3	17.4	18.1	13.8	11.8	12.6	10.8	8.9	9.9	10.2	9.0	9.6
23	19.7	18.1	18.8	14.3	12.9	13.3	11.7	9.7	10.4	10.7	9.7	10.1
24	19.8	18.3	19.1	15.2	14.1	14.5	11.3	9.3	10.1	13.4	10.7	12.1
25	19.9	19.1	19.5	17.3	15.2	16.2	9.6	8.5	9.0	13.5	12.7	13.2
26	19.1	16.7	17.5	17.1	15.6	16.3	9.3	7.4	8.0	12.7	11.2	11.9
27	16.8	14.0	15.0	17.8	16.5	17.0	8.2	6.2	7.1	11.5	10.3	10.9
28	14.7	12.4	13.2	17.9	16.9	17.4	9.2	6.7	7.6	12.7	10.7	11.5
29	13.9	11.8	12.8	18.4	17.1	17.6	10.6	8.4	9.1	14.2	11.9	12.8
30	14.1	12.3	12.9	18.3	17.5	17.9	10.4	8.6	9.2	15.4	13.4	14.2
31	14.7	12.7	13.5	---	---	---	9.6	7.7	8.4	16.4	14.7	15.4
MONTH	19.9	11.8	16.4	18.7	11.8	15.0	17.5	6.2	12.4	16.4	4.7	9.6

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.4	15.6	16.0	9.5	7.0	8.2	17.7	15.9	16.9	19.5	17.4	18.3
2	15.6	13.1	13.9	9.6	7.6	8.5	18.2	16.0	17.1	22.8	18.9	20.5
3	13.1	11.3	11.7	9.3	8.1	8.9	19.5	17.0	18.1	22.6	21.2	21.8
4	11.4	10.1	10.7	8.9	7.3	8.1	---	---	---	21.2	16.9	19.0
5	10.6	8.9	9.5	9.1	6.3	7.6	---	---	---	18.5	17.0	17.5
6	9.4	5.9	8.0	10.8	7.7	8.9	---	---	---	20.1	17.6	18.7
7	7.4	5.9	6.6	12.2	8.9	10.4	---	---	---	21.3	18.8	19.9
8	8.8	7.1	7.9	13.4	10.5	11.8	---	---	---	23.0	20.0	21.4
9	10.2	8.0	9.0	15.0	12.8	13.7	17.5	17.0	17.2	24.0	21.1	22.4
10	13.0	9.7	11.3	14.8	12.9	13.7	18.4	17.0	17.5	23.5	21.6	22.4
11	12.7	11.5	12.1	13.5	11.1	12.3	18.2	17.5	17.9	22.4	21.6	21.9
12	11.7	9.8	10.6	13.2	12.2	12.5	17.9	17.3	17.5	22.4	21.0	21.6
13	11.1	9.7	10.3	13.3	12.0	12.5	17.9	17.1	17.4	22.8	21.2	21.9
14	11.4	9.4	10.4	15.8	12.7	14.0	19.4	17.6	18.4	21.9	19.5	20.5
15	11.7	9.6	10.6	16.9	14.1	15.3	20.7	18.5	19.5	21.3	18.1	19.6
16	12.8	10.7	11.5	17.8	15.9	16.7	21.5	19.0	20.2	21.7	18.3	19.8
17	12.4	10.8	11.6	19.7	16.9	18.1	22.8	19.8	21.2	22.5	19.4	20.8
18	11.8	9.8	10.8	20.0	18.2	19.0	23.5	---	21.9	22.5	20.0	21.0
19	11.5	9.1	10.3	19.6	18.1	18.8	23.6	20.8	22.1	20.6	18.7	19.6
20	12.2	10.5	11.2	19.3	17.7	18.6	23.8	21.3	22.5	19.7	17.3	18.5
21	13.4	11.3	12.3	18.9	17.4	18.0	24.2	21.6	22.8	18.8	16.5	17.6
22	12.9	11.5	12.1	17.4	14.0	15.7	23.8	21.4	22.1	19.2	16.1	17.5
23	12.6	10.6	11.5	14.6	11.8	13.1	21.5	19.1	20.3	20.0	16.5	18.1
24	12.7	10.1	11.3	15.4	11.7	13.3	21.5	---	20.1	20.9	17.3	18.9
25	13.3	10.4	11.7	17.1	13.6	15.1	21.6	19.4	20.4	21.9	18.6	20.1
26	13.5	11.6	12.5	17.3	16.1	16.6	20.3	18.1	18.7	22.2	19.9	21.0
27	12.8	9.4	10.4	17.3	15.5	16.3	18.1	17.0	17.5	23.5	20.5	21.9
28	9.4	7.2	8.3	16.8	14.0	15.4	20.7	17.3	18.7	23.7	21.2	22.4
29	---	---	---	17.3	14.1	15.6	22.9	19.5	20.9	23.9	21.3	22.5
30	---	---	---	17.7	16.3	16.9	21.6	18.3	19.4	23.8	21.5	22.4
31	---	---	---	17.3	16.5	16.4	---	---	---	24.9	21.8	23.2
MONTH	16.4	5.9	10.9	20.0	6.3	13.9	24.2	15.9	19.5	24.9	16.1	20.4

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
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DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.7	22.9	24.2	26.5	24.4	25.5	27.8	25.4	26.5	24.1	23.3	23.6
2	26.3	23.5	24.9	27.0	24.8	25.9	28.0	26.1	27.0	24.7	23.8	24.1
3	27.2	24.2	25.6	26.9	24.5	25.3	28.0	26.0	26.8	25.2	---	24.5
4	27.2	24.9	25.9	26.5	24.1	25.1	27.1	25.0	26.0	25.7	24.6	25.0
5	26.1	23.8	24.7	27.6	24.7	25.9	27.5	25.3	26.3	25.9	25.2	25.5
6	24.8	23.4	24.0	27.9	25.6	26.8	27.7	26.3	27.0	26.0	25.6	25.8
7	25.0	23.5	24.2	27.9	25.7	26.6	27.8	26.0	26.8	25.9	25.1	25.4
8	24.9	23.6	24.2	27.0	25.5	26.3	26.9	25.3	25.9	25.7	24.5	24.9
9	25.1	22.4	23.7	27.0	25.2	26.0	26.4	24.9	25.3	25.0	24.2	24.6
10	25.2	22.1	23.5	27.3	25.6	26.4	25.7	24.6	25.1	24.9	23.9	24.3
11	25.6	22.3	23.8	27.3	25.6	26.1	25.6	24.3	24.9	24.7	24.0	24.3
12	25.8	22.8	24.3	25.8	23.8	24.2	25.4	24.4	24.8	24.9	24.6	24.7
13	26.2	23.3	24.7	24.3	23.1	23.6	25.9	24.5	25.0	25.0	23.9	24.5
14	26.2	23.7	24.6	25.9	23.6	24.6	26.2	25.3	25.7	23.9	22.9	23.3
15	24.8	22.7	23.7	27.0	24.3	25.5	26.4	25.6	26.0	23.2	22.9	23.1
16	24.0	21.8	23.0	27.6	25.1	26.3	26.5	24.7	25.8	24.5	22.5	23.4
17	24.6	22.1	23.2	28.0	25.8	26.9	26.7	24.9	25.8	25.1	23.8	24.4
18	24.8	22.2	23.5	28.3	26.1	27.2	26.8	25.2	26.1	25.1	23.2	23.9
19	25.0	22.9	23.9	28.3	26.6	27.5	26.9	25.1	26.0	24.3	23.9	24.1
20	25.6	23.3	24.4	28.1	26.5	27.3	26.7	24.7	25.6	25.1	23.6	24.2
21	25.6	23.3	24.2	27.9	26.5	27.0	27.8	25.3	26.4	24.9	23.8	24.2
22	24.6	22.8	23.3	27.5	25.9	26.6	27.8	---	27.1	24.3	24.0	24.2
23	24.7	22.8	23.5	27.5	25.9	26.7	27.5	25.4	26.6	24.7	23.7	24.2
24	25.4	23.4	24.4	26.9	24.6	25.5	27.6	26.1	27.0	24.6	23.2	23.7
25	25.3	24.0	24.7	26.0	24.9	25.3	27.7	26.5	27.2	23.2	21.2	22.3
26	25.0	23.8	24.3	26.2	25.0	25.6	27.6	26.5	26.8	21.2	19.9	20.3
27	26.5	23.8	25.0	26.6	24.6	25.5	26.7	25.2	25.7	22.1	20.6	21.6
28	26.3	23.6	24.5	28.1	25.2	26.4	25.5	24.7	25.0	22.7	21.7	22.2
29	26.1	23.7	24.7	28.6	26.1	27.2	24.9	24.1	24.4	22.6	22.0	22.3
30	26.0	24.4	25.2	28.6	26.6	27.4	24.7	23.9	24.2	23.3	22.1	22.7
31	---	---	---	27.8	26.0	26.9	24.0	23.6	23.7	---	---	---
MONTH	27.2	21.8	24.3	28.6	23.1	26.1	28.0	23.6	25.9	26.0	19.9	23.8
YEAR	28.6	4.7	18.3									

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
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OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.1	8.2	8.9	11.0	8.7	9.8	8.3	7.6	7.9	11.3	10.5	10.9
2	10.5	8.2	9.1	10.6	8.1	9.0	8.7	8.2	8.4	11.1	10.6	10.8
3	10.6	8.2	9.1	9.4	7.7	8.3	8.7	8.1	8.3	11.9	10.9	11.3
4	---	---	---	8.7	7.4	8.0	9.2	8.4	8.7	12.0	11.4	11.7
5	---	---	---	9.0	7.6	8.2	9.4	8.7	9.0	12.2	11.5	11.9
6	---	---	---	9.5	7.9	8.5	9.1	8.5	8.7	11.8	11.0	11.3
7	---	---	---	10.3	8.4	9.2	8.8	8.2	8.5	11.7	11.0	11.4
8	---	---	---	10.4	8.6	9.4	8.8	8.0	8.3	11.3	10.9	11.1
9	---	---	---	10.2	8.5	9.3	8.7	8.0	8.2	11.3	10.6	11.0
10	---	---	---	10.0	8.3	9.1	8.5	7.7	8.1	10.7	9.9	10.5
11	---	---	---	10.2	8.4	9.2	9.3	8.5	9.1	9.9	9.1	9.5
12	---	---	---	10.3	8.4	9.2	9.2	8.7	8.9	9.7	8.9	9.3
13	---	---	---	10.2	8.5	9.2	8.8	8.4	8.7	10.4	9.5	10.0
14	---	---	---	10.2	8.6	9.3	8.4	7.9	8.1	10.6	10.1	10.4
15	---	---	---	9.9	8.4	9.2	8.7	8.1	8.3	10.6	9.7	10.2
16	---	---	---	10.0	8.5	9.2	9.1	8.6	8.8	10.9	9.8	10.3
17	9.3	7.6	8.2	10.0	8.7	9.3	8.9	8.1	8.5	11.1	9.4	10.4
18	9.7	8.1	8.8	9.9	8.7	9.2	---	---	---	11.3	10.0	10.5
19	10.3	8.3	9.1	9.7	8.5	9.1	---	---	---	10.7	9.0	9.9
20	10.3	8.1	9.1	9.3	8.5	8.9	9.5	9.1	9.3	10.4	9.2	10.1
21	10.1	7.9	8.8	10.0	8.8	9.2	10.0	9.3	9.8	10.5	10.3	10.4
22	10.1	7.4	8.5	10.3	9.2	9.7	10.4	9.8	10.2	10.5	10.3	10.4
23	10.0	7.2	8.4	9.6	8.7	9.1	10.2	9.8	10.0	10.7	10.2	10.5
24	9.7	7.2	8.2	8.9	4.4	8.4	10.5	9.8	10.3	10.2	9.3	9.7
25	9.5	7.0	7.9	7.4	0.3	4.8	10.5	10.2	10.4	9.6	9.2	9.4
26	9.5	7.3	8.1	7.7	7.3	7.6	10.6	10.2	10.5	10.0	9.5	9.8
27	10.5	7.7	8.9	7.4	7.0	7.3	11.4	10.6	11.1	10.0	9.9	10
28	11.2	8.7	9.6	7.6	6.9	7.3	11.3	10.6	11.0	10.0	9.3	9.7
29	11.5	9.1	10.1	7.7	7.3	7.4	10.8	10.1	10.6	9.4	8.7	9.2
30	11.5	9.1	10.2	7.6	7.2	7.3	10.4	10.0	10.2	8.8	8.2	8.6
31	11.5	9.0	10.1	---	---	---	10.9	10.0	10.5	8.3	7.6	8.1
MONTH	11.5	7.0	9.0	11.0	0.3	8.6	11.4	7.6	9.3	12.2	7.6	10.3

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
APPROVED
DD #3, DCP
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.1	7.6	7.8	12.8	11.1	11.8	8.3	8.0	8.2	8.4	7.8	8.2
2	8.9	7.9	8.4	11.5	10.8	11.1	8.3	7.8	8.1	8.1	7.4	7.8
3	9.4	8.8	9.2	11.2	7.6	10.3	7.8	7.4	7.7	7.5	6.7	7.2
4	9.8	9.2	9.5	11.4	7.9	10.5	---	---	---	8.6	0.3	6.4
5	10.2	9.4	9.8	11.5	11.0	11.3	---	---	---	8.5	8.4	8.5
6	12.0	10.0	10.8	11.1	10.5	10.7	---	---	---	8.5	8.1	8.4
7	12.0	11.2	11.6	10.8	10.1	10.4	---	---	---	8.2	7.8	8.1
8	11.2	10.8	11.1	10.4	9.7	10.1	---	---	---	7.9	7.3	7.7
9	10.8	10.3	10.6	9.9	9.2	9.5	8.6	8.2	8.4	7.7	7.0	7.4
10	10.3	9.0	9.5	10.2	9.1	9.5	8.8	8.3	8.5	7.7	7.0	7.4
11	9.2	9.0	9.1	10.8	9.6	10.0	8.6	8.2	8.4	8.0	7.2	7.5
12	10.0	9.2	9.7	9.9	9.4	9.7	8.7	8.2	8.4	7.8	7.5	7.7
13	10.0	9.7	9.9	9.7	9.2	9.5	8.4	8.2	8.3	7.7	7.5	7.6
14	10.0	9.5	9.8	9.5	8.9	9.2	8.4	8.0	8.3	8.4	7.5	8.1
15	9.9	9.3	9.7	9.3	8.4	8.8	8.1	7.4	7.8	8.3	7.9	8.2
16	9.6	9.1	9.4	9.2	8.2	8.6	7.7	6.2	7.2	8.1	7.7	7.9
17	9.9	9.1	9.4	9.1	7.7	8.3	6.8	5.5	6.1	8.0	7.6	7.8
18	10.1	9.1	9.6	9.1	7.2	8.0	8.3	5.8	7.6	7.7	7.3	7.5
19	10.4	9.2	9.8	9.7	7.1	8.2	8.5	7.4	7.8	8.0	7.5	7.8
20	9.9	9.3	9.5	10.1	7.6	8.6	8.5	7.4	7.8	8.3	7.9	8.1
21	9.7	9.1	9.4	---	---	---	8.8	7.2	7.8	8.6	8.1	8.3
22	10.1	8.9	9.3	---	---	---	8.6	6.5	7.4	8.7	8.3	8.5
23	9.8	8.9	9.3	10.8	9.0	9.7	---	---	---	8.8	8.2	8.5
24	10.6	9.4	9.8	11.2	9.2	9.9	---	---	---	8.9	8.1	8.4
25	10.9	8.2	9.8	11.1	8.8	9.7	9.5	7.5	8.2	9.1	7.8	8.3
26	10.6	5.5	8.4	9.5	8.1	8.7	8.3	7.5	7.9	8.7	7.4	8.0
27	11.7	9.6	10.5	8.6	5.9	7.6	9.3	8.1	8.6	8.8	7.5	8.1
28	12.6	10.8	11.5	9.1	5.9	7.8	9.6	8.1	8.7	9.0	7.2	8.0
29	---	---	---	9.4	6.7	7.8	8.8	7.4	7.9	9.3	7.0	8.0
30	---	---	---	8.0	0.1	5.3	8.0	7.0	7.4	9.3	7.0	8.0
31	---	---	---	8.3	7.8	8.0	---	---	---	9.7	7.1	8.1
MONTH	12.6	5.5	9.7	12.8	0.1	9.3	9.6	5.5	7.9	9.7	0.3	7.9

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 089
LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29
Date Processed: 2003-03-13 15:10 By ceoberst
APPROVED
DD #3, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.6	6.7	7.9	6.5	5.9	6.2	8.0	6.3	7.0	---	---	---
2	10.1	6.4	8.0	6.5	6.0	6.2	8.2	6.2	7.0	---	---	---
3	10.4	6.2	8.1	6.8	5.4	6.0	8.2	5.8	6.9	---	---	---
4	10.3	4.9	7.8	6.4	5.6	6.2	7.8	6.2	6.9	7.8	6.4	7.0
5	6.2	5.6	5.9	6.2	5.6	5.9	---	---	---	7.8	6.5	7.1
6	7.0	6.2	6.7	6.6	4.9	5.5	---	---	---	7.9	6.4	6.9
7	7.0	6.7	6.8	6.7	5.3	6.0	---	---	---	8.6	6.6	7.2
8	7.0	6.7	6.8	7.4	5.4	6.2	8.4	6.2	7.1	8.7	6.9	7.4
9	7.1	6.6	6.9	7.5	5.7	6.5	8.7	6.4	7.3	8.8	6.9	7.5
10	7.4	6.6	6.9	8.4	5.3	6.7	9.1	6.6	7.6	8.9	6.9	7.6
11	7.9	6.6	7.1	8.1	5.4	6.6	9.1	6.5	7.6	9.0	7.1	7.8
12	8.4	6.8	7.4	7.1	6.1	6.4	8.8	6.2	7.2	9.0	7.0	7.6
13	8.6	6.7	7.5	6.4	5.9	6.2	8.1	6.2	7.1	8.8	6.4	7.3
14	7.8	5.3	6.2	6.8	5.9	6.3	8.4	6.3	7.0	7.9	7.0	7.3
15	7.2	6.6	6.9	6.5	6.0	6.2	8.4	6.2	7.1	8.0	7.3	7.7
16	7.3	6.8	7.0	6.9	5.4	6.0	8.3	5.7	6.6	8.0	7.1	7.6
17	7.5	6.9	7.1	7.4	5.7	6.3	6.2	4.9	5.7	7.1	6.7	6.9
18	7.6	6.7	7.0	7.9	5.4	6.4	6.6	5.5	6.1	7.5	5.7	6.9
19	7.8	6.4	7.0	8.0	5.4	6.5	6.3	5.1	5.8	7.3	6.9	7.1
20	---	---	---	---	---	---	---	---	---	7.2	7.0	7.1
21	---	---	---	---	---	---	---	---	---	7.7	6.8	7.2
22	---	---	---	---	---	---	---	---	---	7.9	6.7	7.2
23	---	---	---	8.5	6.1	7.0	6.5	6.2	6.3	7.3	6.6	7.0
24	---	---	---	7.3	6.0	6.6	6.5	5.8	6.1	6.9	6.7	6.8
25	7.8	6.4	7.0	6.8	6.1	6.6	6.5	5.6	6.0	7.8	6.9	7.2
26	7.0	6.3	6.6	6.9	5.9	6.5	6.5	5.4	5.8	8.4	7.8	8.2
27	7.3	6.6	6.8	7.0	5.6	6.6	7.0	5.5	6.1	8.3	8.1	8.2
28	6.8	5.8	6.4	---	---	---	7.4	5.9	6.5	8.1	7.9	8.0
29	6.9	6.5	6.7	---	---	---	7.5	6.0	6.7	8.0	7.7	7.8
30	6.5	6.0	6.3	7.1	5.9	6.4	7.5	5.7	6.5	7.9	7.7	7.8
31	---	---	---	7.8	6.2	6.7	7.2	5.1	6.1	---	---	---
MONTH	10.4	4.9	7.0	8.5	4.9	6.3	9.1	4.9	6.6	9.0	5.7	7.4
YEAR	12.8	0.1	8.3									

ALTAMAHA RIVER BASIN
2002 Water Year

02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA

LOCATION.—Lat 33°40'29", long 84°05'03" referenced to North American Datum (NAD) of 1983, Rockdale County, Hydrologic Unit 03070103, 2.3 miles north of GA 212, 1.7 miles south of unnamed tributary from Abbot Lake, 1.7 miles west of Interstate 20, and 1.8 miles east of Klondike Road.

DRAINAGE AREA.—5.2 mi^2.

COOPERARTION.—Rockdale County Department of Water Resources.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 2, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage 770.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.71 feet, March 31; minimum gage-height recorded, 1.59 feet, December 15, 16.

PRECIPITATION RECORDS

PERIOD OF RECORD.—November 1, 2001 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334029 LONGITUDE 0840503 NAD83 DRAINAGE AREA 5.20 CONTRIBUTING DRAINAGE AREA 5.20* DATUM 770.00 NGVD29
Date Processed: 2003-03-11 11:03 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	1.64	1.61	1.76	2.38	2.75	3.01	2.90	2.97	2.75	2.86
2	---	1.64	1.62	1.62	1.72	3.33	2.73	3.01	2.89	2.60	2.69	2.84
3	---	1.65	1.62	1.71	1.72	2.46	2.80	3.06	2.87	2.79	2.69	2.83
4	---	1.66	1.61	1.64	1.72	2.13	2.79	3.81	2.86	2.79	2.69	2.81
5	---	1.64	1.60	1.64	1.69	2.23	2.78	2.96	3.06	2.67	2.70	2.80
6	---	1.64	1.60	1.97	3.24	2.36	2.76	2.89	3.18	2.68	2.72	2.79
7	---	1.64	1.61	1.72	---	2.40	2.77	2.91	3.06	2.71	2.75	2.76
8	---	1.64	1.61	1.66	2.02	2.45	2.78	2.90	2.90	2.72	2.75	2.74
9	---	1.65	1.61	1.65	1.91	2.56	2.87	2.88	2.86	2.72	2.74	2.72
10	---	1.65	1.85	1.64	1.89	2.64	2.84	2.92	2.87	2.73	2.71	2.69
11	---	1.66	1.74	1.63	1.85	2.71	2.82	2.89	2.87	2.79	2.69	2.67
12	---	1.67	1.64	1.73	1.83	2.87	2.93	2.89	2.87	2.81	2.68	2.65
13	---	1.69	1.70	1.68	1.85	2.87	---	2.96	2.86	2.82	2.67	2.79
14	---	1.69	1.66	1.63	---	2.76	2.90	2.94	3.28	2.85	2.66	3.31
15	---	1.68	1.63	1.62	---	2.79	2.85	2.91	2.97	2.76	2.70	3.23
16	---	1.67	1.61	1.61	---	2.85	2.89	2.93	2.85	2.75	2.71	2.81
17	---	1.66	1.95	1.61	---	2.88	2.88	2.94	2.85	2.74	2.76	2.77
18	---	1.67	1.85	1.61	---	2.90	2.84	3.21	2.81	2.74	2.81	3.63
19	---	1.65	1.68	3.12	---	2.93	2.85	2.98	2.77	2.75	2.85	2.70
20	---	1.68	1.65	1.99	---	2.94	2.86	2.96	2.74	2.75	2.80	2.68
21	---	1.69	1.62	1.95	1.96	3.06	2.86	2.97	2.74	2.74	2.76	3.04
22	---	1.67	1.61	---	1.94	2.80	2.87	2.95	2.76	2.75	2.86	2.80
23	---	1.96	1.89	2.32	1.95	2.88	2.87	2.94	2.87	2.84	2.84	2.78
24	---	1.82	1.80	2.04	2.02	2.94	2.91	2.95	2.86	2.91	2.77	2.77
25	---	1.73	1.67	2.91	2.13	2.96	2.99	2.94	2.80	2.87	2.78	2.89
26	---	1.69	1.64	1.94	2.27	3.01	2.95	2.94	2.86	3.07	2.78	3.08
27	---	1.77	1.63	1.86	2.29	2.99	2.95	2.94	2.89	2.68	2.78	3.20
28	---	1.63	1.63	1.81	2.31	2.97	2.97	2.94	2.94	2.54	2.79	2.89
29	---	1.62	1.62	1.78	---	2.99	2.97	2.93	2.80	2.58	2.80	2.84
30	---	1.78	1.61	1.76	---	3.35	3.02	2.91	2.73	2.65	2.87	2.83
31	---	---	1.61	1.74	---	3.81	---	2.91	---	2.72	2.88	---
MEAN	---	---	1.67	---	---	2.81	---	2.98	2.89	2.76	2.76	2.87
MAX	---	---	1.95	---	---	3.81	---	3.81	3.28	3.07	2.88	3.63
MIN	---	---	1.60	---	---	2.13	---	2.88	2.73	2.54	2.66	2.65

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334029 LONGITUDE 0840503 NAD83 DRAINAGE AREA 5.20 CONTRIBUTING DRAINAGE AREA 5.20* DATUM 770.00 NGVD29
Date Processed: 2003-03-11 11:11 By bemccall
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.49	0.00	0.00
2	---	0.00	0.00	0.00	0.00	1.89	0.00	0.07	0.00	0.00	0.00	0.00
3	---	0.00	0.00	0.21	0.04	0.22	0.00	0.47	0.00	0.25	0.00	0.00
4	---	0.00	0.00	0.05	0.00	0.00	0.00	1.58	---	0.00	0.00	0.00
5	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.05
6	---	0.00	0.00	0.52	2.28	0.00	0.00	0.00	0.67	0.00	0.00	0.00
7	---	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.01	0.00	0.00	0.00
8	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	0.00	0.00	0.00	0.00	0.05	0.28	0.00	0.00	0.00	0.00	0.00
10	---	0.00	0.57	0.00	0.00	0.00	0.00	0.08	0.00	0.04	0.00	0.00
11	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
12	---	0.00	0.01	0.22	0.00	0.51	0.44	0.00	0.00	0.00	0.00	0.00
13	---	0.00	0.20	0.00	0.00	0.10	0.32	0.19	0.38	0.13	0.00	1.38
14	---	0.00	0.03	0.00	---	0.00	0.03	0.00	0.88	0.01	0.08	1.01
15	---	0.00	0.00	0.01	---	0.00	0.00	0.00	0.00	0.00	0.02	0.90
16	---	0.00	0.00	0.00	---	0.00	0.15	0.00	0.00	0.00	0.06	0.01
17	---	0.02	0.77	0.00	---	0.21	0.00	0.00	0.00	0.00	0.12	0.00
18	---	0.00	0.00	0.01	---	0.00	0.00	0.65	0.00	0.00	0.13	1.26
19	---	0.01	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	---	0.00	0.00	---	---	0.28	0.00	0.00	0.00	0.00	0.00	0.08
21	---	0.00	0.00	---	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.61
22	---	0.00	0.00	---	0.00	0.00	0.00	0.00	0.06	0.19	0.15	0.00
23	---	0.81	0.59	0.06	0.00	0.00	0.00	0.00	0.25	0.13	0.00	0.00
24	---	0.08	0.00	1.10	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00
25	---	0.03	0.00	0.13	0.00	0.00	0.25	0.00	0.05	0.00	0.00	0.60
26	---	0.13	0.00	0.00	0.00	0.17	0.00	0.03	0.07	0.36	0.00	0.60
27	---	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.04	0.01	0.00	0.42
28	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
29	---	0.01	0.00	0.00	---	0.00	0.02	0.00	0.00	0.00	0.00	0.00
30	---	0.23	0.00	0.00	---	2.03	0.31	0.00	0.00	0.00	0.13	0.00
31	---	---	0.00	0.01	---	0.26	---	0.00	---	0.15	0.01	---
TOTAL	---	1.33	2.17	---	---	6.31	1.81	3.07	---	1.87	0.74	6.92

ALTAMAHA RIVER BASIN
2002 Water Year

02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA

LOCATION.—Lat 33°40'29", long 84°05'03" referenced to North American Datum (NAD) of 1983, Rockdale County, Hydrologic Unit 03070103, 2.3 miles north of GA 212, 1.7 miles south of unnamed tributary from Abbot Lake, 1.7 miles west of Interstate 20, and 1.8 miles east of Klondike Road.

DRAINAGE AREA.—5.2 mi^2.

COOPERARTION.—Rockdale County Department of Water Resources.

PERIOD OF RECORD.—November 2, 2001 to September 30, 2002.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: November 2, 2001 to September 30, 2002.
WATER TEMPERATURE: November 2, 2001 to September 30, 2002.
TURBIDITY: November 2, 2001 to September 30, 2002.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good, except for turbidity records, which are poor.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 123 microsiemens, January 4; minimum, 31 microsiemens, February 6.
WATER TEMPERATURE: Maximum, 26.3 °C, June 6, July 7; minimum, 1.4 °C, January 4.
TURBIDITY: Maximum, >1,100 NTU, July 26; minimum, 2.4 NTU, September 6, 8, 9.

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334029 LONGITUDE 0840503 NAD83 DRAINAGE AREA 5.20 CONTRIBUTING DRAINAGE AREA 5.20 DATUM 770.00 NGVD29
Date Processed: 2003-03-17 06:53 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	95	86	92	75	73	74
2	---	---	---	89	87	88	86	82	84	74	73	74
3	---	---	---	92	89	91	85	82	84	77	74	74
4	---	---	---	94	91	93	87	84	86	123	77	109
5	---	---	---	95	93	94	87	85	86	117	110	114
6	---	---	---	96	94	95	87	85	86	113	77	91
7	---	---	---	95	93	94	86	85	86	77	76	77
8	---	---	---	93	92	92	88	85	86	77	74	76
9	---	---	---	92	90	91	86	85	85	76	74	75
10	---	---	---	91	90	90	93	77	86	75	74	75
11	---	---	---	90	89	89	77	67	70	75	74	74
12	---	---	---	89	88	88	70	68	69	81	73	75
13	---	---	---	88	86	88	74	69	71	83	76	81
14	---	---	---	86	84	85	80	74	78	76	71	74
15	---	---	---	86	84	85	79	76	78	72	70	71
16	---	---	---	86	85	86	77	76	76	73	70	72
17	---	---	---	87	85	86	79	51	72	74	72	73
18	---	---	---	87	86	86	62	52	57	75	73	74
19	---	---	---	87	86	86	66	62	65	75	32	61
20	---	---	---	87	86	86	70	66	68	58	44	52
21	---	---	---	86	85	85	73	69	72	64	58	60
22	---	---	---	86	84	85	77	72	74	61	48	60
23	---	---	---	117	84	91	78	55	73	62	44	53
24	---	---	---	87	75	78	59	54	57	68	43	65
25	---	---	---	82	76	77	63	59	61	60	37	51
26	---	---	---	87	82	85	66	63	65	64	60	62
27	---	---	---	90	80	84	71	66	69	66	64	65
28	---	---	---	82	80	81	78	69	71	68	66	67
29	---	---	---	83	80	82	72	70	71	69	67	68
30	---	---	---	96	83	90	73	71	72	70	68	69
31	---	---	---	---	---	---	74	72	73	71	70	71
MONTH	---	---	---	117	75	87	95	51	75	123	32	72

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334029 LONGITUDE 0840503 NAD83 DRAINAGE AREA 5.20 CONTRIBUTING DRAINAGE AREA 5.20 DATUM 770.00 NGVD29
Date Processed: 2003-03-17 06:53 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	73	71	72	66	62	64	63	59	60	79	76	77
2	76	72	74	71	35	51	65	62	64	77	68	72
3	75	72	73	58	48	55	67	63	65	81	58	74
4	73	70	72	61	57	59	67	64	66	61	37	49
5	72	71	72	63	61	62	68	63	65	61	50	57
6	73	31	53	63	61	62	68	64	66	68	61	66
7	55	38	49	64	61	63	66	64	65	71	66	70
8	58	55	57	65	62	64	68	64	67	76	70	73
9	60	58	59	66	62	65	79	66	71	77	74	76
10	62	60	61	68	64	66	80	67	74	81	76	78
11	62	60	61	70	64	68	70	67	69	83	80	81
12	63	61	62	75	61	68	79	61	70	80	78	79
13	64	61	63	65	61	63	66	61	63	80	76	78
14	---	---	---	63	61	62	67	64	66	76	63	66
15	---	---	---	66	61	65	68	65	67	71	62	65
16	---	---	---	68	64	67	74	66	70	75	66	70
17	---	---	---	69	66	68	71	66	68	79	73	76
18	---	---	---	70	66	69	73	65	69	82	42	53
19	---	---	---	74	68	71	79	69	74	60	52	57
20	---	---	---	73	68	71	78	74	76	69	60	64
21	66	58	62	78	54	59	85	76	80	74	69	71
22	61	58	60	60	56	59	92	75	81	82	74	77
23	62	59	61	63	59	62	78	74	76	86	80	83
24	64	60	62	64	62	63	79	75	77	90	85	88
25	64	61	63	67	62	66	83	76	80	91	89	90
26	65	61	63	73	65	68	84	75	78	91	89	90
27	65	62	64	76	66	72	75	71	72	90	88	89
28	66	62	64	66	63	64	74	70	72	90	88	89
29	---	---	---	67	63	65	77	73	75	90	84	87
30	---	---	---	72	38	60	83	75	78	87	84	85
31	---	---	---	60	38	50	---	---	---	89	86	87
MONTH	76	31	63	78	35	64	92	59	71	91	37	75

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334029 LONGITUDE 0840503 NAD83 DRAINAGE AREA 5.20 CONTRIBUTING DRAINAGE AREA 5.20 DATUM 770.00 NGVD29
Date Processed: 2003-03-17 06:53 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	92	87	88	78	42	53	90	70	76	102	95	99
2	94	87	90	66	52	58	86	72	78	106	93	100
3	95	90	92	72	57	65	90	78	85	98	88	92
4	97	72	94	69	57	62	88	79	82	96	88	90
5	86	57	63	73	66	69	90	81	85	104	89	93
6	80	50	65	80	72	76	93	82	88	99	92	94
7	68	50	60	88	79	83	104	87	94	97	93	94
8	81	68	75	99	85	91	110	86	97	100	95	97
9	86	80	83	99	91	94	110	91	100	99	96	97
10	88	85	87	103	89	95	94	91	92	101	96	98
11	91	88	90	95	88	89	96	93	94	98	96	97
12	96	90	93	97	92	94	97	93	95	100	96	98
13	101	96	99	95	90	92	96	93	95	106	55	93
14	97	41	54	91	82	88	96	94	95	60	43	51
15	61	44	53	84	76	80	101	95	99	62	42	52
16	71	61	66	80	76	78	105	100	103	86	60	72
17	79	71	75	99	79	89	108	102	105	101	86	93
18	84	76	80	107	87	96	114	104	110	102	41	62
19	96	83	86	115	92	98	114	102	108	84	64	73
20	91	85	87	97	92	94	114	102	108	99	84	91
21	111	86	92	99	92	94	107	102	104	99	45	62
22	115	90	98	99	94	96	109	52	92	76	62	71
23	99	82	89	104	95	99	66	53	60	84	76	79
24	82	63	67	106	94	99	75	66	72	90	84	87
25	77	64	68	107	96	101	91	73	85	94	59	81
26	84	71	78	113	37	89	89	85	87	72	45	58
27	92	84	86	66	44	57	91	83	86	67	47	56
28	88	66	75	75	66	70	93	87	90	80	67	75
29	74	66	69	83	75	79	95	90	93	87	80	84
30	75	69	72	89	83	86	100	93	96	93	87	88
31	---	---	---	96	88	90	113	93	97	---	---	---
MONTH	115	41	79	115	37	84	114	52	92	106	41	83
YEAR	123	31	77									

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Date Processed: 2003-03-17 06:53 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	15.8	12.8	13.6	4.3	2.8	3.4
2	---	---	---	13.5	12.3	12.8	13.5	11.5	12.3	4.4	2.8	3.6
3	---	---	---	15.4	13.5	14.4	12.8	10.9	11.6	3.6	1.9	2.6
4	---	---	---	15.4	14.4	14.7	11.8	9.9	10.7	3.6	1.4	2.2
5	---	---	---	14.5	12.4	13.2	11.6	9.5	10.4	4.3	1.6	2.6
6	---	---	---	12.4	10.9	11.8	13.1	11.3	12.0	5.5	3.6	4.8
7	---	---	---	11.0	9.7	10.3	13.4	11.6	12.4	5.3	4.5	5.0
8	---	---	---	10.9	9.9	10.2	13.8	12.2	12.9	5.0	2.7	3.7
9	---	---	---	11.0	10.4	10.7	13.7	12.7	13.2	6.2	2.6	3.9
10	---	---	---	11.2	10.2	10.7	13.7	10.8	12.4	8.5	4.4	5.8
11	---	---	---	10.8	10.1	10.3	11.3	10.3	10.7	9.5	8.2	8.7
12	---	---	---	11.0	10.2	10.5	11.6	10.8	11.1	9.3	6.4	7.2
13	---	---	---	10.7	9.6	10.2	13.1	11.6	12.3	7.6	5.0	6.1
14	---	---	---	10.4	9.6	10.0	15.3	13.1	14.0	7.3	5.1	5.8
15	---	---	---	10.9	10.3	10.6	14.5	11.3	12.2	7.1	4.8	5.7
16	---	---	---	10.5	9.8	10.2	12.3	10.8	11.4	7.1	4.6	5.6
17	---	---	---	10.6	9.8	10.1	15.7	11.6	12.8	7.3	4.3	5.4
18	---	---	---	11.0	10.2	10.5	---	12.2	---	8.5	6.6	7.3
19	---	---	---	11.0	10.3	10.6	12.2	9.4	10.5	9.8	7.9	8.4
20	---	---	---	11.5	10.7	11.2	11.1	8.3	9.1	9.6	6.1	7.8
21	---	---	---	10.7	8.5	9.3	8.8	6.2	7.0	11.3	7.0	8.8
22	---	---	---	9.5	8.6	8.9	7.6	5.2	6.2	9.7	---	---
23	---	---	---	13.0	9.5	10.7	10.6	6.5	7.7	10.7	8.8	9.5
24	---	---	---	15.4	13.0	14.0	10.5	7.5	8.7	13.8	10.6	11.9
25	---	---	---	16.2	15.0	15.5	7.5	5.0	6.0	14.4	11.6	12.9
26	---	---	---	15.6	13.4	14.2	6.5	3.7	4.5	12.3	8.6	10.5
27	---	---	---	17.1	14.8	15.7	4.5	2.7	3.5	10.8	7.5	9.2
28	---	---	---	16.8	15.1	15.7	6.1	3.1	4.1	13.2	8.7	10.4
29	---	---	---	16.8	15.1	15.8	7.1	5.1	5.9	15.0	10.1	12.1
30	---	---	---	17.3	15.8	16.5	7.0	4.6	5.3	15.7	11.9	13.5
31	---	---	---	---	---	---	5.5	4.2	4.5	16.5	13.1	14.5
MONTH	---	---	---	17.3	8.5	12.0	15.8	2.7	9.6	16.5	1.4	7.3

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

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LATITUDE 334029 LONGITUDE 0840503 NAD83 DRAINAGE AREA 5.20 CONTRIBUTING DRAINAGE AREA 5.20 DATUM 770.00 NGVD29
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APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.9	14.1	15.1	8.6	3.7	5.6	21.0	14.3	17.2	18.4	16.5	17.0
2	14.1	9.9	11.5	8.7	6.6	7.7	20.4	13.5	16.8	23.0	18.3	20.3
3	11.3	8.4	9.1	9.8	7.5	8.8	20.9	15.7	18.1	22.9	20.3	21.8
4	9.5	7.1	8.2	8.7	3.9	6.2	19.2	14.1	16.6	20.3	16.3	18.0
5	8.4	5.6	6.4	10.2	3.0	6.0	18.4	12.6	15.3	20.5	16.2	17.5
6	6.9	4.8	5.7	11.9	4.9	7.8	17.9	12.0	14.8	22.2	16.7	18.8
7	7.5	5.8	6.7	13.6	6.7	9.6	18.1	11.9	14.5	23.1	18.5	20.4
8	10.6	4.9	7.3	14.9	8.9	11.4	19.0	14.4	16.2	23.1	19.7	21.3
9	11.1	5.8	8.3	15.8	12.4	13.7	18.9	16.4	17.0	23.4	20.7	22.1
10	14.7	9.6	11.5	15.1	9.8	12.2	19.1	16.2	17.0	24.6	20.9	22.4
11	12.7	8.8	10.7	13.8	8.2	10.6	19.2	16.9	17.6	22.3	20.6	21.3
12	11.0	6.2	8.5	13.8	10.8	11.6	18.0	16.3	17.0	22.3	20.3	21.1
13	11.0	7.3	8.8	15.0	11.1	12.3	18.1	---	---	24.0	20.9	21.7
14	---	---	---	17.8	11.0	13.7	21.3	16.9	18.4	21.0	17.6	18.7
15	---	---	---	18.6	12.8	14.8	23.3	18.0	19.9	19.8	16.7	18.0
16	---	---	---	18.9	15.5	16.9	22.9	18.6	20.3	18.7	17.1	17.8
17	---	---	---	20.7	16.1	17.7	23.4	18.9	20.4	19.4	18.2	18.7
18	---	---	---	20.7	17.1	18.5	23.8	19.9	21.4	21.6	19.2	20.6
19	---	---	---	20.3	17.1	18.3	23.3	19.9	21.3	21.0	16.8	17.9
20	---	---	---	19.7	16.5	17.8	23.2	20.9	21.9	19.0	15.4	16.8
21	14.5	9.1	11.3	20.1	15.7	17.6	23.3	21.2	22.1	17.1	14.4	15.6
22	13.5	9.0	10.7	17.8	11.0	13.8	22.9	20.6	21.7	16.0	14.5	15.2
23	12.1	7.3	9.4	15.0	8.7	11.4	21.1	17.6	19.1	16.1	14.3	15.2
24	12.5	---	---	14.7	9.4	11.5	19.7	17.9	18.7	16.1	14.7	15.4
25	13.2	7.8	10.2	15.5	12.3	13.7	20.3	18.6	19.4	16.6	15.4	16.1
26	13.1	9.5	11.2	16.8	15.2	16.0	20.8	16.4	18.1	17.9	16.4	17.4
27	12.6	5.8	7.7	16.4	13.1	14.5	17.4	16.0	16.6	19.3	17.8	18.6
28	7.7	3.6	5.4	16.5	11.6	13.3	18.8	16.7	17.5	19.8	18.9	19.3
29	---	---	---	15.4	12.5	13.7	20.0	18.7	19.4	20.1	19.2	19.5
30	---	---	---	18.0	14.6	16.6	20.1	17.0	18.6	20.3	19.3	19.8
31	---	---	---	19.1	15.8	17.1	---	---	---	20.5	19.8	20.2
MONTH	15.9	3.6	9.2	20.7	3.0	12.9	23.8	11.9	18.4	24.6	14.3	18.9

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
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APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.2	20.3	20.8	25.8	22.7	24.1	25.0	24.0	24.3	22.4	22.0	22.2
2	21.9	20.9	21.5	25.8	23.3	24.1	25.3	24.4	25.0	22.6	22.0	22.3
3	22.7	21.5	22.2	26.0	23.5	24.3	25.5	25.0	25.3	22.6	21.9	22.2
4	23.9	22.3	23.1	26.2	23.0	24.1	25.3	24.1	24.6	22.6	22.0	22.3
5	25.9	22.4	23.5	26.3	---	---	24.9	23.9	24.4	23.0	22.5	22.7
6	26.3	22.7	24.1	25.4	24.6	24.9	25.1	24.6	24.8	23.5	22.9	23.2
7	25.8	22.1	23.3	25.5	24.8	25.2	25.2	24.7	25.0	23.5	22.6	23.0
8	25.8	23.0	23.7	25.3	24.9	25.1	24.7	23.4	23.9	23.1	22.0	22.5
9	24.0	21.2	22.3	24.9	24.4	24.6	23.9	22.8	23.3	22.6	21.6	22.1
10	22.3	20.5	21.3	24.9	24.4	24.6	23.5	22.3	22.7	22.2	20.8	21.4
11	21.9	20.6	21.2	25.4	24.2	24.6	23.0	21.8	22.3	21.6	20.7	21.2
12	21.7	21.0	21.3	24.4	22.4	23.4	22.5	21.4	22.0	21.8	21.4	21.6
13	23.5	21.3	21.6	23.8	22.4	22.7	22.4	21.6	22.1	23.0	21.6	22.0
14	25.3	22.9	23.7	23.6	22.9	23.2	23.4	22.4	22.9	23.4	22.6	22.8
15	23.9	21.0	22.3	24.0	23.5	23.8	23.7	23.2	23.4	23.2	21.8	22.6
16	24.0	19.9	21.2	24.6	23.9	24.3	24.2	23.6	23.8	23.4	21.8	22.4
17	21.8	20.8	21.2	25.1	24.4	24.8	24.4	24.0	24.1	24.0	23.1	23.5
18	21.9	21.1	21.5	25.5	24.9	25.2	24.5	24.1	24.3	23.9	22.6	23.2
19	21.9	21.5	21.7	25.5	25.2	25.3	24.3	23.9	24.1	24.0	23.0	23.4
20	22.3	21.6	22.1	25.6	25.0	25.3	24.3	23.6	23.9	24.3	22.7	23.3
21	22.6	21.8	22.2	25.5	25.0	25.3	24.7	24.2	24.4	25.1	23.3	24.1
22	22.1	21.4	21.8	25.4	24.4	24.8	26.2	24.2	24.9	24.6	23.3	23.6
23	24.4	21.5	22.2	25.2	24.6	24.8	25.8	24.5	24.8	23.9	22.8	23.2
24	23.4	22.9	23.1	25.2	23.7	24.4	25.3	24.5	25.0	23.6	21.9	22.8
25	23.6	23.1	23.4	25.4	24.5	25.0	25.6	25.1	25.3	22.1	19.3	20.9
26	23.7	23.1	23.3	25.9	24.2	24.5	25.6	24.7	25.0	21.4	18.8	19.5
27	24.1	23.1	23.4	25.5	23.4	24.0	25.1	24.2	24.5	22.6	21.4	22.1
28	24.7	23.1	23.4	25.8	23.8	24.6	24.3	23.7	23.9	22.5	20.7	21.6
29	23.7	23.2	23.5	25.5	24.7	25.0	23.7	23.0	23.3	22.4	21.3	21.6
30	24.0	23.4	23.8	25.7	25.0	25.2	23.3	22.4	22.8	22.2	21.3	21.6
31	---	---	---	26.1	24.6	25.1	22.6	22.2	22.4	---	---	---
MONTH	26.3	19.9	22.5	26.3	22.4	24.5	26.2	21.4	24.0	25.1	18.8	22.4
YEAR	26.3	1.4	16.8									

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334029 LONGITUDE 0840503 NAD83 DRAINAGE AREA 5.20 CONTRIBUTING DRAINAGE AREA 5.20 DATUM 770.00 NGVD29
Date Processed: 2003-03-17 06:55 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	36	24	27	43	18	28
2	---	---	---	7.1	4.7	5.5	28	23	25	41	19	28
3	---	---	---	7.3	4.1	4.9	29	23	27	32	18	23
4	---	---	---	8.4	4.3	6.0	32	23	26	43	22	30
5	---	---	---	9.7	5.2	6.5	28	22	25	38	20	25
6	---	---	---	11	5.2	6.7	27	22	24	---	---	---
7	---	---	---	10	6.6	7.7	25	18	22	---	---	---
8	---	---	---	12	8.0	9.6	---	---	---	---	---	---
9	---	---	---	10	6.4	7.9	---	---	---	---	---	---
10	---	---	---	8.7	5.8	6.7	---	---	---	31	14	24
11	---	---	---	7.9	6.0	7.0	81	40	62	40	14	24
12	---	---	---	9.4	5.7	6.8	40	16	24	---	---	---
13	---	---	---	9.7	5.4	7.2	21	12	16	---	---	---
14	---	---	---	10	7.2	8.2	16	8.9	11	96	49	66
15	---	---	---	11	6.2	7.1	12	9.4	10	60	36	45
16	---	---	---	13	6.7	8.3	16	8.7	11	42	20	29
17	---	---	---	12	6.8	7.8	990	8.1	9.6	30	16	21
18	---	---	---	12	7.2	7.8	528	142	219	24	13	17
19	---	---	---	11	6.5	7.7	148	62	98	876	13	19
20	---	---	---	12	6.7	8.1	62	34	42	361	85	149
21	---	---	---	12	7.1	9.0	39	23	33	132	63	82
22	---	---	---	9.5	6.8	8.0	25	17	22	---	---	---
23	---	---	---	464	6.7	8.9	447	18	23	1090	94	252
24	---	---	---	146	32	61	389	119	201	700	40	68
25	---	---	---	38	16	29	122	61	88	570	67	131
26	---	---	---	34	12	14	67	40	51	75	35	48
27	---	---	---	120	30	91	46	29	35	46	20	32
28	---	---	---	68	34	51	47	22	27	---	---	---
29	---	---	---	36	20	29	36	17	24	---	---	---
30	---	---	---	61	20	34	38	17	26	---	---	---
31	---	---	---	---	---	---	44	16	23	---	---	---
MAX	---	---	---	464	34	91	990	142	219	1090	94	252
MIN	---	---	---	7.1	4.1	4.9	12	8.1	9.6	24	13	17

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
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TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	44	16	20	---	---	---	184	11	119
2	26	15	20	592	18	128	---	---	---	19	11	14
3	29	18	21	130	57	91	---	---	---	197	10	22
4	27	16	19	64	35	47	---	---	---	553	95	219
5	26	16	18	58	30	35	---	---	---	121	32	47
6	473	18	107	45	27	32	22	9.7	12	50	19	31
7	189	50	64	39	24	27	17	11	13	26	14	18
8	56	32	44	34	22	24	17	9.8	12	34	16	19
9	39	30	33	28	20	24	25	11	14	24	14	16
10	39	23	32	24	20	21	30	15	22	62	14	16
11	36	25	29	24	21	22	22	12	14	63	21	39
12	40	29	31	46	21	35	53	11	14	30	18	23
13	52	30	36	---	---	---	---	---	---	60	15	20
14	---	---	---	---	---	---	30	15	21	56	22	34
15	---	---	---	---	---	---	20	14	17	---	---	---
16	---	---	---	---	---	---	156	17	22	---	---	---
17	---	---	---	---	---	---	162	32	96	---	---	---
18	---	---	---	---	---	---	32	17	25	241	20	119
19	---	---	---	---	---	---	21	13	15	67	30	39
20	---	---	---	17	9.3	12	19	11	13	32	21	27
21	---	---	---	78	12	47	22	10	12	31	17	20
22	---	---	---	38	24	28	21	9.7	13	40	17	24
23	---	---	---	27	20	22	21	10	12	84	33	54
24	---	---	---	31	13	26	19	9.2	11	92	56	79
25	---	---	---	49	14	28	45	9.4	31	92	55	63
26	---	---	---	66	34	42	29	15	22	60	42	48
27	42	14	18	74	52	61	29	12	16	44	23	35
28	36	15	21	109	73	92	27	14	19	25	20	22
29	---	---	---	130	99	108	51	12	27	25	19	20
30	---	---	---	---	---	---	143	13	49	27	18	22
31	---	---	---	---	---	---	---	---	---	28	20	24
MAX	473	50	107	592	99	128	162	32	96	553	95	219
MIN	26	14	18	17	9.3	12	17	9.2	11	19	10	14

STATION NUMBER 02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334029 LONGITUDE 0840503 NAD83 DRAINAGE AREA 5.20 CONTRIBUTING DRAINAGE AREA 5.20 DATUM 770.00 NGVD29
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TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	32	19	20	860	12	272	73	23	40	22	2.5	8.0
2	---	---	---	180	68	114	25	12	18	21	6.4	8.2
3	---	---	---	632	41	62	23	8.7	12	16	2.5	7.9
4	---	---	---	346	56	132	26	11	17	11	2.5	6.7
5	461	64	190	61	29	47	25	7.0	11	12	4.7	6.6
6	558	30	64	31	15	27	21	5.6	12	13	2.4	6.1
7	546	75	159	24	17	20	12	5.2	9.1	21	3.8	6.7
8	76	31	48	---	---	---	21	6.6	10	18	2.4	7.0
9	36	23	29	---	---	---	21	7.7	13	23	2.4	6.7
10	28	19	22	---	---	---	26	7.6	13	10	5.0	6.3
11	31	18	20	---	---	---	26	9.0	15	13	4.6	6.2
12	27	21	24	18	11	14	32	8.1	13	11	5.5	6.7
13	49	14	22	---	---	---	17	6.2	9.4	558	5.5	8.1
14	772	49	261	---	---	---	11	6.8	7.9	406	99	204
15	---	---	---	---	---	---	21	6.9	11	203	36	93
16	---	---	---	---	---	---	17	5.8	9.6	38	18	26
17	---	---	---	---	---	---	17	3.0	7.6	25	15	18
18	---	---	---	---	---	---	17	4.1	10	1050	15	222
19	27	18	19	22	9.3	11	15	2.9	9.7	117	32	55
20	24	16	19	13	6.5	8.9	15	2.6	9.7	33	18	25
21	47	16	22	14	6.3	9.3	18	6.3	10	167	19	79
22	35	16	21	15	7.1	9.6	---	---	---	59	25	37
23	42	14	16	24	10	16	---	---	---	27	16	20
24	54	26	46	20	6.8	11	---	---	---	23	13	16
25	---	---	---	34	7.4	10	---	---	---	32	11	18
26	---	---	---	>1100	2.6	10	---	---	---	114	19	26
27	---	---	---	624	203	358	---	---	---	130	32	79
28	---	---	---	231	114	167	11	2.8	5.3	34	14	22
29	28	16	20	118	53	86	12	4.8	6.6	21	12	14
30	21	12	14	54	30	42	22	5.2	8.6	17	11	12
31	---	---	---	61	19	26	14	5.7	7.2	---	---	---
MAX	772	75	261	>1100	203	358	73	23	40	1050	99	222
MIN	21	12	14	13	2.6	8.9	11	2.6	5.3	10	2.4	6.1

YEAR MAX MAXIMUM >1100 MINIMUM 7.1
MIN MAXIMUM 203 MINIMUM 2.4
MEDIAN MAXIMUM 358 MINIMUM 4.9

> Actual value is known to be greater than the value shown

ALTAMAHA RIVER BASIN
2002 Water Year

02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA

LOCATION.—Lat 33°40'29", long 84°05'03" referenced to North American Datum (NAD) of 1983, Rockdale County, Hydrologic Unit 03070103, 2.3 miles north of GA 212, 1.7 miles south of unnamed tributary from Abbot Lake, 1.7 miles west of Interstate 20, and 1.8 miles east of Klondike Road.

DRAINAGE AREA.—5.2 mi^2.

COOPERARTION.—Rockdale County Department of Water Resources.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD- November 1, 2001 to September 30, 2002.

REMARKS- Laboratory chemical analyses with analyzing agency code 81213 are by the U.S. Geological Survey, Ocala Water-Quality and Resource Laboratory. Field determinations of Specific Conductance, pH, Water Temperature, Dissolved Oxygen, and Turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DRAINAGE AREA (SQ. MI.) (81024)	SAMPLING METHOD, CODES (82398)	TURBIDITY (NTU) (00076)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	SPECIFIC CONDUCTANCE (US/CM) (00095)
NOV													
01...	1140	1028	81213	1.65	5.20	10	--	19.5	745	8.65	6.81	7	88
FEB													
19...	1120	1028	81213	1.89	5.20	10	--	14	751	10.67	6.75	7	67
MAY													
04-04	0915	1028	81213	--	5.20	25	--	--	--	--	--	6.7	--
JUN													
05-05	1204	1028	81213	--	5.20	25	313	--	--	--	--	6.6	--
SEP													
13-14	2020	1028	81213	--	5.20	25	282	--	--	--	5.12	4.3	76
SEP													
18-18	0336	1028	81213	--	5.20	25	516	--	--	--	--	6.3	--

Date	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	TEMPERATURE WATER (DEG C) (00010)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	RESIDUE VOLATILE, SUSPENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
NOV													
01...	92	11.0	8.8	1.4	14	--	62	--	<.2	--	.26	<.02	<.02
FEB													
19...	73	6.18	5.5	1.1	8	1	53	.074	.3	.35	.36	<.02	<.02
MAY													
04-04	42	--	3.4	.56	163	--	31	--	1.2	--	.32	<.02	.09
JUN													
05-05	59	--	5.1	.67	200	--	46	--	1.1	--	.54	<.02	.06
SEP													
13-14	74	--	4	.55	192	--	48	--	1.1	--	.46	.06	.23
SEP													
18-18	44	--	3.3	.54	355	--	33	--	1.3	--	.37	<.02	.24

02204115 HONEY CREEK AT TURNER ROAD, NEAR CONYERS, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
NOV													
01...	.7	9.4	<.5	<.5	<1	<1	<2	<2	<2	<2	165	--	<2
FEB													
19...	1.5	<5	<.5	<.5	<1	<1	<2	2.7	<2	<2	260	278	2.1
MAY													
04-04	--	--	<.5	<.5	<1	2.2	<2	3.9	<2	9	104	521	5.8
JUN													
05-05	--	--	<.5	<.5	<1	3	2.1	5.3	<2	10	292	480	12
SEP													
13-14	--	22	<.5	<.5	<1	4.6	3	5.9	<2	8.2	245	373	20
SEP													
18-18	--	19	<.5	<.5	<1	5.8	<2	7.7	<2	19	157	461	4.7

Date	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
NOV						
01...	<2	--	--	1099	10	3044
FEB						
19...	2.6	95	23	1099	10	3044
MAY						
04-04	27	93	194	1002	10	8010
JUN						
05-05	44	96	214	1002	10	8010
SEP						
13-14	33	96	215	1002	10	8010
SEP						
18-18	53	59	575	1002	10	8010

0Remark codes used in this report:
< -- Less than

02204135 CAMP CREEK TRIBUTARY AT GA 155, NEAR STOCKBRIDGE, GA

LOCATION.—Lat 33°34'35", long 84°08'51" referenced to North American Datum (NAD) of 1927, Henry County, Hydrologic Unit 03070103, at culvert on GA 155, 5.0 miles northeast of Stockbridge.

DRAINAGE AREA.—0.28 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 790.00 feet above sea level (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 9.02 feet, July 5, 1994
DISCHARGE: 190 ft^3/s, July 5, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: 4.38 feet, June 4
DISCHARGE: 28.7 ft^3/s, June 4

ALTAMAHA RIVER BASIN
2002 Water Year

02205000 WILDCAT CREEK NEAR LAWRENCEVILLE, GA

LOCATION.—Lat 34°00'07", long 84°00'18" (revised) referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Russell Road, 3.3 miles north of Lawrenceville.

DRAINAGE AREA.—1.59 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1954 to 1982 (operated as a continuous-record gaging station at a different datum), 1983 to 1984 (operated at a different datum), 1996 to current year.

GAGE.—Cest-stage partial-record gage. Datum of gage is 967.55 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 8.20 feet, May 6, 1956
DISCHARGE: 806 ft^3/s, May 6, 1956

MAXIMUM FOR CURRENT YEAR.—
STAGE: <3.66 feet, Not determined, peak below bottom of gage
DISCHARGE: <77 ft^3/s, Not determined, peak below bottom of gage

02205230 WOLF CREEK AT DEAN ROAD, NEAR SUWANEE, GA

LOCATION.—Lat 34°00'04", long 84°02'57", Gwinnett County, Hydrologic Unit 03070103, at culvert on Dean Road, 3.8 miles south of Suwanee.

DRAINAGE AREA.—0.39 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1987 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 980.00 feet (revised) above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 8.47 feet, October 5, 1995
DISCHARGE: 220 ft^3/s, October 5, 1995

MAXIMUM FOR CURRENT YEAR.—
STAGE: 5.67 feet, June 6
DISCHARGE: 99.8 ft^3/s, June 6

ALTAMAHA RIVER BASIN
2002 Water Year

02205500 PEW CREEK NEAR LAWRENCEVILLE, GA

LOCATION.—Lat 33°56'05", long 84°01'00" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Johnson Road, 2.2 miles southwest of Lawrenceville.

DRAINAGE AREA.—2.23 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1954 to 1963 (at a different datum), 1995 to current year.

GAGE.--Crest-stage partial-record gage. Datum of gage is 930.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from barometer).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 13.39 feet, October 5, 1995
DISCHARGE: 2,440 ft^3/s, October 5, 1995

MAXIMUM FOR CURRENT YEAR.—
STAGE: 5.55 feet, May 4
DISCHARGE: 486 ft^3/s, May 4

ALTAMAHA RIVER BASIN
2002 Water Year

02205596 YELLOW RIVER TRIBUTARY AT PLANTATION ROAD, NEAR LAWRENCEVILLE, GA

LOCATION.—Lat 33°54'45", long 84°02'45" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Plantation Road, 4.5 miles southwest of Lawrenceville.

DRAINAGE AREA.—7.23 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1994 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 850.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 10.11 feet, April 9, 1998
DISCHARGE: 1,220 ft^3/s, April 9, 1998

MAXIMUM FOR CURRENT YEAR.—
STAGE: 7.78 feet, May 4
DISCHARGE: 760 ft^3/s, May 4

ALTAMAHA RIVER BASIN
2002 Water Year

02206000 SHETLEY CREEK NEAR NORCROSS, GA

LOCATION.—Lat 33°57'20", long 84°09'40" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at bridge on Old Norcross Road, 2.8 miles northeast of Norcross.

DRAINAGE AREA.—0.98 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-STAGE RECORDS

PERIOD OF RECORD.—1954 to 1963 as a continuous gage, 1995 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 890.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. The date of the maximum stage is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum stage for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 10.4 feet, February 21, 1961 (from floodmark)
DISCHARGE: 2,320 ft^3/s, February 21, 1961 (from floodmark)

MAXIMUM FOR CURRENT YEAR.—

STAGE: 3.74 feet, May 4

ALTAMAHA RIVER BASIN
2002 Water Year

02206105 JACKSON CREEK AT ANGELS LANE, NEAR LILBURN, GA

LOCATION.—Lat 33°53'12", long 84°12'42", Gwinnett County, Hydrologic Unit 03070103, at culvert on Angel's Lane, 4.2 miles west of Lilburn.

DRAINAGE AREA.—0.18 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1987 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 990.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 6.71 feet, September 7, 1987
DISCHARGE: 144 ft^3/s, September 7, 1987

MAXIMUM FOR CURRENT YEAR.—
STAGE: 3.13 feet, May 4
DISCHARGE: 70.0 ft^3/s, May 4

02206136 JACKSON CREEK TRIBUTARY No. 1 AT WILLIAMS ROAD, NEAR LILBURN, GA

LOCATION.—Lat 33°53'19", long 84°10'59" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Williams Road, 2.6 miles west of Lilburn.

DRAINAGE AREA.—0.33 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1987 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 920 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 8.14 feet, August 22, 1990
DISCHARGE: 188 ft^3/s, August 22, 1990

MAXIMUM FOR CURRENT YEAR.—
STAGE: 6.66 feet, May 4
DISCHARGE: 103 ft^3/s, May 4

ALTAMAHA RIVER BASIN
2002 Water Year

02206165 JACKSON CREEK TRIBUTARY No. 2 AT WORCHESTER PLACE, NEAR LILBURN, GA

LOCATION.—Lat 33°54'09", long 84°10'10", Gwinnett County, Hydrologic Unit 03070103, at culvert on Worcester Plaza, 1.9 miles northwest of Lilburn.

DRAINAGE AREA.—0.10 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1987 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 950 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 11.51 feet, September 14, 1995
DISCHARGE: 101 ft^3/s, September 14, 1995

MAXIMUM FOR CURRENT YEAR.—
STAGE: 8.20 feet, August 16
DISCHARGE: 67.0 ft^3/s, August 16

02206465 WATSON CREEK TRIBUTARY No. 2 AT TANGLEWOOD DRIVE, AT SNELLVILLE, GA

LOCATION.—Lat 33°51'46", long 84°02'07", Gwinnett County, Hydrologic Unit 03070103, at culvert on Tanglewood Drive, 0.9 miles west-northwest of Snellville.

DRAINAGE AREA.—0.20 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1987 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 970.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 8.37 feet, July 16, 1989
DISCHARGE: 168 ft^3/s, July 16, 1989

MAXIMUM FOR CURRENT YEAR.—
STAGE: <5.11 feet, Not determined, peak below bottom of gage

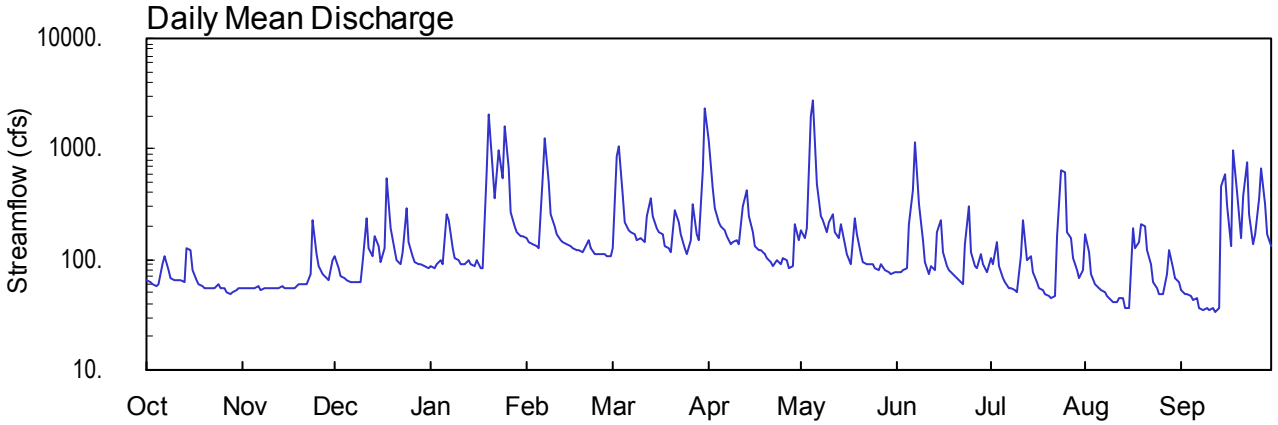
ALTAMAHA RIVER BASIN

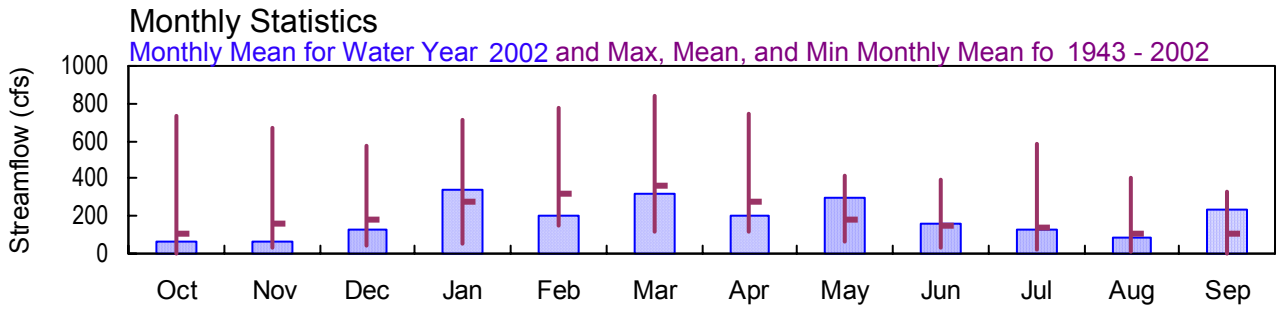
2002 Water Year

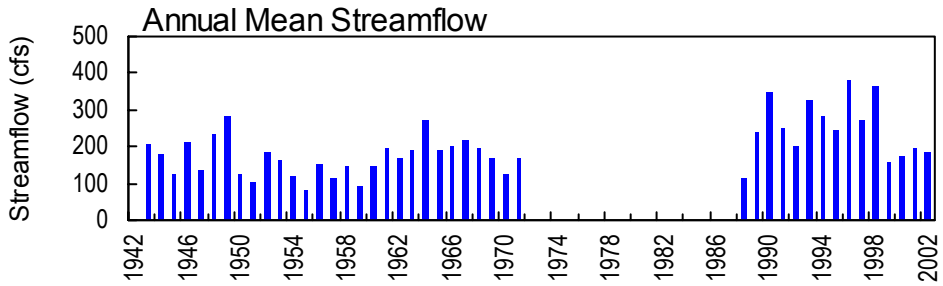
02206500 YELLOW RIVER NEAR SNELLVILLE, GA

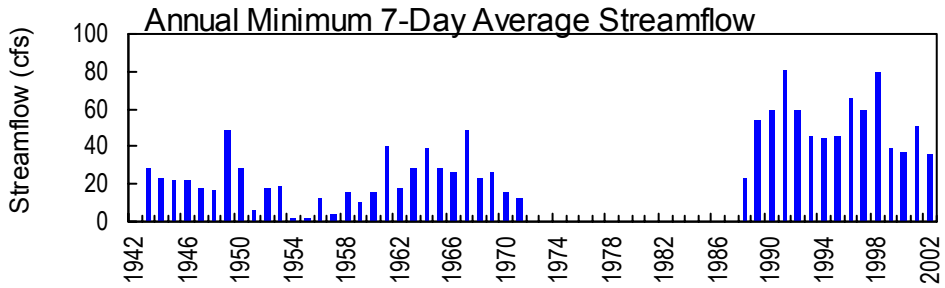
Latitude: 33°51'11" Longitude: 84°04'45" Hydrologic Unit Code: 03070103 Gwinnett County

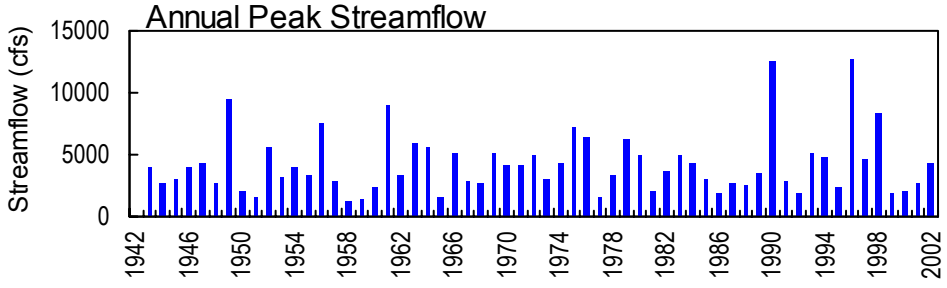
Drainage Area: 134. mi^2 Datum: 806.14 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02206500 YELLOW RIVER NEAR SNELLVILLE, GA

LOCATION.—Lat 33°51'11", long 84°04'45" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, on left bank 40.0 feet downstream from McDaniels Bridge on Killian Hill Road, 3.2 miles west of Snellville, 4.0 miles downstream from Sweetwater Creek and 7.5 miles upstream from Stone Mountain Creek.

DRAINAGE AREA.—134 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1942 to September 1971. October 1987 to current year.

REVISED RECORDS.—WSP 1032: 1943(M), WSP 1112: 1944-45(M), WSP 1384: 1949(M), 1952(M), drainage area.

GAGE.—Water-stage recorder. Datum of gage is 806.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by the Georgia Department of Transportation). Prior to November 4, 1952, non-recording gage located at same site and datum.

REMARKS.—Records fair, except those for the periods of estimated daily discharge, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than a base discharge of 2,100 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Jan. 20	0930	2,560	9.22
Mar. 31	1315	2,790	9.88
May 5	0300	4,320*	13.73*

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1942 to September 1971. October 1987 to current year.

GAGE.—Water-stage recorder. Datum of gage is 806.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by the Georgia Department of Transportation). Prior to November 4, 1952, non-recording gage located at same site and datum.

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.74 feet, May 5; minimum gage-height recorded, 1.07 feet, August 14, 15, September 7-13.

STATION NUMBER 02206500 YELLOW RIVER NEAR SNELLVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335111 LONGITUDE 0840445 NAD27 DRAINAGE AREA 134.00* CONTRIBUTING DRAINAGE AREA 134 DATUM 806.14 NGVD29
Date Processed: 2003-03-12 08:27 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65	56	109	87	157	124	1190	185	78	103	169	52
2	62	56	83	83	e145	856	444	154	78	89	118	49
3	61	55	72	90	e135	1050	291	194	80	144	73	48
4	58	56	67	100	e130	373	221	1990	83	88	60	46
5	60	56	64	89	e124	214	199	2720	210	68	55	43
6	91	58	62	259	e540	e185	185	488	415	62	52	44
7	109	53	62	229	1250	e175	165	250	1150	56	51	37
8	81	55	63	125	e500	171	138	225	313	54	47	35
9	69	56	63	104	e255	151	144	178	151	53	43	36
10	64	54	95	97	e200	159	151	217	94	51	42	35
11	65	55	237	92	e172	141	136	262	75	107	42	36
12	66	56	124	92	e152	251	301	176	87	231	44	34
13	62	56	108	97	e145	357	420	156	80	98	44	37
14	127	57	162	90	e136	249	245	206	180	108	36	460
15	122	55	132	88	e131	188	175	139	223	77	36	588
16	80	55	94	100	e127	174	132	112	116	62	188	307
17	66	55	124	82	e121	170	119	90	88	56	129	134
18	61	56	552	82	e119	130	123	238	79	52	145	964
19	57	61	192	626	e117	124	114	167	73	48	208	404
20	56	60	123	2030	e129	115	102	112	69	46	200	154
21	55	59	100	647	e147	278	96	95	64	45	120	379
22	56	61	89	362	e127	214	87	90	61	47	92	753
23	56	73	118	961	e114	166	98	89	137	164	63	258
24	60	225	296	551	e111	129	91	92	309	636	55	138
25	54	113	146	1620	e110	113	104	82	115	613	49	168
26	54	86	106	677	e110	150	98	80	87	180	49	354
27	51	73	95	265	e109	314	85	90	84	158	73	660
28	48	67	91	201	e107	169	88	81	113	102	120	320
29	51	64	89	177	---	148	211	77	91	81	85	172
30	53	99	86	162	---	638	147	74	77	68	68	133
31	55	---	82	164	---	2360	---	77	---	81	63	---
TOTAL	2075	2041	3886	10429	5720	10036	6100	9186	4860	3828	2619	6878
MEAN	66.9	68.0	125	336	204	324	203	296	162	123	84.5	229
MAX	127	225	552	2030	1250	2360	1190	2720	1150	636	208	964
MIN	48	53	62	82	107	113	85	74	61	45	36	34
CFSM	0.50	0.51	0.94	2.51	1.52	2.42	1.52	2.21	1.21	0.92	0.63	1.71
IN.	0.58	0.57	1.08	2.90	1.59	2.79	1.69	2.55	1.35	1.06	0.73	1.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2002, BY WATER YEAR (WY)

MEAN	109	160	183	276	323	358	277	185	150	136	106	104
MAX	737	675	571	712	778	836	744	415	396	581	399	329
(WY)	1996	1949	1993	1996	1961	1990	1964	1966	1994	1989	1994	2000
MIN	3.89	28.1	44.0	49.5	144	121	113	65.8	34.1	26.1	11.7	4.40
(WY)	1955	1955	1956	1956	1947	1955	1950	1988	1988	1954	1954	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1943 - 2002	
ANNUAL TOTAL	67485		67658			
ANNUAL MEAN	185		185		197	
HIGHEST ANNUAL MEAN					383	1996
LOWEST ANNUAL MEAN					83.7	1955
HIGHEST DAILY MEAN	1920	Jun 2	2720	May 5	8600	Oct 5 1995
LOWEST DAILY MEAN	46	Sep 23	34	Sep 12	1.6	Oct 8 1954
ANNUAL SEVEN-DAY MINIMUM	52	Sep 17	36	Sep 7	1.9	Oct 4 1954
MAXIMUM PEAK FLOW			4320	May 5	12800	Oct 5 1995
MAXIMUM PEAK STAGE			13.74	May 5	19.75	Oct 5 1995
ANNUAL RUNOFF (CFSM)	1.38		1.38		1.47	
ANNUAL RUNOFF (INCHES)	18.73		18.78		19.94	
10 PERCENT EXCEEDS	385		334		367	
50 PERCENT EXCEEDS	105		104		118	
90 PERCENT EXCEEDS	56		53		38	

e Estimated

STATION NUMBER 02206500 YELLOW RIVER NEAR SNELLVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335111 LONGITUDE 0840445 NAD27 DRAINAGE AREA 134.00 CONTRIBUTING DRAINAGE AREA 134* DATUM 806.14 NGVD29
Date Processed: 2003-03-12 08:25 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.30	1.24	1.58	1.45	1.82	1.66	5.07	1.94	1.42	1.57	1.87	1.23
2	1.28	1.23	1.42	1.43	---	4.03	2.83	1.80	1.42	1.49	1.65	1.21
3	1.27	1.23	1.35	1.47	---	4.67	2.33	1.92	1.44	1.76	1.39	1.20
4	1.25	1.23	1.32	1.53	---	2.60	2.09	7.46	1.45	1.48	1.30	1.19
5	1.27	1.24	1.29	1.46	---	2.06	2.00	9.47	2.04	1.36	1.26	1.15
6	1.45	1.25	1.28	2.16	---	---	1.94	2.96	2.69	1.31	1.23	1.16
7	1.58	1.21	1.28	2.11	5.25	---	1.86	2.20	4.96	1.27	1.22	1.10
8	1.41	1.23	1.29	1.67	---	1.88	1.74	2.10	2.40	1.25	1.19	1.08
9	1.33	1.23	1.29	1.55	---	1.80	1.76	1.92	1.80	1.24	1.16	1.09
10	1.29	1.22	1.47	1.51	---	1.83	1.79	2.07	1.52	1.22	1.15	1.08
11	1.30	1.23	2.14	1.48	---	1.75	1.72	2.23	1.40	1.55	1.15	1.09
12	1.31	1.24	1.66	1.48	---	2.15	2.30	1.91	1.48	2.11	1.16	1.07
13	1.28	1.24	1.57	1.51	---	2.54	2.75	1.82	1.44	1.54	1.17	1.10
14	1.64	1.25	1.84	1.47	---	2.19	2.18	2.03	1.87	1.60	1.09	2.85
15	1.65	1.23	1.70	1.46	---	1.96	1.90	1.75	2.09	1.42	1.09	3.28
16	1.40	1.23	1.49	1.53	---	1.90	1.70	1.62	1.64	1.31	1.89	2.37
17	1.31	1.23	1.61	1.42	---	1.88	1.64	1.50	1.48	1.26	1.70	1.73
18	1.27	1.23	3.16	1.42	---	1.69	1.66	2.13	1.43	1.23	1.77	4.38
19	1.25	1.27	1.96	3.21	---	1.66	1.61	1.87	1.38	1.20	2.03	2.69
20	1.24	1.27	1.66	7.64	---	1.62	1.54	1.62	1.36	1.18	1.97	1.82
21	1.23	1.26	1.53	3.46	---	2.27	1.51	1.53	1.32	1.17	1.66	2.59
22	1.24	1.27	1.46	2.56	---	2.06	1.45	1.50	1.30	1.19	1.50	3.77
23	1.23	1.35	1.60	4.38	---	1.86	1.51	1.50	1.66	1.64	1.32	2.21
24	1.26	2.09	2.35	3.15	---	1.69	1.47	1.51	2.38	3.42	1.26	1.75
25	1.22	1.60	1.77	6.40	---	1.60	1.54	1.44	1.63	3.34	1.21	1.86
26	1.22	1.44	1.56	3.53	---	1.76	1.52	1.43	1.48	1.93	1.21	2.53
27	1.19	1.36	1.50	2.25	---	2.40	1.44	1.50	1.46	1.84	1.39	3.50
28	1.17	1.32	1.47	2.01	---	1.87	1.45	1.44	1.63	1.57	1.63	2.42
29	1.20	1.30	1.46	1.90	---	1.78	2.05	1.41	1.50	1.44	1.47	1.90
30	1.21	1.50	1.44	1.84	---	3.36	1.78	1.40	1.42	1.35	1.35	1.73
31	1.23	---	1.42	1.85	---	8.63	---	1.41	---	1.41	1.32	---
MEAN	1.31	1.31	1.61	2.33	---	---	1.94	2.21	1.75	1.57	1.41	1.94
MAX	1.65	2.09	3.16	7.64	---	---	5.07	9.47	4.96	3.42	2.03	4.38
MIN	1.17	1.21	1.28	1.42	---	---	1.44	1.40	1.30	1.17	1.09	1.07

ALTAMAHA RIVER BASIN
2002 Water Year

02207000 GARNER CREEK NEAR SNELLVILLE, GA

LOCATION.—Lat 33°51'45", long 84°05'50" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Five Forks-Trickum Road, 4.4 miles west of Snellville.

DRAINAGE AREA.—5.54 mi^2.

COOPERATION.—Gwinnett County Department of Public Works.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1954 to 1963 (at a different datum), 1995 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 830 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 5.93 feet, March 15, 2001
DISCHARGE: 1,630 ft^3/s, February 25, 1961

MAXIMUM FOR CURRENT YEAR.—
STAGE: 4.54 feet, May 4
DISCHARGE: 573 ft^3/s, May 4

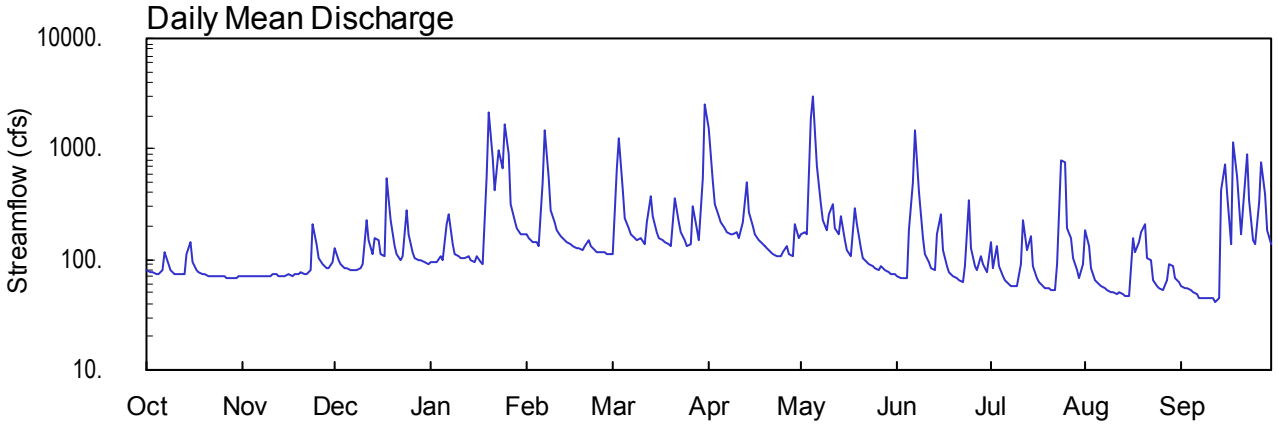
ALTAMAHA RIVER BASIN

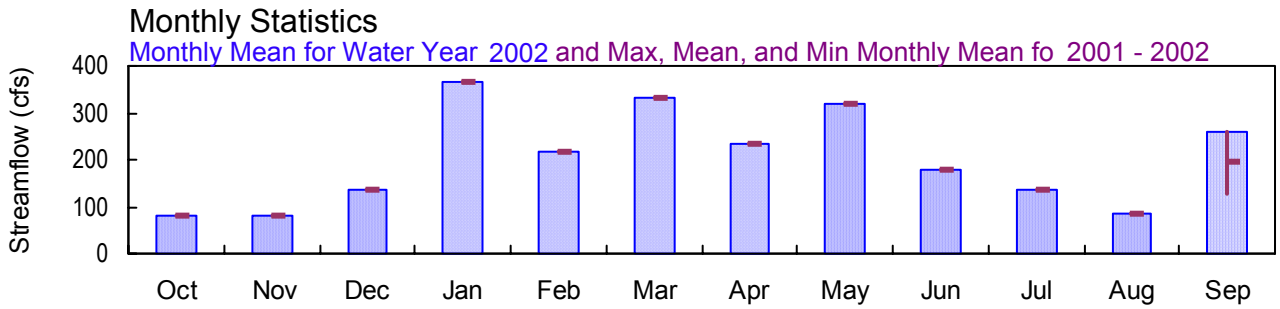
2002 Water Year

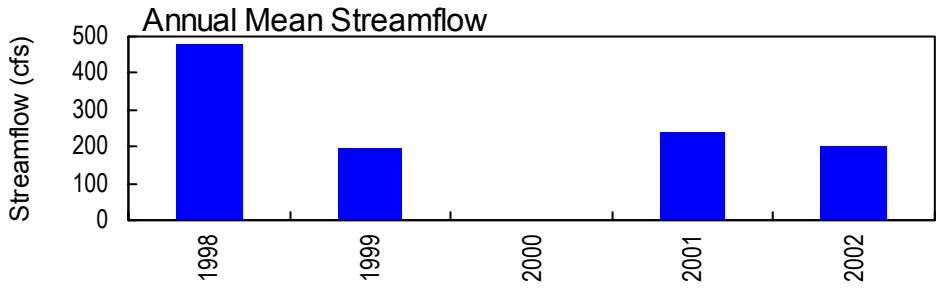
02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA

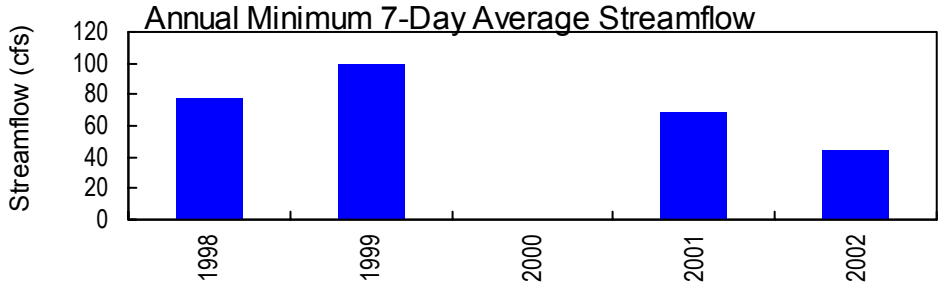
Latitude: 33°46'22" Longitude: 84°03'30" Hydrologic Unit Code: 03070103 Gwinnett County

Drainage Area: 162. mi^2 Datum: 770.00 feet









ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA

LOCATION.—Lat 33°46'22", long 84°03'30" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, on GA 124 bridge, 5.0 miles south of the intersection of GA 124 and US 78.

DRAINAGE AREA.—162 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 16, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 770.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 16, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 770.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR 2001 WATER YEAR.—Maximum gage-height, 5.75 feet, September 24, 2001; minimum gage-height, 2.80 feet, September 23, 2001.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 12.32 feet, May 5; minimum gage-height, 2.72 feet, September 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.—August 16, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0* CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-12 14:32 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80	71	128	94	168	110	1510	168	72	143	183	57
2	77	72	100	93	156	647	521	177	69	85	133	54
3	76	71	89	96	143	1260	314	168	68	133	83	54
4	73	71	85	108	141	422	245	1860	69	87	64	52
5	74	71	83	99	131	235	214	3030	186	71	59	50
6	81	71	81	208	496	192	194	685	501	64	57	48
7	115	70	81	258	1460	171	174	315	1460	60	55	45
8	90	72	81	138	541	154	166	226	408	58	52	45
9	79	72	82	113	276	151	168	182	153	57	50	45
10	75	71	92	105	215	157	177	256	111	57	50	44
11	74	73	230	101	185	140	155	312	96	89	49	44
12	74	73	148	102	163	221	220	192	85	228	51	42
13	75	71	112	108	153	370	506	166	79	121	49	45
14	111	72	157	100	145	244	268	248	167	160	46	415
15	145	72	147	95	137	177	202	150	261	86	46	723
16	96	73	111	107	134	159	166	121	121	69	156	387
17	80	72	e105	93	128	147	150	107	87	62	116	137
18	77	73	545	92	125	141	141	294	77	58	141	1130
19	74	75	230	576	123	138	130	206	72	56	176	567
20	73	76	132	2110	133	134	127	125	69	54	209	170
21	72	74	110	828	151	e365	117	102	65	53	101	301
22	72	74	99	426	133	e221	113	94	62	53	98	891
23	71	81	108	955	121	e180	108	89	86	89	65	337
24	71	212	278	658	118	e151	105	86	338	793	58	150
25	70	138	166	1700	117	e134	118	82	128	767	54	137
26	70	102	116	900	116	140	131	79	86	195	53	333
27	68	91	104	310	114	e306	110	87	81	154	65	770
28	68	85	99	227	110	190	108	81	108	101	91	394
29	69	82	97	193	---	148	205	76	91	79	86	187
30	69	93	96	170	---	552	153	73	78	69	67	140
31	71	---	91	168	---	2530	---	73	---	92	63	---
TOTAL	2470	2474	4183	11331	6133	10287	7016	9910	5334	4243	2626	7794
MEAN	79.7	82.5	135	366	219	332	234	320	178	137	84.7	260
MAX	145	212	545	2110	1460	2530	1510	3030	1460	793	209	1130
MIN	68	70	81	92	110	110	105	73	62	53	46	42
CFSM	0.49	0.51	0.83	2.26	1.35	2.05	1.44	1.97	1.10	0.84	0.52	1.60
IN.	0.57	0.57	0.96	2.60	1.41	2.36	1.61	2.28	1.22	0.97	0.60	1.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	79.7	82.5	135	366	219	332	234	320	178	137	84.7	194
MAX	79.7	82.5	135	366	219	332	234	320	178	137	84.7	260
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	79.7	82.5	135	366	219	332	234	320	178	137	84.7	128
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	73801			
ANNUAL MEAN	202		202	
HIGHEST ANNUAL MEAN			202	2002
LOWEST ANNUAL MEAN			202	2002
HIGHEST DAILY MEAN	3030	May 5	3030	May 5 2002
LOWEST DAILY MEAN	42	Sep 12	42	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	44	Sep 7	44	Sep 7 2002
MAXIMUM PEAK FLOW	3920	May 5	3920	May 5 2002
MAXIMUM PEAK STAGE	12.32	May 5	12.32	May 5 2002
ANNUAL RUNOFF (CFSM)	1.25		1.25	
ANNUAL RUNOFF (INCHES)	16.95		16.96	
10 PERCENT EXCEEDS	377		377	
50 PERCENT EXCEEDS	110		110	
90 PERCENT EXCEEDS	61		61	

e Estimated

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0* CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-12 08:29 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	2.91	3.30	3.08	3.51	3.19	7.01	3.51	3.06	3.47	3.67	2.92
2	2.96	2.92	3.12	3.07	3.45	4.76	4.70	3.56	3.04	3.16	3.44	2.89
3	2.94	2.90	3.05	3.10	3.38	6.42	4.12	3.50	3.02	3.43	3.14	2.89
4	2.92	2.91	3.02	3.17	3.37	4.43	3.86	7.83	3.03	3.18	3.00	2.86
5	2.93	2.91	3.00	3.11	3.32	3.82	3.73	10.43	3.68	3.05	2.94	2.85
6	2.98	2.91	2.98	3.62	4.37	3.63	3.64	5.10	4.60	2.99	2.92	2.82
7	3.22	2.90	2.99	3.90	6.91	3.53	3.54	4.18	6.91	2.95	2.90	2.79
8	3.05	2.91	2.98	3.35	4.74	3.44	3.50	3.87	4.40	2.94	2.87	2.78
9	2.97	2.92	2.99	3.21	3.98	3.43	3.51	3.69	3.54	2.93	2.84	2.78
10	2.94	2.91	3.06	3.15	3.73	3.46	3.56	3.98	3.32	2.92	2.84	2.77
11	2.93	2.92	3.79	3.13	3.60	3.36	3.45	4.16	3.23	3.18	2.83	2.76
12	2.93	2.92	3.40	3.13	3.49	3.71	3.70	3.72	3.16	3.85	2.85	2.74
13	2.94	2.91	3.20	3.17	3.44	4.30	4.65	3.61	3.11	3.37	2.84	2.77
14	3.18	2.91	3.46	3.12	3.39	3.85	3.95	3.94	3.54	3.55	2.79	4.33
15	3.38	2.91	3.40	3.09	3.35	3.56	3.67	3.53	3.98	3.17	2.80	5.18
16	3.09	2.92	3.19	3.17	3.33	3.47	3.50	3.38	3.37	3.04	3.44	4.35
17	2.98	2.91	---	3.07	3.30	3.44	3.42	3.30	3.17	2.97	3.34	3.44
18	2.95	2.92	4.74	3.07	3.28	3.37	3.37	4.07	3.10	2.93	3.48	6.08
19	2.93	2.94	3.78	4.44	3.27	3.36	3.31	3.78	3.06	2.91	3.64	4.80
20	2.92	2.94	3.32	8.44	3.40	3.34	3.29	3.40	3.03	2.89	3.76	3.59
21	2.92	2.93	3.18	5.43	3.43	---	3.23	3.27	3.00	2.88	3.27	4.04
22	2.91	2.93	3.12	4.45	3.33	---	3.21	3.22	2.98	2.88	3.24	5.57
23	2.91	2.98	3.17	5.72	3.26	---	3.18	3.19	3.16	3.06	3.00	4.18
24	2.90	3.70	3.98	5.02	3.24	---	3.16	3.16	4.24	5.35	2.93	3.48
25	2.90	3.35	3.50	7.46	3.23	---	3.23	3.14	3.41	5.29	2.89	3.40
26	2.89	3.14	3.23	5.59	3.22	---	3.31	3.12	3.17	3.72	2.88	4.21
27	2.88	3.06	3.15	4.10	3.22	---	3.19	3.17	3.13	3.55	2.99	5.29
28	2.87	3.02	3.12	3.79	3.19	3.62	3.17	3.13	3.30	3.26	3.16	4.36
29	2.89	3.00	3.10	3.63	---	3.41	3.68	3.09	3.20	3.12	3.16	3.64
30	2.89	3.07	3.09	3.52	---	4.54	3.43	3.07	3.11	3.04	3.02	3.40
31	2.90	---	3.06	3.52	---	9.41	---	3.07	---	3.16	2.98	---
MEAN	2.97	2.98	---	3.96	3.60	---	3.68	3.91	3.47	3.30	3.09	3.67
MAX	3.38	3.70	---	8.44	6.91	---	7.01	10.43	6.91	5.35	3.76	6.08
MIN	2.87	2.90	---	3.07	3.19	---	3.16	3.07	2.98	2.88	2.79	2.74

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0* CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-12 08:29 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.32	0.00	0.00
2	0.00	0.00	0.00	0.0	0.00	1.76	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.88	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.26	1.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00
6	0.22	0.00	0.00	0.53	2.13	0.00	0.00	0.00	2.22	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.40	0.28	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.73	0.55	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.15	1.49	0.00	1.42
14	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	1.05
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.84
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00
17	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00
18	0.00	0.00	0.0	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	2.63
19	0.00	0.00	0.00	1.92	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.33	0.39	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.31	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.55
22	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00
23	0.00	0.81	0.54	0.00	0.00	0.00	0.00	0.00	1.20	0.21	0.00	0.00
24	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59
26	0.00	0.31	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.51
27	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.23	0.00	0.00	0.43
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	3.13	0.22	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	1.33	0.00	---
TOTAL	0.87	1.12	1.81	4.47	2.46	7.33	1.08	5.06	7.85	3.55	0.35	8.02

ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA

LOCATION.—Lat 33°46'22", long 84°03'30" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, on GA 124 bridge, 5.0 miles south of the intersection of GA 124 and US 78.

DRAINAGE AREA.—162 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.— August 16, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: August 16, 2001 to current year.
WATER TEMPERATURE: August 16, 2001 to current year.
TURBIDITY: August 16, 2001 to current year.

INSTRUMENTATION.— Satellite telemetry with a continuous water-quality monitor.

REMARKS.— Records fair, except turbidity, which are poor. Water Year 2001 specific conductance and water temperature published in Water Resources Data-Georgia, 2001.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 364 microsiemens, September 10, 2002; minimum recorded, 53 microsiemens, May 5 and June 7, 2002.
WATER TEMPERATURE: Maximum recorded, 33.2°C, August 15, 2001; minimum recorded, 2.5°C, January 5, 2002.
TURBIDITY: Maximum recorded, 975 NTU, January 19, 2002; minimum recorded, <5.0 NTU, on many days.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 293 microsiemens, September 17; minimum 75 microsiemens, September 24, 25.
WATER TEMPERATURE: Maximum 33.2°C, August 15; minimum, 15.7°C, September 30.
TURBIDITY: Maximum, 900 NTU, September 24; minimum, <5.0 NTU on many days.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 364 microsiemens, September 10; minimum, 53 microsiemens, May 5 and June 7.
WATER TEMPERATURE: Maximum 28.4°C, July 18; minimum, 2.5°C, January 5.
TURBIDITY: Maximum, 980 NTU, January 19; minimum, <5.0 NTU on many days.

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:55 By ceoberst
APPROVED
DD #7, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	255	230	244	291	274	285	238	183	219	202	183	195
2	264	231	247	299	277	289	199	181	188	---	---	---
3	260	243	251	298	280	291	213	196	201	204	180	192
4	273	254	266	293	276	285	219	213	215	212	192	200
5	289	261	277	301	275	288	222	214	218	211	185	198
6	283	262	274	302	273	288	240	222	234	196	151	183
7	288	196	257	283	261	275	241	223	235	151	117	125
8	237	187	206	272	256	266	243	228	238	152	131	140
9	236	207	221	299	261	286	246	231	238	175	149	162
10	240	220	231	319	292	308	249	217	233	190	163	178
11	260	240	252	313	270	297	219	138	178	200	182	191
12	284	255	273	308	270	293	151	138	144	207	189	198
13	294	276	288	302	274	291	175	151	163	206	181	195
14	296	229	267	289	270	282	191	152	175	204	181	195
15	237	163	196	301	268	291	163	145	156	200	188	195
16	186	151	168	314	292	304	175	149	163	210	192	200
17	212	182	191	318	291	309	---	---	---	204	164	181
18	231	212	219	309	274	296	---	---	---	213	191	205
19	254	231	245	293	261	281	120	90	100	216	69	172
20	280	254	270	279	256	268	161	120	142	71	55	61
21	292	261	280	267	245	255	181	157	170	90	70	80
22	294	249	275	278	245	268	209	179	192	96	82	88
23	280	249	266	294	257	281	212	189	202	103	62	80
24	277	249	266	264	184	234	190	105	141	87	72	78
25	285	250	272	189	171	179	129	105	116	86	61	70
26	296	267	287	210	189	197	154	127	140	93	67	78
27	310	277	300	213	200	204	165	141	152	117	93	104
28	317	294	307	222	209	215	187	159	171	131	115	123
29	321	286	303	234	222	229	195	172	185	145	130	136
30	306	281	295	237	219	229	202	178	192	161	143	150
31	294	275	286	---	---	---	202	186	197	164	155	161
MONTH	321	151	257	319	171	269	249	90	183	216	55	150

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:55 By ceoberst
APPROVED
DD #7, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	158	146	153	204	187	196	83	64	72	179	153	170
2	162	143	155	204	59	149	104	83	94	171	147	157
3	168	146	158	81	58	70	118	104	111	179	144	159
4	167	148	159	101	81	93	130	115	123	184	55	100
5	172	151	161	124	101	116	147	125	137	69	53	60
6	176	77	147	143	120	132	154	142	148	89	69	79
7	77	57	67	147	131	140	160	145	153	113	89	102
8	98	76	88	151	140	146	163	152	158	131	113	122
9	119	98	112	---	---	---	167	152	158	145	125	134
10	135	116	129	161	139	151	165	152	158	145	114	133
11	142	127	136	163	142	153	181	150	164	142	109	122
12	153	132	142	163	131	153	182	142	166	137	112	127
13	166	147	157	152	100	110	156	93	111	151	130	141
14	173	156	163	118	102	109	143	113	132	142	123	132
15	180	164	171	141	114	127	155	130	147	150	122	140
16	181	169	175	148	129	138	164	141	154	170	138	153
17	182	168	176	158	137	147	189	160	178	175	156	168
18	178	166	173	162	149	154	192	172	183	171	117	141
19	---	---	---	157	145	148	199	173	187	144	116	123
20	---	---	---	176	149	161	207	181	193	149	121	136
21	183	162	173	166	112	150	211	183	197	163	142	153
22	174	155	166	132	111	120	207	192	201	178	157	168
23	183	169	176	157	120	139	209	190	201	193	172	180
24	191	169	180	167	143	156	210	189	200	196	181	188
25	195	177	186	174	150	162	214	197	207	200	184	193
26	186	171	179	169	146	158	223	186	206	206	187	197
27	186	162	177	---	---	---	223	188	204	211	193	201
28	197	180	188	146	108	126	239	208	221	207	166	185
29	---	---	---	169	139	154	224	152	189	196	179	186
30	---	---	---	174	64	147	158	140	148	207	185	193
31	---	---	---	67	55	60	---	---	---	214	199	206
MONTH	197	57	156	204	55	137	239	64	163	214	53	150

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:55 By ceoberst
APPROVED
DD #7, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	216	203	211	207	131	168	231	119	168	265	233	253
2	225	210	216	188	147	170	174	135	154	279	265	272
3	233	212	224	198	140	181	176	143	161	287	269	280
4	230	191	219	175	139	156	225	173	195	286	273	279
5	204	165	189	189	170	177	249	225	231	297	275	290
6	165	61	120	209	189	198	267	249	261	311	296	306
7	79	53	63	223	209	218	272	258	269	337	306	323
8	98	73	87	241	215	230	279	267	274	349	337	345
9	135	97	117	250	223	240	290	264	281	363	339	350
10	156	131	143	255	234	247	302	266	290	364	353	358
11	178	153	165	249	194	222	319	302	313	363	352	357
12	194	169	180	260	105	178	325	312	319	357	348	353
13	211	181	196	131	105	120	342	321	332	361	307	351
14	193	132	177	166	113	136	332	316	320	321	83	196
15	159	101	128	183	159	172	318	311	316	97	77	86
16	138	115	126	206	178	190	339	119	273	98	81	87
17	177	138	157	220	206	216	175	117	136	141	98	115
18	193	171	177	249	220	242	178	141	154	142	56	84
19	212	187	193	278	243	266	173	120	144	107	78	88
20	219	207	214	316	278	303	149	108	123	145	107	124
21	234	216	226	316	306	311	185	118	144	166	105	144
22	242	219	236	332	305	318	220	140	171	112	81	88
23	228	173	210	---	---	---	203	162	186	119	85	99
24	234	94	142	213	76	101	237	199	217	152	119	135
25	133	93	111	106	68	78	256	237	250	174	152	164
26	173	132	147	123	81	102	281	250	272	181	117	151
27	194	169	179	158	121	141	296	268	284	131	92	105
28	208	171	196	164	150	159	284	220	251	128	95	109
29	186	170	179	201	164	184	230	138	168	162	128	147
30	208	173	189	215	191	198	214	163	191	183	160	171
31	---	---	---	220	147	207	233	210	218	---	---	---
MONTH	242	53	171	332	68	194	342	108	228	364	56	207
YEAR	364	53	189									

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:23 By ceoberst
APPROVED
DD #6, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18.1	15.4	16.8	15.0	11.5	13.0	16.0	14.0	15.1	5.5	4.4	5.0
2	18.5	15.3	16.9	15.9	13.2	14.4	14.4	12.8	13.6	---	---	---
3	18.8	15.6	17.2	17.6	14.7	16.1	13.7	12.1	12.8	4.6	3.6	4.1
4	19.1	16.0	17.6	17.2	15.3	16.2	13.0	10.9	12.0	4.4	2.9	3.6
5	18.4	16.6	17.5	16.1	13.7	14.9	12.8	10.3	11.6	4.5	2.5	3.5
6	18.6	17.2	18.1	14.6	12.3	13.5	14.4	11.9	13.0	6.0	4.2	5.0
7	17.9	16.1	17.0	13.6	10.8	12.2	14.9	12.3	13.6	5.5	4.9	5.3
8	16.4	14.7	15.5	13.7	10.8	12.2	15.3	12.9	14.1	5.4	4.0	4.6
9	15.7	13.9	14.9	14.1	11.1	12.5	15.1	13.7	14.4	6.1	3.5	4.7
10	16.8	14.1	15.4	14.2	11.4	12.7	14.4	12.3	13.4	7.8	5.1	6.3
11	17.9	15.9	16.8	13.9	11.0	12.3	12.3	11.8	12.1	10.0	7.6	8.7
12	19.3	17.3	18.3	13.8	11.5	12.5	12.2	11.6	11.9	8.7	7.8	8.1
13	20.5	18.7	19.6	13.1	11.1	12.1	13.4	12.2	12.8	8.4	6.8	7.5
14	20.7	19.5	20.1	13.2	10.7	11.9	15.2	13.4	14.3	7.4	6.4	6.9
15	19.5	17.6	18.6	13.6	10.8	12.1	14.1	12.7	13.4	8.1	6.4	7.2
16	17.6	15.4	16.6	13.4	10.5	11.9	13.1	11.9	12.5	8.1	6.3	7.0
17	15.4	13.5	14.4	13.5	10.4	11.9	---	---	---	8.0	5.7	6.8
18	14.4	11.8	13.2	13.6	11.0	12.3	---	---	---	9.2	7.3	8.2
19	14.7	11.8	13.2	13.7	11.0	12.3	12.7	11.3	11.9	9.3	8.6	8.9
20	16.0	12.7	14.2	13.5	11.7	12.6	11.5	9.4	10.5	8.6	7.3	7.7
21	17.0	13.8	15.3	12.1	10.3	11.2	9.5	8.0	8.8	8.8	7.5	8.1
22	18.2	15.1	16.5	11.8	9.4	10.5	8.7	7.0	7.8	8.9	8.0	8.4
23	18.7	16.1	17.3	12.1	10.5	11.3	9.3	7.4	8.2	9.2	8.6	8.9
24	18.8	16.4	17.6	13.9	12.0	13.2	9.3	8.0	8.9	11.6	9.2	10.3
25	18.4	16.6	17.9	15.8	13.9	14.8	8.0	6.6	7.2	12.3	11.6	12.1
26	16.6	14.4	15.6	15.6	13.9	14.8	6.7	4.9	5.8	11.8	10.0	10.9
27	14.4	12.0	13.0	16.9	15.0	15.8	5.4	3.7	4.6	10.5	9.2	9.8
28	12.0	9.9	11.0	17.0	15.4	16.1	6.4	4.3	5.2	11.3	9.3	10.2
29	11.8	8.8	10.3	17.4	15.4	16.4	8.0	6.1	6.9	12.9	10.5	11.6
30	12.4	8.9	10.5	17.5	16.0	16.8	7.2	6.3	6.6	14.2	12.2	13.1
31	13.0	9.7	11.2	---	---	---	6.3	5.3	5.8	15.4	13.5	14.4
MONTH	20.7	8.8	15.7	17.6	9.4	13.3	16.0	3.7	10.6	15.4	2.5	7.9

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:23 By ceoberst
APPROVED
DD #6, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.4	14.1	15.0	8.0	5.0	6.4	17.1	16.4	16.8	18.7	17.4	18.0
2	14.1	11.5	12.7	7.7	7.1	7.3	18.2	16.2	17.1	20.9	18.0	19.3
3	11.5	9.9	10.5	8.2	7.4	7.9	19.6	16.4	17.8	21.0	20.2	20.5
4	10.2	8.5	9.4	7.7	5.9	7.0	18.1	15.9	17.1	20.4	16.0	18.1
5	8.5	7.2	7.8	7.7	4.8	6.2	17.1	14.5	15.8	16.9	16.0	16.4
6	7.6	6.3	6.9	9.3	5.9	7.5	16.5	13.7	15.1	18.8	16.9	17.8
7	6.6	6.0	6.2	10.8	7.6	9.1	16.4	13.4	14.9	20.0	17.7	18.8
8	7.8	6.3	7.0	12.4	9.2	10.8	17.1	14.8	15.8	21.4	19.1	20.2
9	9.1	6.8	7.9	---	---	---	16.9	16.3	16.6	22.4	20.1	21.2
10	11.7	8.9	10.2	13.7	11.4	12.6	18.0	16.5	17.1	22.4	20.8	21.5
11	11.7	10.2	10.8	12.7	9.9	11.3	17.9	17.1	17.4	21.6	20.7	21.2
12	10.4	8.5	9.5	11.6	11.1	11.4	17.5	17.2	17.3	21.6	20.4	21.0
13	10.1	8.3	9.2	12.4	10.9	11.6	17.6	17.0	17.3	22.0	20.6	21.2
14	10.3	8.0	9.1	15.0	11.7	13.2	18.8	17.0	17.8	20.7	18.9	19.8
15	10.8	8.1	9.4	15.9	13.0	14.5	19.9	17.7	18.7	19.8	17.2	18.5
16	11.9	9.4	10.5	17.1	15.3	16.1	21.0	18.5	19.8	20.2	17.3	18.7
17	11.5	9.5	10.3	19.0	16.3	17.6	22.1	19.6	20.8	21.1	18.5	19.7
18	10.7	8.2	9.4	19.7	17.6	18.6	22.8	20.2	21.4	20.8	19.5	20.3
19	---	---	---	18.7	17.8	18.2	23.5	20.5	21.9	19.8	18.0	18.9
20	---	---	---	18.8	17.1	17.8	23.9	21.5	22.5	18.4	16.7	17.5
21	12.8	9.9	11.3	18.2	16.7	17.4	24.2	21.6	22.7	17.5	15.5	16.5
22	12.0	10.3	11.2	16.7	13.3	14.9	22.7	20.4	21.8	17.9	15.1	16.4
23	11.8	9.2	10.4	13.9	10.9	12.4	21.3	18.4	19.8	18.6	15.0	16.7
24	11.7	8.8	10.1	14.4	10.5	12.5	20.9	18.2	19.5	19.5	15.8	17.6
25	12.2	9.1	10.5	16.4	12.5	14.3	21.0	18.9	19.7	20.6	17.1	18.7
26	12.7	10.3	11.2	16.4	15.4	15.8	19.2	16.8	17.8	21.2	18.5	19.9
27	10.6	7.2	8.8	---	---	---	17.3	16.2	16.8	22.4	19.7	21.0
28	8.1	5.6	6.7	16.3	12.9	14.5	19.7	16.8	18.1	23.2	20.2	21.6
29	---	---	---	16.6	13.3	15.0	20.3	18.8	19.3	23.1	20.3	21.7
30	---	---	---	17.0	15.8	16.4	19.0	17.6	18.2	22.8	20.6	21.7
31	---	---	---	17.1	16.6	16.8	---	---	---	24.2	21.0	22.5
MONTH	15.4	5.6	9.7	19.7	4.8	12.9	24.2	13.4	18.4	24.2	15.0	19.4

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:23 By ceoberst
APPROVED
DD #6, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.3	21.8	23.5	26.8	24.2	25.4	26.6	25.0	25.8	23.9	22.1	22.9
2	26.2	22.5	24.3	26.9	24.5	25.6	26.8	24.8	25.7	24.3	22.4	23.3
3	27.0	23.3	25.1	26.1	24.4	25.1	27.5	24.7	26.0	24.9	22.3	23.6
4	26.9	24.2	25.4	26.6	23.9	25.1	27.6	24.4	25.9	25.9	22.7	24.3
5	25.2	23.7	24.5	27.6	24.3	25.8	27.9	24.4	26.1	26.2	23.6	24.9
6	24.6	23.3	23.9	28.2	25.0	26.5	28.3	25.1	26.6	26.4	24.3	25.3
7	24.0	23.5	23.7	27.7	25.3	26.5	27.2	25.1	26.3	25.5	23.5	24.7
8	25.1	23.7	24.2	27.6	25.1	26.3	26.6	23.7	25.3	25.0	22.8	24.1
9	24.4	22.1	23.2	27.4	24.1	25.8	26.0	23.3	24.8	25.0	22.2	23.8
10	24.5	21.5	22.9	27.2	24.9	26.1	25.9	23.1	24.6	24.6	21.5	23.3
11	24.8	21.6	23.0	26.6	24.7	25.5	25.8	22.7	24.3	24.8	21.7	23.5
12	25.2	21.8	23.4	25.4	23.5	24.1	25.7	22.7	24.3	24.8	22.6	23.8
13	25.6	22.2	23.8	23.7	22.8	23.2	26.0	23.0	24.6	24.2	22.7	23.2
14	24.2	23.2	23.7	25.7	23.2	24.3	26.4	24.2	25.3	23.1	22.6	22.8
15	23.9	22.0	22.9	26.6	23.8	25.1	26.8	24.5	25.7	22.9	22.5	22.8
16	23.2	20.9	22.1	27.7	24.2	25.9	26.4	24.9	25.4	23.8	22.2	22.9
17	23.7	21.3	22.4	28.1	25.0	26.4	26.7	24.5	25.5	24.1	22.9	23.4
18	24.4	21.1	22.7	28.4	25.2	26.7	26.9	24.8	25.7	23.8	22.7	23.2
19	24.1	21.9	23.0	28.4	25.4	26.9	26.4	24.5	25.5	23.7	23.3	23.5
20	25.1	22.2	23.5	28.3	25.5	26.9	26.4	24.3	25.4	24.5	23.2	23.8
21	24.4	22.1	23.2	28.3	25.7	27.1	26.9	24.7	25.7	24.3	23.6	23.9
22	23.3	21.9	22.6	28.1	25.2	26.7	26.4	25.1	25.7	24.1	23.6	23.8
23	23.9	22.1	22.8	---	---	---	27.9	24.8	26.2	24.5	23.3	23.7
24	24.3	22.5	23.4	25.7	24.1	24.7	28.3	25.3	26.7	23.5	22.5	22.9
25	24.8	23.2	23.9	25.0	24.4	24.7	27.8	25.6	26.7	22.5	20.5	21.5
26	24.6	23.6	24.0	25.6	24.3	24.8	27.0	25.4	26.2	20.5	19.8	20.0
27	25.9	23.2	24.4	26.0	24.5	25.2	26.1	24.6	25.1	21.6	20.1	21.0
28	24.6	23.7	24.1	27.5	24.8	26.0	24.6	23.7	24.1	22.0	21.2	21.6
29	25.5	23.1	24.2	28.1	25.5	26.7	23.8	22.9	23.4	22.0	21.4	21.7
30	26.4	23.7	24.9	27.9	25.7	26.8	23.4	23.0	23.2	22.4	21.4	21.8
31	---	---	---	27.7	24.7	26.1	23.2	22.6	22.9	---	---	---
MONTH	27.0	20.9	23.6	28.4	22.8	25.7	28.3	22.6	25.3	26.4	19.8	23.2
YEAR	28.4	2.5	17.3									

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:00 By ceoberst
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:00 By ceoberst
APPROVED
DD #8, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:00 By ceoberst
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	38	5.8	16
2	---	---	---	---	---	---	---	---	---	10	<5.0	5.5
3	---	---	---	---	---	---	---	---	---	22	<5.0	6.0
4	---	---	---	---	---	---	---	---	---	135	18	70
5	---	---	---	---	---	---	---	---	---	89	19	39
6	---	---	---	---	---	---	---	---	---	23	6.8	12
7	---	---	---	---	---	---	---	---	---	11	<5.0	6.8
8	---	---	---	---	---	---	---	---	---	13	<5.0	5.1
9	---	---	---	---	---	---	---	---	---	9.5	<5.0	<5.0
10	---	---	---	---	---	---	---	---	---	12	<5.0	<5.0
11	---	---	---	---	---	---	---	---	---	39	7.2	18
12	---	---	---	---	---	---	---	---	---	20	6.4	12
13	---	---	---	---	---	---	---	---	---	13	<5.0	5.2
14	---	---	---	---	---	---	---	---	---	8.1	<5.0	<5.0
15	---	---	---	---	---	---	---	---	---	11	<5.0	5.2
16	---	---	---	---	---	---	17	5.8	12	12	<5.0	5.5
17	---	---	---	---	---	---	12	<5.0	7.5	7.3	<5.0	<5.0
18	---	---	---	---	---	---	10	<5.0	5.6	7.3	<5.0	<5.0
19	---	---	---	---	---	---	11	<5.0	5.0	9.9	<5.0	<5.0
20	---	---	---	---	---	---	12	<5.0	5.1	10	<5.0	<5.0
21	---	---	---	---	---	---	8.7	<5.0	<5.0	---	---	---
22	---	---	---	---	---	---	9.8	<5.0	<5.0	---	---	---
23	---	---	---	---	---	---	8.7	<5.0	<5.0	14	<5.0	5.6
24	---	---	---	---	---	---	7.4	<5.0	<5.0	903	<5.0	152
25	---	---	---	---	---	---	7.2	<5.0	<5.0	487	72	152
26	---	---	---	---	---	---	7.2	<5.0	<5.0	---	---	---
27	---	---	---	---	---	---	7.7	<5.0	<5.0	40	10	19
28	---	---	---	---	---	---	5.5	<5.0	<5.0	41	9.5	13
29	---	---	---	---	---	---	19	<5.0	<5.0	20	<5.0	9.9
30	---	---	---	---	---	---	32	10	20	17	<5.0	5.7
31	---	---	---	---	---	---	28	<5.0	5.9	---	---	---
MAX	---	---	---	---	---	---	32	10	20	903	72	152
MIN	---	---	---	---	---	---	5.5	<5.0	<5.0	7.3	<5.0	<5.0

YEAR		
	MAX	MAXIMUM 903 MINIMUM 5.5
	MIN	MAXIMUM 72 MINIMUM <5.0
	MEDIAN	MAXIMUM 152 MINIMUM <5.0

< Actual value is known to be less than the value shown

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 12:08 By ceoberst
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.8	<5.0	5.8	<5.0	<5.0	<5.0	---	---	---	9.3	<5.0	5.5
2	8.2	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	8.0	<5.0	6.1
3	9.5	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	7.5	5.3	6.0
4	9.0	<5.0	<5.0	5.3	<5.0	<5.0	---	---	---	8.3	5.9	7.0
5	8.2	<5.0	<5.0	5.4	<5.0	<5.0	---	---	---	8.9	6.2	7.1
6	285	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	101	6.3	27
7	386	12	16	<5.0	<5.0	<5.0	---	---	---	122	34	62
8	20	11	14	<5.0	<5.0	<5.0	8.6	<5.0	<5.0	36	15	21
9	14	8.7	10	<5.0	<5.0	<5.0	10	<5.0	<5.0	16	8.5	12
10	13	8.1	9.8	<5.0	<5.0	<5.0	13	<5.0	5.0	12	6.2	8.6
11	12	6.3	8.0	<5.0	<5.0	<5.0	44	8.0	29	10	<5.0	6.6
12	13	6.1	7.6	<5.0	<5.0	<5.0	29	10	16	18	<5.0	6.6
13	14	5.8	8.3	<5.0	<5.0	<5.0	13	<5.0	8.4	17	7.8	11
14	170	6.7	14	<5.0	<5.0	<5.0	21	6.4	10	9.7	<5.0	5.5
15	186	38	59	<5.0	<5.0	<5.0	22	8.3	12	8.1	<5.0	5.0
16	54	28	34	<5.0	<5.0	<5.0	15	5.4	7.9	7.7	<5.0	5.2
17	34	25	28	<5.0	<5.0	<5.0	48	<5.0	6.2	9.1	<5.0	6.5
18	36	<5.0	29	5.9	<5.0	<5.0	380	48	172	8.5	<5.0	4.5
19	13	<5.0	6.2	5.8	<5.0	<5.0	107	28	59	975	<5.0	7.6
20	---	---	---	6.9	<5.0	<5.0	33	12	17	552	153	277
21	---	---	---	<5.0	<5.0	<5.0	14	6.5	9.1	159	95	119
22	---	---	---	5.0	<5.0	<5.0	9.1	5.2	6.8	127	61	84
23	5.2	<5.0	<5.0	12	<5.0	<5.0	20	5.3	6.6	355	72	169
24	6.7	<5.0	<5.0	93	9.8	<5.0	68	12	51	173	76	110
25	---	---	---	30	12	20	49	17	27	281	110	189
26	---	---	---	17	9.8	12	21	9.6	13	144	76	109
27	---	---	---	20	9.6	13	13	7.7	10	83	41	60
28	<5.0	<5.0	<5.0	22	8.6	13	9.3	5.7	7.6	50	26	35
29	<5.0	<5.0	<5.0	22	9.9	13	8.9	5.1	6.4	32	20	24
30	<5.0	<5.0	<5.0	---	---	---	9.1	<5.0	6.2	25	15	20
31	6.7	<5.0	<5.0	---	---	---	7.4	<5.0	5.4	21	13	16
MAX	386	38	59	93	12	20	380	48	172	975	153	277
MIN	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.4	<5.0	<5.0	7.5	<5.0	4.5

< Actual value is known to be less than the value shown

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 12:08 By ceoberst
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23	16	18	7.4	5.4	6.2	204	91	140	15	6.3	11
2	26	15	18	480	5.9	86	107	45	64	19	6.5	11
3	22	13	15	434	92	150	52	25	34	52	7.0	12
4	17	12	14	108	46	68	28	16	23	483	38	304
5	16	12	13	55	28	36	22	11	16	308	148	200
6	293	12	18	35	17	23	18	11	12	148	62	96
7	259	81	136	26	14	18	17	7.1	9.9	72	31	46
8	99	52	68	19	11	14	12	6.3	8.4	36	18	26
9	68	32	44	42	9.5	16	11	5.4	7.6	25	11	17
10	57	18	27	21	8.7	12	10	5.8	7.7	58	14	32
11	31	14	19	14	7.0	9.0	8.1	<5.0	5.4	99	30	46
12	19	12	14	66	7.9	16	90	<5.0	6.1	42	14	25
13	16	12	14	77	39	53	148	34	77	29	8.5	14
14	16	10	13	48	19	30	35	14	20	49	25	35
15	15	9.7	12	22	10	14	17	6.9	11	28	8.9	15
16	12	8.0	10	16	7.2	9.7	13	<5.0	7.7	13	5.2	9.1
17	12	7.4	9.8	10	5.0	8.5	10	<5.0	5.5	14	<5.0	7.1
18	12	7.7	9.5	11	<5.0	7.0	9.4	<5.0	<5.0	105	6.8	66
19	10	6.8	8.3	12	<5.0	6.6	13	<5.0	<5.0	65	15	28
20	15	7.6	9.2	11	<5.0	6.7	7.1	<5.0	<5.0	16	6.7	10
21	15	8.6	11	48	6.5	24	7.6	<5.0	<5.0	10	<5.0	7.1
22	14	6.4	8.8	46	13	23	7.9	<5.0	<5.0	8.3	<5.0	5.6
23	9.9	5.8	7.3	16	6.9	10	8.3	<5.0	<5.0	8.2	<5.0	5.3
24	7.9	<5.0	6.3	10	<5.0	7.0	7.5	<5.0	<5.0	7.9	<5.0	<5.0
25	7.7	<5.0	6.0	9.7	<5.0	6.0	11	<5.0	<5.0	7.2	<5.0	<5.0
26	7.3	<5.0	6.1	23	<5.0	6.6	10	<5.0	5.3	7.4	<5.0	<5.0
27	8.0	<5.0	6.0	78	18	52	6.5	<5.0	<5.0	6.5	<5.0	<5.0
28	7.2	<5.0	6.0	55	9.4	19	5.5	<5.0	<5.0	5.3	<5.0	<5.0
29	---	---	---	14	5.0	7.5	101	<5.0	46	5.3	<5.0	<5.0
30	---	---	---	537	<5.0	22	37	11	18	5.4	<5.0	<5.0
31	---	---	---	439	155	241	---	---	---	<5.0	<5.0	<5.0
MAX	293	81	136	537	155	241	204	91	140	483	148	304
MIN	7.2	<5.0	6.0	7.4	<5.0	6.0	5.5	<5.0	<5.0	<5.0	<5.0	<5.0

< Actual value is known to be less than the value shown

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 12:08 By ceoberst
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TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	<5.0	<5.0	<5.0	78	5.1	46	135	39	84	18	<5.0	8.3
2	5.5	<5.0	<5.0	40	9.1	12	74	25	36	---	---	---
3	<5.0	<5.0	<5.0	81	8.2	23	47	11	18	---	---	---
4	20	<5.0	<5.0	66	<5.0	13	16	<5.0	7.8	19	6.7	10
5	66	15	22	9.7	<5.0	<5.0	12	<5.0	5.7	16	6.6	9.9
6	683	25	45	8.7	<5.0	<5.0	12	<5.0	5.0	14	5.5	9.3
7	729	142	312	6.5	<5.0	<5.0	11	<5.0	<5.0	14	5.5	9.1
8	147	37	82	6.3	<5.0	<5.0	12	<5.0	<5.0	14	6.0	8.9
9	43	14	24	10	<5.0	<5.0	10	<5.0	<5.0	14	5.8	8.6
10	16	6.6	11	9.1	<5.0	<5.0	11	<5.0	<5.0	13	6.3	9.0
11	13	<5.0	7.3	64	<5.0	11	9.1	<5.0	<5.0	15	7.8	11
12	12	<5.0	5.0	84	7.0	60	7.7	<5.0	<5.0	13	6.5	9.2
13	45	<5.0	<5.0	210	15	32	8.5	<5.0	<5.0	45	9.0	14
14	236	8.6	24	164	14	50	9.3	<5.0	<5.0	503	32	145
15	230	37	97	17	5.2	10	9.2	<5.0	<5.0	207	93	139
16	38	12	20	12	<5.0	5.0	131	<5.0	38	123	34	65
17	16	5.2	9.0	7.0	<5.0	<5.0	115	22	39	43	13	25
18	8.7	<5.0	5.9	6.8	<5.0	<5.0	57	19	33	880	13	416
19	12	<5.0	<5.0	8.0	<5.0	<5.0	86	17	53	236	51	98
20	6.5	<5.0	<5.0	7.4	<5.0	<5.0	164	30	86	52	18	30
21	7.9	<5.0	<5.0	5.4	<5.0	<5.0	52	17	30	103	18	32
22	6.4	<5.0	<5.0	<5.0	<5.0	<5.0	30	14	20	338	75	198
23	46	<5.0	9.6	204	<5.0	<5.0	18	5.1	11	130	38	68
24	237	27	84	632	104	260	13	<5.0	6.5	38	15	24
25	71	15	28	438	120	188	9.9	<5.0	5.6	31	12	16
26	17	5.3	10	124	29	58	11	<5.0	5.0	67	29	48
27	13	<5.0	5.9	41	18	27	11	<5.0	7.8	152	56	114
28	88	5.1	8.7	27	12	16	62	6.3	13	99	29	51
29	17	<5.0	8.2	16	5.7	9.3	133	23	50	33	13	21
30	30	<5.0	6.2	16	<5.0	7.3	37	10	19	17	8.9	12
31	---	---	---	314	<5.0	8.9	18	7.1	12	---	---	---
MAX	729	142	312	632	120	260	164	39	86	880	93	416
MIN	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.7	<5.0	<5.0	13	<5.0	8.3

YEAR			
	MAX	MAXIMUM 975	MINIMUM <5.0
	MIN	MAXIMUM 155	MINIMUM <5.0
	MEDIAN	MAXIMUM 416	MINIMUM 4.5

< Actual value is known to be less than the value shown

ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA

LOCATION.—Lat 33°46'22", long 84°03'30" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, on GA 124 bridge, 5.0 miles south of the intersection of GA 124 and US 78.

DRAINAGE AREA.—162 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.— August 16, 2001 to current year.

REMARKS.— Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
DEC										
27...	1257	3.24	118	--	12.3	97	7.4	171	5.0	5.0
APR										
19...	1615	4.15	323	--	--	--	7.5	154	22.5	17.6
24...	1100	3.66	198	--	--	--	7.6	180	--	21.0
JUL										
18...	1135	2.84	64	2.3	8.1	E96	7.6	233	32.0	24.2
AUG										
16...	1224	3.11	130	9.3	7.7	92	7.4	181	31.0	25.0
SEP										
24-25	0600	--	--	93	8.0	91	6.8	132	--	21.8

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
DEC													
27...	1257	3.24	118	--	4.6	--	169	6	111	.36	2.40	2.8	<.02
JAN													
19-20	1245	--	--	--	140	--	92	120	55	.82	.870	1.7	.03
MAR													
02-04	1700	--	--	--	350	6.7	82	520	54	1.6	.760	2.4	<.02
APR													
03-04	0900	--	--	80	180	7.2	87	170	53	.94	.950	1.9	<.02
19...	1615	4.15	323	--	4.6	7.7	156	<1	98	.29	1.60	1.9	<.02
24...	1100	3.66	198	--	3.1	7.7	183	5	112	.26	2.00	2.3	<.02
JUL													
18...	1135	2.84	64	--	2.9	7.8	235	2	141	.38	2.70	3.1	<.02
AUG													
23...	1335	2.91	95	--	3.1	8.1	248	1	145	.30	3.00	3.3	<.02
AUG 29-													
SEP 01	1845	--	--	--	11	7.8	213	9	127	<.20	2.80	--	<.020
SEP													
24-25	0600	--	--	--	250	7.0	139	275	81	1.5	1.60	3.1	<.02

02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA—continued.

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
DEC				
27...	<.02	.6	<5	54
JAN				
19-20	.14	--	6	--
MAR				
02-04	.29	2.4	13	--
APR				
03-04	.15	E3.3	29	--
19...	<.02	.8	<5	--
24...	<.02	1.0	<5	--
JUL				
18...	<.02	E.1	11	--
AUG				
23...	<.02	.7	6	--
AUG 29-SEP 01	<.020	--	16	--
SEP				
24-25	.23	3.0	19	--

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CALCIUM TOTAL RECOV-ERABLE (MG/L AS CA) (00916)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MAGNE-SIUM, TOTAL RECOV-ERABLE (MG/L AS MG) (00927)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)
DEC													
27...	1257	3.24	118	46	--	14	--	2.6	--	<.5	--	<1.0	--
JAN													
19-20	1245	--	--	25	--	6.8	--	1.9	--	<.5	--	3.6	--
MAR													
02-04	1700	--	--	22	6.3	7.6	1.5	3.6	<.5	<.5	<1	14	<2.0
APR													
03-04	0900	--	--	23	6.7	--	1.6	2.0	<.5	<.5	<1	5.0	<2.0
19...	1615	4.15	323	41	12	--	2.6	--	<.5	<.5	<1	<1.0	<2.0
24...	1100	3.66	198	46	14	--	2.7	--	<.5	<.5	<1	<1.0	<2.0
JUL													
18...	1135	2.84	64	52	16	--	2.9	--	<.5	<.5	<1	<1.0	<2.0
AUG													
23...	1335	2.91	95	56	18	--	2.7	--	<.5	<.5	<1.0	<1.0	<2.0
AUG 29-SEP 01	1845	--	--	45	13.8	--	2.44	--	--	<.50	.361	<1	2.08
SEP													
24-25	0600	--	--	32	10	--	1.7	--	<.5	<.5	<1.0	7.6	<2.0

02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA—continued.

Date	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)
DEC									
27...	<2.0	--	554	--	<2	--	120	--	10
JAN									
19-20	4.8	--	4300	--	3	--	570	--	27
MAR									
02-04	14	120	14000	<2	15	3.5	1700	3	92
APR									
03-04	5.7	49	4700	<2	7	21	420	3	30
19...	<2.0	--	--	<2	<2	46	61	5	9
24...	<2.0	--	--	<2	<2	49	65	6	7
JUL									
18...	<2.0	--	--	<2	<2	42	47	9	10
AUG									
23...	<2.0	--	--	<2.0	<2.0	49	54	11	12
AUG 29-SEP 01	<2.0	--	--	.690	<2	3.59	90	12.3	16
SEP									
24-25	9.4	--	--	<2.0	8.7	1.3	1620	5.3	56

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
OCT										
25...	0940	2.92	72	2.0	7.9	85	7.6	288	16.9	17.5
DEC										
11-11	1430	3.07	92	30	10.3	98	7.3	140	--	12.1
FEB										
06-06	1615	4.19	334	55	12.1	102	7.4	134	5.0	6.7
13...	1100	3.44	155	11	11.3	97	7.4	163	12.5	8.7
MAR										
02-02	1327	4.63	486	120	11.8	99	7.9	142	--	7.5
07...	1202	3.54	175	16	11.0	96	7.1	141	--	8.6
APR										
08...	1146	3.53	169	11	10.1	102	7.1	157	25.5	15.1
17...	0851	3.44	155	--	8.5	93	6.8	180	22.5	19.6
JUN										
04...	0844	3.01	66	3.3	7.2	88	7.6	235	--	24.1
JUN										
06-06	1038	4.22	3.3	40	7.8	92	6.9	125	29.0	23.6
JUL										
24-24	1025	5.53	870	350	7.4	88	6.7	77	--	24.4
AUG										
01-01	1113	3.64	173	44	7.5	93	7.4	233	--	25.2

02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
14-14	0837	--	--	--	7.6	251	14	--	150	--	<.20c	--	3.10
25...	0905	2.92	71	4.0	7.8	290	2	--	170	--	E.40c	--	.950
DEC													
10-11	1100	--	--	18	7.9	210	22	4	128	<.002	.60	2.70	2.80
FEB													
06-07	1828	--	--	170	7.0	76	168	25	48	.074	.90	.76	.770
13...	1115	3.44	155	10	7.6	167	10	2	104	.058	.50	1.90	2.00
MAR													
02-04	0500	--	--	140	7.0	80	177	25	54	.068	.90	.82	.830
APR													
08...	1055	3.50	169	8.8	7.6	162	8	3	94	.053	.30	1.50	1.50
17...	0900	3.45	155	8.8	7.6	175	6	<1	104	.036	.30	1.80	1.80
JUN													
04...	0855	2.98	66	3.2	7.7	241	3	1	147	.033	.40	2.60	2.60
JUN													
06-07	1200	--	--	350	6.8	69	356	58	49	.065	1.3	.76	.790
JUL													
23-24	2015	--	--	330	7.2	148	291	47	89	.034	2.0	1.70	1.70
JUL 31-													
AUG 01	1937	--	--	88	7.2	161	83	14	102	.037	.70	1.40	1.40
14...	1035	2.78	44	2.2	7.8	325	2	<1	191	.039	.60	3.00	3.10

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
14-14	--	<.02	<.02	1.9	10	--	--
25...	--	<.02c	<.02c	1.2	15	--	--
DEC							
10-11	3.4	.04	.04	2.3	10	--	--
FEB							
06-07	1.7	<.02	.14	2.6	<5	--	--
13...	2.5	<.02	.02	.9	<5	--	--
MAR							
02-04	1.7	.04	.14	1.0	10	--	--
APR							
08...	1.8	<.02	<.02	.9	<5	--	--
17...	2.1	<.02	<.02	.3	6	--	--
JUN							
04...	3.0	<.02	<.02	.2	<5	--	--
JUN							
06-07	2.1	<.02	.20	3.9	22	62	447
JUL							
23-24	3.7	.02	.22	4.1	14	--	--
JUL 31-							
AUG 01	2.1	<.02	.08	2.9	8	--	--
14...	3.7	.02	.03	.5	11	40	5.0

02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT													
14-14	0837	--	--	59	19	2.7	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
25...	0905	2.92	71	68	22	3.1	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
DEC													
10-11	1100	--	--	49	15	2.7	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
FEB													
06-07	1828	--	--	20	5.7	1.4	<.5	<.5	<1.0	4.7	<2.0	7.1	<2.0
13...	1115	3.44	155	41	12	2.7	<.5	<.5	<1.0	<1.0	<2.0	3.1	<2.0
MAR													
02-04	0500	--	--	22	6.3	1.5	<.5	<.5	<1.0	4.9	<2.0	6.1	<2.0
APR													
08...	1055	3.50	169	42	12	2.8	<.5	<.5	<1.0	<1.0	2.6	2.4	<2.0
17...	0900	3.45	155	47	14	2.9	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
JUN													
04...	0855	2.98	66	52	16	3.0	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
JUN													
06-07	1200	--	--	18	5.3	1.2	<.5	<.5	<1.0	9.0	<2.0	10	<2.0
JUL													
23-24	2015	--	--	32	10	1.7	<.5	<.5	<1.0	9.1	<2.0	11	<2.0
JUL 31-													
AUG 01	1937	--	--	39	12	2.1	<.5	<.5	<1.0	2.7	<2.0	3.2	<2.0
14...	1035	2.78	44	62	20	2.9	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0

Date	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)
OCT					
14-14	<2.0	23	130	11	13
25...	<2.0	53	61	15	14
DEC					
10-11	<2.0	36	269	9.2	13
FEB					
06-07	4.7	45	635	3.6	32
13...	<2.0	45	68	8.8	10
MAR					
02-04	5.8	29	682	3.7	34
APR					
08...	<2.0	50	70	7.1	9.1
17...	<2.0	35	66	5.9	7.2
JUN					
04...	<2.0	38	52	11	11
JUN					
06-07	12	6.5	1030	2.7	62
JUL					
23-24	12	22	1640	6.6	80
JUL 31-					
AUG 01	3.6	42	302	8.2	28
14...	<2.0	69	78	18	18

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

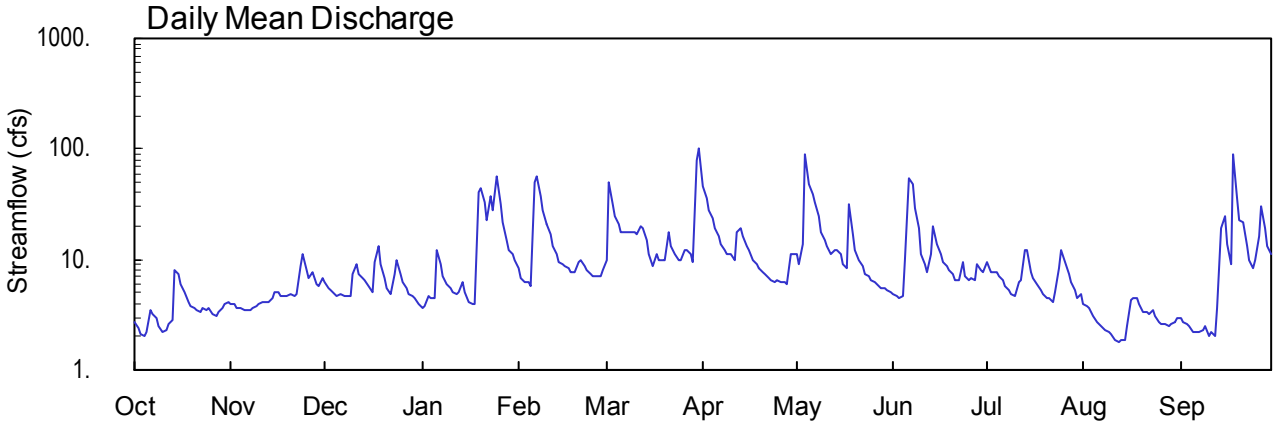
ALTAMAHA RIVER BASIN

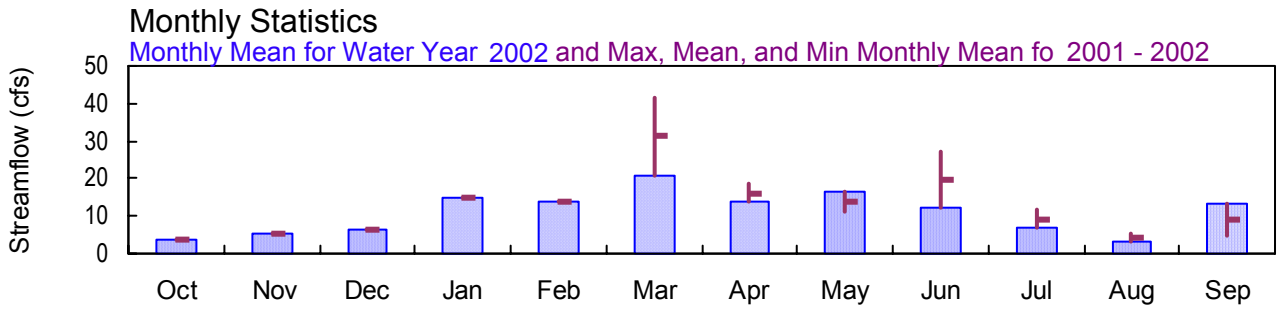
2002 Water Year

02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE, GA

Latitude: 33°46'41" Longitude: 84°02'17" Hydrologic Unit Code: 03070103 Gwinnett County

Drainage Area: 10.14 mi^2 Datum: 735.00 feet





ALTAMAHA RIVER BASIN
2002 Water Year

02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE, GA

LOCATION.—Lat 33°46'41", long 84°02'17" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 5.0 feet downstream of bridge on County Road 135, and 3.4 miles east of Centerville.

DRAINAGE AREA.—10.1 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 735.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 735.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.17 feet, March 30; minimum gage-height recorded, 1.77 feet, October 3-5.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 1, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14* CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-12 08:34 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	4.0	6.2	3.7	8.2	e10	46	11	4.9	e9.5	4.0	2.9
2	2.4	4.0	5.6	3.8	6.9	e51	36	9.2	4.7	e7.8	3.8	2.7
3	2.1	3.7	5.3	4.7	6.3	e32	28	14	4.5	7.7	3.7	2.6
4	2.0	3.6	4.8	4.5	6.2	e25	24	89	4.6	7.7	3.1	2.5
5	2.2	3.5	4.6	4.4	5.7	e21	19	47	9.9	7.0	2.7	2.2
6	3.5	3.5	4.8	12	49	e18	16	39	55	6.4	2.6	2.2
7	3.2	3.5	4.6	9.1	56	e18	14	33	47	5.8	2.4	2.2
8	3.0	3.7	4.6	7.2	37	e18	12	25	29	5.2	2.3	e2.3
9	e2.5	3.8	4.6	6.0	28	e18	11	18	19	4.8	2.2	e2.5
10	2.2	3.9	7.4	5.4	21	e18	11	15	11	4.7	2.1	e2.0
11	2.3	4.1	8.9	5.0	17	e17	9.7	13	9.0	6.2	1.9	e2.2
12	2.6	4.2	7.3	4.9	13	20	18	11	7.7	6.4	1.8	e2.0
13	2.8	4.2	6.7	5.0	11	19	19	12	11	12	1.9	3.7
14	8.1	4.5	6.4	6.2	9.6	15	16	12	20	12	1.9	19
15	7.5	5.0	5.7	5.1	9.0	e11	13	11	14	7.7	2.5	25
16	6.0	5.1	5.1	4.2	8.6	e8.7	12	9.2	11	6.8	4.3	14
17	5.0	4.7	9.5	3.9	8.2	e11	10	8.2	9.6	5.9	4.5	9.0
18	4.2	4.6	13	3.9	7.8	e10	9.2	32	8.7	5.3	4.4	90
19	3.8	4.7	8.9	40	7.6	e10	8.5	17	8.0	4.8	4.0	36
20	3.7	4.8	6.8	45	9.6	e10	7.8	12	7.3	4.4	3.4	23
21	3.5	4.6	5.5	33	9.7	18	7.3	10	6.6	4.5	3.3	22
22	3.4	4.8	4.8	23	8.7	13	6.8	8.6	6.4	4.2	3.2	13
23	3.6	8.6	7.3	38	7.9	11	6.5	7.5	9.3	5.0	3.5	10
24	3.5	11	9.8	28	7.4	10	6.2	7.1	7.2	8.5	3.1	8.3
25	3.6	8.1	7.5	57	7.1	9.8	6.4	6.6	6.6	12	2.7	9.8
26	3.2	6.9	6.2	32	7.0	12	6.3	6.2	6.7	9.4	2.6	16
27	3.1	7.8	5.4	22	e7.1	12	6.2	5.9	6.5	7.5	2.6	30
28	3.3	6.1	4.9	15	e8.0	11	6.1	5.6	9.0	6.2	2.5	19
29	3.6	5.7	4.7	12	---	9.4	11	5.5	8.1	5.2	2.6	13
30	3.9	6.9	4.4	11	---	79	11	5.3	e7.8	4.4	2.7	11
31	4.2	---	3.9	10	---	103	---	5.1	---	4.9	2.9	---
TOTAL	110.7	153.6	195.2	465.0	388.6	648.9	414.0	511.0	370.1	209.9	91.2	400.1
MEAN	3.57	5.12	6.30	15.0	13.9	20.9	13.8	16.5	12.3	6.77	2.94	13.3
MAX	8.1	11	13	57	56	103	46	89	55	12	4.5	90
MIN	2.0	3.5	3.9	3.7	5.7	8.7	6.1	5.1	4.5	4.2	1.8	2.0
AC-FT	220	305	387	922	771	1290	821	1010	734	416	181	794
CFSM	0.35	0.50	0.62	1.48	1.37	2.06	1.36	1.63	1.22	0.67	0.29	1.32
IN.	0.41	0.56	0.72	1.71	1.43	2.38	1.52	1.87	1.36	0.77	0.33	1.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	3.57	5.12	6.30	15.0	13.9	31.3	16.2	13.7	19.7	9.26	4.02	8.94
MAX	3.57	5.12	6.30	15.0	13.9	41.7	18.6	16.5	27.1	11.8	5.10	13.3
(WY)	2002	2002	2002	2002	2002	2001	2001	2002	2001	2001	2001	2002
MIN	3.57	5.12	6.30	15.0	13.9	20.9	13.8	11.0	12.3	6.77	2.94	4.54
(WY)	2002	2002	2002	2002	2002	2002	2002	2001	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	3958.3			
ANNUAL MEAN	10.8		10.8	
HIGHEST ANNUAL MEAN			10.8	2002
LOWEST ANNUAL MEAN			10.8	2002
HIGHEST DAILY MEAN	103	Mar 31	156	Mar 15 2001
LOWEST DAILY MEAN	1.8	Aug 12	1.4	Sep 23 2001
ANNUAL SEVEN-DAY MINIMUM	2.0	Aug 8	2.0	Aug 8 2002
MAXIMUM PEAK FLOW	633	Mar 30	633	Mar 30 2002
MAXIMUM PEAK STAGE	8.17	Mar 30	8.17	Mar 30 2002
ANNUAL RUNOFF (AC-FT)	7850		7860	
ANNUAL RUNOFF (CFSM)	1.07		1.07	
ANNUAL RUNOFF (INCHES)	14.52		14.53	
10 PERCENT EXCEEDS	22		22	
50 PERCENT EXCEEDS	7.0		7.0	
90 PERCENT EXCEEDS	2.7		2.7	

e Estimated

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14* DATUM 735 NGVD29
Date Processed: 2003-03-12 08:32 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.83	1.89	1.97	1.87	2.04	---	2.95	2.16	1.92	---	1.90	1.86
2	1.81	1.88	1.94	1.88	1.99	---	2.70	2.10	1.91	---	1.89	1.86
3	1.79	1.87	1.93	1.91	1.97	---	2.54	2.21	1.90	2.00	1.88	1.85
4	1.79	1.87	1.92	1.91	1.97	---	2.45	3.67	1.91	2.00	1.85	1.84
5	1.80	1.86	1.91	1.90	1.95	---	2.35	2.93	2.08	1.98	1.85	1.83
6	1.86	1.86	1.92	2.12	2.91	---	2.28	2.73	3.03	1.96	1.84	1.83
7	1.85	1.87	1.91	2.07	3.14	---	2.22	2.60	2.92	1.93	1.83	1.83
8	1.84	1.87	1.91	2.00	2.70	---	2.17	2.44	2.50	1.91	1.82	---
9	---	1.88	1.91	1.96	2.51	---	2.15	2.27	2.30	1.89	1.82	---
10	1.80	1.88	2.01	1.94	2.35	---	2.14	2.21	2.11	1.89	1.81	---
11	1.80	1.89	2.06	1.92	2.25	---	2.12	2.17	2.04	1.95	1.81	---
12	1.82	1.89	2.01	1.92	2.18	2.32	2.30	2.12	2.00	1.96	1.80	---
13	1.83	1.89	1.99	1.92	2.12	2.29	2.35	2.15	2.06	2.09	1.81	1.87
14	2.03	1.90	1.98	1.97	2.08	2.21	2.27	2.16	2.30	2.11	1.81	2.35
15	2.01	1.92	1.95	1.93	2.06	---	2.21	2.11	2.18	2.00	1.84	2.48
16	1.96	1.93	1.93	1.89	2.05	---	2.17	2.07	2.10	1.97	1.93	2.23
17	1.92	1.91	2.04	1.88	2.04	---	2.13	2.04	2.06	1.95	1.93	2.09
18	1.89	1.91	2.17	1.88	2.02	---	2.10	2.58	2.03	1.93	1.93	3.69
19	1.88	1.91	2.06	2.69	2.02	---	2.08	2.25	2.01	1.91	1.91	2.71
20	1.87	1.92	1.99	2.87	2.08	---	2.05	2.15	1.99	1.89	1.89	2.42
21	1.87	1.91	1.94	2.60	2.08	2.29	2.04	2.10	1.96	1.89	1.88	2.40
22	1.86	1.92	1.92	2.40	2.05	2.17	2.02	2.05	1.95	1.88	1.88	2.21
23	1.87	2.03	2.00	2.73	2.03	2.13	2.01	2.01	2.05	1.91	1.89	2.14
24	1.86	2.11	2.08	2.50	2.01	2.10	2.00	2.00	1.98	2.05	1.88	2.07
25	1.87	2.03	2.01	3.14	2.00	2.09	2.01	1.98	1.96	2.15	1.86	2.11
26	1.85	1.99	1.97	2.58	2.00	2.15	2.00	1.97	1.97	2.07	1.85	2.26
27	1.85	2.02	1.94	2.36	---	2.15	2.00	1.95	1.96	2.01	1.85	2.58
28	1.85	1.96	1.92	2.22	---	2.11	1.99	1.94	2.04	1.97	1.85	2.34
29	1.87	1.95	1.91	2.15	---	2.08	2.14	1.94	2.01	1.93	1.85	2.21
30	1.88	1.99	1.90	2.13	---	3.02	2.15	1.93	---	1.91	1.86	2.14
31	1.89	---	1.88	2.10	---	3.86	---	1.93	---	1.93	1.86	---
MEAN	---	1.92	1.97	2.17	---	---	2.20	2.22	---	---	1.86	---
MAX	---	2.11	2.17	3.14	---	---	2.95	3.67	---	---	1.93	---
MIN	---	1.86	1.88	1.87	---	---	1.99	1.93	---	---	1.80	---

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14* DATUM 735 NGVD29
Date Processed: 2003-03-12 08:32 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.06	---	0.00	0.10	0.00	---	0.02	0.00
2	0.00	0.00	0.00	0.0	0.00	---	0.01	0.00	0.00	---	0.10	0.00
3	0.00	0.00	0.01	0.00	0.01	---	0.00	0.73	0.00	0.0	0.01	0.00
4	0.00	0.00	0.00	0.02	0.02	---	0.00	2.13	0.71	0.00	0.00	0.00
5	0.01	0.00	0.00	0.18	0.00	---	0.01	0.00	0.83	0.00	0.01	0.00
6	0.22	0.00	0.00	0.56	2.18	---	0.00	0.00	2.42	0.00	0.01	0.00
7	0.00	0.00	0.00	0.01	0.20	---	0.00	0.00	0.01	0.00	0.01	---
8	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.02	0.01	---
9	0.0	0.00	0.00	0.00	0.00	---	0.29	0.12	0.00	0.00	0.00	---
10	0.00	0.00	0.66	0.00	0.00	---	0.00	0.29	0.00	0.10	0.00	0.00
11	0.00	0.00	0.02	0.01	0.01	---	0.00	0.01	0.00	0.05	---	0.00
12	0.01	0.00	0.00	0.16	0.01	---	0.83	0.00	0.00	0.34	---	0.00
13	0.00	0.00	0.12	0.00	0.01	---	0.13	0.28	1.23	1.24	---	1.18
14	0.65	0.00	0.05	0.01	0.01	---	0.00	0.00	0.75	0.02	---	1.06
15	0.00	0.00	0.00	0.00	0.00	---	0.01	0.00	0.00	0.01	---	0.90
16	0.00	0.00	0.00	0.00	0.00	---	0.05	0.00	0.00	0.00	---	0.02
17	0.00	0.00	0.65	0.00	0.00	---	0.01	0.27	0.02	0.01	---	0.00
18	0.00	0.00	0.00	0.01	0.12	---	0.00	1.12	0.00	0.00	---	---
19	0.00	0.00	0.00	1.93	0.00	---	0.00	0.00	0.00	0.03	---	0.01
20	0.00	0.00	0.00	0.00	0.34	0.76	0.00	0.00	0.00	0.00	0.01	0.14
21	0.00	0.00	0.00	0.31	0.01	0.35	0.00	0.00	0.00	0.00	0.00	0.50
22	0.00	0.00	0.00	0.67	0.00	0.00	0.03	0.02	0.27	0.01	0.00	0.01
23	0.00	0.80	0.57	0.10	0.00	0.00	0.03	0.00	0.81	0.49	0.00	0.01
24	0.00	0.02	0.00	1.12	0.00	0.00	0.00	0.00	0.01	0.13	0.00	0.00
25	0.01	0.03	0.00	0.09	0.00	0.00	0.16	0.00	0.01	0.00	0.00	0.63
26	0.01	0.48	0.00	0.00	0.02	0.40	0.00	0.00	0.09	0.06	0.03	0.49
27	0.00	0.01	0.01	0.00	---	0.00	0.00	0.00	0.19	0.02	0.01	0.39
28	0.00	0.00	0.00	0.00	---	0.00	0.15	0.01	0.51	0.00	0.02	0.01
29	0.0	0.00	0.00	0.00	---	0.00	0.01	0.00	---	0.00	0.00	0.00
30	0.00	0.22	0.00	0.00	---	3.00	0.21	0.00	---	0.00	0.00	0.00
31	0.00	---	0.00	0.03	---	0.22	---	0.00	---	1.10	0.00	---
TOTAL	0.91	1.56	2.09	5.21	---	---	1.93	5.08	---	---	---	---

ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE, GA

LOCATION.—Lat 33°46'41", long 84°02'17" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 5.0 feet downstream of bridge on County Road 135, and 3.4 miles east of Centerville.

DRAINAGE AREA.—10.1 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.— March 1, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: March 1, 2001 to current year.
WATER TEMPERATURE: March 1, 2001 to current year.
TURBIDITY: March 2, 2001 to current year.

INSTRUMENTATION.— Satellite telemetry with a continuous water-quality monitor.

REMARKS.— Records fair, except turbidity, which are poor. Water Year 2001 specific conductance and water temperature published in Water Resources Data-Georgia, 2001.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum recorded, 266 microsiemens, September 16, 2002; minimum recorded, 21 microsiemens, March 30, 31, 2002.
WATER TEMPERATURE: Maximum recorded 26.7°C, July 29, 2002; minimum recorded, 1.4°C, January 4, 2002.
TURBIDITY: Maximum recorded, >2,200 NTU, March 30, 2002 and June 13, 2002; minimum recorded, <2.0 NTU, on many days.

EXTREMES FOR 2001 WATER YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 194 microsiemens, September 1; minimum, 25 microsiemens, March 15.
WATER TEMPERATURE: Maximum, 26.0°C, July 27; minimum, 7.0°C, March 10.
TURBIDITY: Maximum, >1,100 NTU on several days; minimum, <2.0 NTU, on many days.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 266 microsiemens, September 16; minimum, 21 microsiemens, March 30, 31.
WATER TEMPERATURE: Maximum 26.7°C, July 29; minimum, 1.4°C, January 4.
TURBIDITY: Maximum, >2,200 NTU, March 30 and June 13; minimum, <2.0 NTU, on several days.

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:54 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	147	143	144	176	174	174	210	197	207	167	165	166
2	145	140	142	174	172	173	210	200	207	168	162	165
3	142	139	141	174	169	171	205	198	201	162	152	157
4	142	137	139	172	169	171	206	203	205	168	159	165
5	140	136	138	174	172	173	205	203	204	168	164	166
6	139	128	134	176	171	173	207	204	205	166	115	139
7	151	139	145	176	173	175	207	204	206	181	159	176
8	152	150	150	177	174	175	205	204	204	181	177	179
9	152	149	150	178	176	177	206	204	205	178	171	174
10	150	146	148	179	177	178	205	164	186	171	167	169
11	149	145	147	180	177	178	227	168	203	169	163	165
12	151	148	149	184	180	182	229	222	227	165	153	161
13	156	151	153	185	182	183	223	213	219	164	153	160
14	156	128	143	191	185	188	219	217	218	167	136	149
15	190	155	182	194	188	191	219	215	217	151	142	147
16	---	---	---	198	191	195	215	208	211	153	151	152
17	187	179	181	197	195	196	209	133	190	155	151	153
18	180	173	176	195	192	194	241	133	203	156	153	154
19	174	171	172	195	193	194	240	226	234	156	55	124
20	172	170	171	195	193	194	227	214	219	153	107	132
21	173	170	171	198	195	196	214	204	209	119	98	108
22	172	169	170	199	197	198	204	194	198	115	82	106
23	173	165	171	200	165	190	194	143	173	98	65	86
24	174	171	172	236	165	204	198	145	179	99	65	90
25	173	171	172	237	228	232	199	190	195	91	54	77
26	172	171	171	229	194	222	190	179	186	86	80	84
27	171	167	169	205	183	196	185	176	181	90	80	86
28	168	163	165	213	205	208	177	171	174	102	87	91
29	165	163	164	205	203	204	172	168	170	107	101	103
30	171	165	168	203	184	194	173	161	166	110	101	105
31	175	170	173	---	---	---	166	164	165	107	101	104
MONTH	190	128	159	237	165	189	241	133	199	181	54	135

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:54 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	111	107	109	---	---	---	---	---	---	149	137	143
2	112	111	112	---	---	---	89	86	87	162	146	150
3	113	110	111	---	---	---	90	86	88	160	103	127
4	118	112	114	---	---	---	90	86	89	120	55	91
5	125	117	123	---	---	---	91	88	90	106	78	95
6	124	46	88	---	---	---	92	88	90	84	75	79
7	130	67	107	---	---	---	93	91	92	85	79	82
8	116	107	114	---	---	---	95	92	94	87	83	86
9	108	101	105	---	---	---	99	91	94	89	87	88
10	107	101	102	---	---	---	101	95	98	89	86	88
11	108	104	106	---	---	---	105	101	103	94	87	91
12	105	102	103	---	---	---	109	74	94	98	94	97
13	104	100	102	---	---	---	112	89	106	97	80	92
14	103	101	102	---	---	---	113	108	111	104	80	95
15	108	103	105	---	---	---	113	110	111	113	104	109
16	108	105	107	---	---	---	112	106	109	115	112	113
17	111	107	109	---	---	---	112	107	108	114	108	112
18	112	109	111	---	---	---	110	106	108	108	55	83
19	114	112	113	---	---	---	110	107	108	120	102	112
20	115	102	110	---	---	---	111	109	109	121	118	119
21	124	110	120	114	88	99	112	110	111	122	118	120
22	126	124	125	119	114	118	117	110	114	121	115	117
23	127	124	125	122	118	120	118	114	116	116	112	114
24	130	125	128	121	117	119	116	113	115	116	112	114
25	131	129	130	117	111	114	119	113	115	113	111	111
26	133	130	131	116	94	108	121	118	119	112	110	110
27	---	---	---	123	102	116	121	119	120	111	109	110
28	---	---	---	128	123	125	126	120	123	110	108	109
29	---	---	---	129	124	126	153	119	140	111	108	110
30	---	---	---	127	21	95	152	145	148	111	108	110
31	---	---	---	---	---	---	---	---	---	112	108	110
MONTH	133	46	112	129	21	114	153	74	107	162	55	106

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:54 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	113	108	110	---	---	---	151	144	148	184	177	179
2	113	109	111	---	---	---	152	148	150	190	184	187
3	114	110	112	---	---	---	151	143	148	194	189	191
4	117	98	113	136	133	134	152	146	148	199	193	196
5	132	76	111	136	133	134	153	148	150	202	194	198
6	134	50	88	136	132	133	154	148	150	203	196	200
7	139	72	124	134	129	130	158	150	153	206	202	205
8	135	117	126	130	126	128	155	146	150	---	---	---
9	120	113	116	131	126	128	149	141	145	---	---	---
10	114	106	110	132	121	129	146	140	143	198	190	193
11	106	100	103	121	108	115	146	139	143	202	191	196
12	100	97	98	124	108	119	144	139	141	203	195	198
13	98	58	94	126	49	114	143	138	140	197	105	177
14	86	50	75	126	72	102	144	138	141	187	98	135
15	101	73	92	135	126	130	144	129	139	234	134	182
16	113	101	107	142	134	137	166	105	136	266	234	257
17	117	113	115	146	141	142	174	159	168	266	231	251
18	116	113	114	147	143	145	186	168	177	167	49	135
19	115	114	114	148	142	145	186	183	184	162	137	153
20	114	112	113	147	143	145	195	186	188	141	129	136
21	112	110	111	149	128	141	198	193	195	130	103	115
22	111	103	109	146	140	142	202	192	196	127	121	125
23	105	72	95	146	99	137	212	201	204	132	126	129
24	107	96	103	157	107	142	214	206	210	135	131	133
25	109	107	108	193	152	179	209	200	204	133	105	123
26	109	108	109	200	188	194	206	197	201	121	93	110
27	110	108	109	200	180	189	203	193	197	133	84	107
28	108	83	103	180	170	173	197	188	192	139	131	136
29	---	---	---	173	164	167	193	186	189	133	129	131
30	---	---	---	168	159	162	191	181	185	129	128	129
31	---	---	---	163	78	149	181	176	178	---	---	---
MONTH	139	50	107	200	49	142	214	105	168	266	49	165
YEAR	266	21	144									

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:22 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.3	13.9	15.6	15.5	11.2	13.3	14.9	11.6	13.2	6.0	3.1	4.5
2	17.6	13.7	15.7	16.2	12.7	14.3	14.5	10.9	12.6	4.8	3.9	4.5
3	17.9	14.1	16.0	17.9	14.4	15.8	13.9	10.7	12.2	5.0	2.7	3.8
4	18.2	14.4	16.3	16.7	13.5	14.9	13.2	9.4	11.2	4.9	1.4	3.1
5	17.6	15.2	16.5	15.2	11.0	13.1	13.6	9.3	11.5	5.4	1.5	3.5
6	18.3	15.4	17.5	13.7	10.0	12.0	15.4	12.1	13.6	6.3	4.7	5.6
7	16.3	13.7	14.9	13.3	8.5	10.9	15.4	11.6	13.5	5.9	4.5	5.4
8	15.3	12.7	13.9	13.8	9.2	11.5	15.7	12.3	13.9	5.8	3.1	4.3
9	15.2	12.4	14.0	14.4	9.9	12.0	14.9	12.9	13.9	6.9	2.8	4.8
10	16.5	13.3	14.9	14.2	9.9	11.8	14.0	11.2	12.4	9.0	4.8	6.9
11	17.9	15.6	16.7	13.7	9.0	11.2	12.4	11.1	11.7	10.9	7.3	9.1
12	19.1	17.2	18.0	13.9	10.5	11.8	12.7	11.9	12.3	7.5	5.7	6.8
13	20.0	18.2	19.0	12.7	9.6	11.1	13.9	12.7	13.3	8.2	4.8	6.4
14	20.1	17.4	19.2	13.3	9.4	11.2	16.5	13.4	14.8	7.8	5.2	6.4
15	18.0	15.2	16.6	13.9	9.8	11.7	13.5	10.4	12.0	8.5	5.3	6.7
16	---	---	---	13.4	9.1	11.2	13.0	10.7	11.8	8.2	4.4	6.2
17	14.2	11.4	12.8	13.8	9.2	11.5	14.8	12.4	13.2	8.6	4.2	6.5
18	14.0	10.2	12.1	13.9	10.0	11.9	14.0	11.2	13.0	10.4	7.1	8.5
19	14.9	10.9	12.8	13.8	9.8	11.8	12.1	9.3	10.9	9.3	8.2	8.5
20	16.2	12.2	14.2	13.8	10.2	12.2	11.3	8.3	9.9	9.2	7.1	8.1
21	17.0	13.0	15.0	11.8	8.6	10	9.7	6.5	8.0	10.1	7.9	8.7
22	17.8	14.3	15.9	12.2	8.2	10.1	9.5	6.0	7.7	9.7	6.8	8.3
23	18.9	15.4	16.9	13.0	10.7	11.7	10.5	7.5	9.1	10.5	9.0	9.7
24	18.3	15.2	16.8	15.5	13.0	14.2	10.3	7.1	8.6	12.2	10.5	11.3
25	18.0	14.2	17.0	16.7	14.0	15.4	8.1	5.5	6.9	12.5	11.1	11.8
26	15.0	11.8	13.6	15.3	12.2	13.9	6.6	4.5	5.7	12.3	9.7	11.0
27	12.2	9.5	10.8	17.2	14.5	15.7	6.3	3.2	4.7	11.7	8.8	10.2
28	11.3	7.5	9.4	16.9	14.1	15.5	8.0	4.1	6.0	12.9	9.3	11.0
29	11.8	7.1	7.1	17.4	14.6	15.9	9.6	6.4	7.6	14.3	10.1	12.0
30	12.7	7.8	10.2	17.2	14.0	16.0	7.2	5.2	6.0	15.1	11.5	13.2
31	13.3	8.8	11.1	---	---	---	6.0	4.7	5.3	16.3	12.6	14.3
MONTH	20.1	7.1	14.7	17.9	8.2	12.8	16.5	3.2	10.5	16.3	1.4	7.8

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:22 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.8	12.3	14.5	---	---	---	18.6	15.1	16.5	19.7	17.3	18.5
2	12.3	9.2	10.7	---	---	---	19.4	14.7	16.7	21.7	18.7	20.1
3	10.3	8.6	9.4	---	---	---	20.2	15.9	17.5	20.7	19.4	20.0
4	10.8	7.5	9.0	---	---	---	18.5	14.4	16.2	19.7	16.9	18.5
5	7.9	6.0	7.1	---	---	---	18.2	13.1	15.4	19.0	17.5	18.1
6	7.5	6.1	6.7	---	---	---	17.3	11.9	14.4	19.7	17.2	18.3
7	8.2	7.1	7.7	---	---	---	17.4	12.1	14.6	20.0	18.3	19.2
8	9.3	6.3	7.5	---	---	---	18.1	14.3	16.0	21.7	19.5	20.4
9	10.3	6.6	8.3	---	---	---	16.8	15.9	16.4	22.3	19.9	21.0
10	12.5	9.4	10.7	---	---	---	18.5	15.9	17.0	22.2	19.9	21.1
11	10.8	8.0	9.2	---	---	---	17.7	16.3	17.0	21.5	20.3	20.9
12	10.5	6.4	8.4	---	---	---	17.3	16.4	16.8	21.4	19.9	20.6
13	11.1	7.5	9.0	---	---	---	17.9	16.9	17.3	21.8	18.9	20.7
14	11.0	6.7	8.8	---	---	---	19.6	16.9	18.0	18.9	16.5	17.8
15	11.8	7.3	9.5	---	---	---	20.4	16.9	18.6	19.2	15.5	17.5
16	12.7	8.6	10.4	---	---	---	21.7	17.2	19.4	19.9	16.3	18.2
17	11.6	8.0	9.5	---	---	---	22.2	18.0	20.0	20.9	18.0	19.5
18	11.0	6.1	8.4	---	---	---	22.4	18.7	20.6	20.5	18.8	20.0
19	11.2	6.1	8.8	---	---	---	22.8	18.5	20.7	19.0	17.4	18.2
20	12.1	9.5	10.6	19.0	16.8	18.0	23.2	19.6	21.3	18.1	16.2	17.2
21	13.5	8.7	11.0	19.2	15.1	16.8	23.2	19.4	21.3	17.2	14.9	16.3
22	11.7	8.4	10.1	15.1	10.8	12.8	21.2	17.7	19.7	17.4	15.0	16.1
23	11.9	7.3	9.5	14.9	8.6	11.5	19.4	15.4	17.5	17.9	14.1	16.0
24	12.6	7.0	9.7	16.0	9.0	12.5	19.9	16.3	18.1	19.0	14.7	17.0
25	13.3	7.5	10.3	17.7	11.6	14.7	20.3	17.0	18.6	19.8	16.1	18.1
26	13.6	8.8	10.7	16.7	14.7	15.6	17.0	14.9	15.8	20.4	17.7	19.2
27	---	---	---	17.0	12.4	14.4	17.0	15.1	16.1	21.6	18.8	20.1
28	---	---	---	16.9	10.4	13.5	20.2	16.7	18.3	21.6	18.7	20.2
29	---	---	---	18.2	11.7	14.9	20.7	18.3	19.4	21.5	18.4	20.0
30	---	---	---	17.3	15.4	16.4	18.5	17.1	17.5	21.5	18.9	20.2
31	---	---	---	17.5	15.9	16.5	---	---	---	22.7	19.6	21.1
MONTH	15.8	6.0	9.4	19.2	8.6	14.8	23.2	11.9	17.8	22.7	14.1	19.0

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:22 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.6	20.1	21.8	---	---	---	25.4	22.8	24.1	22.7	20.8	21.7
2	24.1	20.4	22.2	---	---	---	25.4	23.0	24.2	23.3	21.0	22.0
3	24.6	21.1	22.8	25.4	---	---	25.4	22.7	23.9	23.6	20.4	22.0
4	24.6	21.8	23.1	25.6	23.0	24.3	25.0	21.8	23.4	24.4	20.9	22.6
5	24.8	22.1	23.4	26.0	23.4	24.8	25.1	21.9	23.5	24.6	21.5	23.1
6	25.2	23.1	24.0	26.2	23.9	25.1	25.7	22.5	24.1	24.7	22.2	23.3
7	25.7	24.1	24.9	25.8	23.8	24.7	24.8	22.4	23.6	---	---	---
8	25.1	23.7	24.3	25.5	23.2	24.2	23.7	20.5	22.1	---	---	---
9	24.0	22.0	23.1	25.2	21.9	23.5	23.4	20.2	21.7	---	---	---
10	23.6	20.7	22.4	25.5	22.9	24.2	23.3	19.9	21.5	---	---	---
11	23.7	20.6	22.2	24.5	23.2	23.8	23.3	19.5	21.4	23.3	19.1	21.6
12	23.7	20.5	22.2	23.5	21.6	22.2	22.9	19.5	21.3	23.2	20.6	21.9
13	23.8	20.6	22.4	23.8	21.8	22.4	23.4	20.0	21.8	22.0	20.6	21.3
14	23.6	22.2	23.1	24.9	23.0	23.8	24.5	21.6	22.8	23.4	22.0	22.6
15	23.1	21.1	22.1	25.3	22.8	24.1	24.4	22.0	23.1	23.5	22.2	22.9
16	22.6	19.9	21.4	25.9	23.2	24.5	24.4	22.8	23.6	24.5	22.7	23.6
17	23.0	20.7	21.9	26.1	23.5	24.8	25.5	23.3	24.3	24.5	23.3	23.9
18	23.3	20.4	22.0	26.3	23.7	24.9	25.9	23.1	24.3	24.6	22.3	23.9
19	23.3	21.5	22.4	26.1	23.3	24.7	25.7	23.1	24.2	24.2	23.6	23.8
20	23.9	21.6	22.6	26.0	23.2	24.5	25.5	22.6	24.4	24.5	23.6	24.0
21	22.7	20.8	21.8	25.8	23.3	24.4	26.1	23.0	24.4	24.4	23.4	23.9
22	22.0	20.5	21.3	25.7	22.6	24.1	25.1	23.2	24.2	23.9	23.3	23.7
23	23.7	21.4	22.1	25.4	23.0	24.0	26.3	23.2	24.7	23.8	22.9	23.3
24	23.5	21.6	22.5	25.7	23.2	24.4	26.6	23.6	25.0	23.0	22.0	22.5
25	23.8	22.2	22.9	26.1	25.2	25.5	25.9	23.7	24.7	22.0	19.5	20.6
26	23.5	22.4	22.8	25.9	25.0	25.4	25.1	23.3	24.1	21.2	19.5	20.1
27	24.2	22.0	23.0	25.9	24.2	25.1	24.0	22.4	23.2	21.9	21.2	21.7
28	23.3	22.1	22.7	26.5	24.0	25.2	23.3	22.2	22.7	22.2	20.7	21.6
29	---	---	---	26.7	24.3	25.5	23.0	21.6	22.2	22.0	21.5	21.7
30	---	---	---	26.6	24.3	25.3	22.4	21.8	22.0	22.1	21.2	21.6
31	---	---	---	25.9	23.7	24.4	22.0	21.4	21.7	---	---	---
MONTH	25.7	19.9	22.6	26.7	21.6	24.4	26.6	19.5	23.3	24.7	19.1	22.5
YEAR	26.7	1.4	16.7									

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:01 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:01 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	15	8.1	10	7.7	<2.0	<2.0
2	---	---	---	22	8.7	10	14	7.1	8.8	5.3	<2.0	<2.0
3	---	---	---	573	16	28	---	---	---	4.3	<2.0	<2.0
4	---	---	---	524	44	61	---	---	---	4.0	<2.0	<2.0
5	---	---	---	69	28	38	---	---	---	7.9	<2.0	<2.0
6	---	---	---	34	20	27	---	---	---	15	<2.0	<2.0
7	---	---	---	28	16	19	---	---	---	4.7	<2.0	<2.0
8	---	---	---	25	14	16	---	---	---	3.4	<2.0	<2.0
9	---	---	---	18	12	14	---	---	---	4.8	<2.0	<2.0
10	---	---	---	20	11	13	---	---	---	4.7	<2.0	<2.0
11	---	---	---	15	9.1	11	---	---	---	10	<2.0	<2.0
12	---	---	---	>1100	9.2	110	---	---	---	8.5	<2.0	<2.0
13	---	---	---	112	56	68	---	---	---	5.6	<2.0	<2.0
14	---	---	---	134	55	72	---	---	---	7.6	<2.0	<2.0
15	---	---	---	>1100	66	136	---	---	---	5.2	<2.0	<2.0
16	---	---	---	88	56	68	---	---	---	6.9	<2.0	<2.0
17	---	---	---	66	44	53	6.4	<2.0	2.6	7.3	<2.0	<2.0
18	---	---	---	64	36	43	3.4	<2.0	<2.0	5.9	<2.0	<2.0
19	---	---	---	46	24	32	9.4	<2.0	<2.0	>1100	<2.0	<2.0
20	---	---	---	1000	28	105	5.0	<2.0	<2.0	71	9.7	17
21	---	---	---	76	46	52	7.8	<2.0	2.5	23	4.6	7.3
22	---	---	---	87	48	54	6.4	<2.0	<2.0	>1100	3.9	34
23	---	---	---	59	42	49	5.4	<2.0	<2.0	25	9.6	14
24	---	---	---	46	35	39	8.4	<2.0	<2.0	19	6.1	10
25	---	---	---	51	33	39	6.3	<2.0	2.0	---	---	---
26	---	---	---	---	---	---	5.3	<2.0	<2.0	---	---	---
27	---	---	---	---	---	---	9.6	<2.0	<2.0	11	<2.0	3.1
28	---	---	---	27	7.5	12	6.2	<2.0	<2.0	>1100	2.1	5.1
29	---	---	---	231	7.7	46	5.5	<2.0	<2.0	971	14	28
30	---	---	---	38	13	18	4.2	<2.0	<2.0	21	5.8	11
31	---	---	---	18	10	13	---	---	---	87	3.6	7.0
MAX	---	---	---	>1100	66	136	15	8.1	10	>1100	14	34
MIN	---	---	---	15	7.5	10	3.4	<2.0	<2.0	3.4	<2.0	<2.0

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 11:01 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	>1100	36	149	---	---	---	7.8	<2.0	2.6	205	<2.0	8.1
2	50	19	28	---	---	---	8.0	<2.0	<2.0	6.5	<2.0	3.4
3	>1100	15	22	---	---	---	5.4	<2.0	2.7	5.5	<2.0	2.7
4	>1100	30	40	---	---	---	8.2	<2.0	2.6	37	2.2	5.5
5	494	21	31	---	---	---	9.1	<2.0	2.7	6.7	<2.0	2.8
6	31	13	18	---	---	---	>1100	<2.0	2.9	4.9	<2.0	<2.0
7	44	20	34	---	---	---	58	7.9	15	7.1	<2.0	<2.0
8	303	24	34	---	---	---	48	4.2	7.4	3.4	<2.0	<2.0
9	32	11	19	---	---	---	14	3.1	4.6	6.0	<2.0	<2.0
10	22	7.5	12	---	---	---	12	3.3	4.2	3.5	<2.0	<2.0
11	---	---	---	2.8	<2.0	<2.0	11	3.1	6.7	4.8	<2.0	<2.0
12	---	---	---	6.5	<2.0	<2.0	14	3.9	5.5	3.6	<2.0	<2.0
13	52	16	23	12	<2.0	<2.0	16	2.9	5.7	3.7	<2.0	<2.0
14	>1100	11	18	4.4	<2.0	<2.0	10	2.9	3.7	3.9	<2.0	<2.0
15	994	16	26	7.5	<2.0	<2.0	5.2	<2.0	2.8	4.4	<2.0	<2.0
16	307	14	22	5.1	<2.0	<2.0	11	<2.0	2.6	2.2	<2.0	<2.0
17	21	10	15	2.6	<2.0	<2.0	5.1	<2.0	2.2	4.0	<2.0	<2.0
18	20	7.2	14	3.9	<2.0	<2.0	6.1	<2.0	2.6	4.1	<2.0	<2.0
19	16	4.8	9.4	3.7	<2.0	<2.0	5.2	<2.0	<2.0	6.2	<2.0	<2.0
20	9.9	2.7	5.0	4.3	<2.0	<2.0	5.5	<2.0	<2.0	5.8	<2.0	2.0
21	20	<2.0	4.1	2.6	<2.0	<2.0	7.0	<2.0	2.1	5.5	<2.0	<2.0
22	202	2.0	12	9.4	<2.0	<2.0	18	<2.0	3.1	2.3	<2.0	<2.0
23	19	2.9	7.1	5.3	<2.0	<2.0	5.7	<2.0	2.3	4.5	<2.0	<2.0
24	18	2.2	5.0	12	<2.0	<2.0	11	<2.0	3.5	937	<2.0	23
25	22	<2.0	4.5	>1100	7.7	119	15	<2.0	3.2	14	<2.0	5.2
26	9.1	<2.0	3.8	44	21	27	8.3	<2.0	3.3	5.8	<2.0	2.8
27	19	<2.0	5.2	---	---	---	8.9	<2.0	2.1	6.5	<2.0	2.3
28	85	2.2	4.4	16	4.2	8.2	14	<2.0	3.3	6.7	<2.0	2.5
29	12	2.5	5.6	454	3.1	7.2	4.6	<2.0	2.1	3.8	<2.0	<2.0
30	26	<2.0	6.6	30	5.8	10	4.4	<2.0	<2.0	8.0	<2.0	<2.0
31	---	---	---	10	2.6	4.4	4.9	<2.0	<2.0	---	---	---
MAX	>1100	36	149	>1100	21	119	>1100	7.9	15	937	2.2	23
MIN	9.1	<2.0	3.8	2.6	<2.0	<2.0	4.4	<2.0	<2.0	2.2	<2.0	<2.0

YEAR MAX MAXIMUM >1100 MINIMUM 2.2
MIN MAXIMUM 66 MINIMUM <2.0
MEDIAN MAXIMUM 149 MINIMUM <2.0

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 12:08 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.7	<2.0	<2.0	---	---	---	<5.0	<5.0	<5.0	16	<5.0	<5.0
2	3.9	<2.0	<2.0	---	---	---	<5.0	<5.0	<5.0	---	---	---
3	6.3	<2.0	<2.0	---	---	---	---	---	---	---	---	---
4	5.1	<2.0	<2.0	---	---	---	---	---	---	12	<5.0	<5.0
5	5.4	<2.0	<2.0	---	---	---	6.4	<5.0	<5.0	10	<5.0	<5.0
6	4.9	<2.0	<2.0	19	<5.0	<5.0	7.4	<5.0	<5.0	245	<5.0	15
7	<2.0	<2.0	<2.0	---	---	---	5.8	<5.0	<5.0	---	---	---
8	12	<2.0	<2.0	---	---	---	<5.0	<5.0	<5.0	---	---	---
9	10	<5.0	<5.0	5.8	<5.0	<5.0	<5.0	<5.0	<5.0	16	<5.0	<5.0
10	20	<5.0	<5.0	<5.0	<5.0	<5.0	30	<5.0	9.8	9.0	<5.0	<5.0
11	18	<5.0	<5.0	<5.0	<5.0	<5.0	14	<5.0	<5.0	12	<5.0	<5.0
12	7.5	<5.0	<5.0	---	---	---	5.4	<5.0	<5.0	12	<5.0	<5.0
13	<5.0	<5.0	<5.0	---	---	---	9.2	<5.0	<5.0	14	<5.0	<5.0
14	414	<5.0	14	---	---	---	22	<5.0	<5.0	11	<5.0	<5.0
15	20	<5.0	<5.0	<5.0	<5.0	<5.0	6.1	<5.0	<5.0	---	---	---
16	---	---	---	<5.0	<5.0	<5.0	8.3	<5.0	<5.0	19	<5.0	<5.0
17	---	---	---	6.8	<5.0	<5.0	416	<5.0	<5.0	10	<5.0	<5.0
18	---	---	---	<5.0	<5.0	<5.0	46	<5.0	7.6	40	<5.0	<5.0
19	---	---	---	---	---	---	6.9	<5.0	<5.0	957	<5.0	<5.0
20	<5.0	<5.0	<5.0	---	---	---	5.9	<5.0	<5.0	---	---	---
21	<5.0	<5.0	<5.0	---	---	---	10	<5.0	<5.0	104	34	43
22	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.5	<5.0	<5.0	804	27	34
23	13	<5.0	<5.0	37	<5.0	<5.0	83	<5.0	9.1	337	39	53
24	8.0	<5.0	<5.0	19	<5.0	7.7	18	<5.0	5.8	485	26	38
25	18	<5.0	<5.0	16	<5.0	<5.0	9.2	<5.0	<5.0	407	45	85
26	---	---	---	132	<5.0	<5.0	100	<5.0	<5.0	89	31	40
27	---	---	---	77	<5.0	<5.0	15	<5.0	<5.0	47	24	30
28	---	---	---	<5.0	<5.0	<5.0	9.0	<5.0	<5.0	37	20	24
29	---	---	---	<5.0	<5.0	<5.0	---	---	---	36	17	22
30	---	---	---	8.2	<5.0	<5.0	---	---	---	32	18	22
31	---	---	---	---	---	---	8.7	<5.0	<5.0	38	14	22
MAX	414	<5.0	14	132	<5.0	7.7	416	<5.0	9.8	957	45	85
MIN	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.0	<5.0	<5.0

< Actual value is known to be less than the value shown

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 12:08 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22	9.8	14	---	---	---	---	---	---	24	<5.0	7.8
2	26	7.7	11	---	---	---	74	40	48	9.0	<5.0	5.3
3	15	6.8	8.7	---	---	---	48	30	37	434	<5.0	30
4	32	7.5	10	---	---	---	43	25	31	967	17	89
5	34	<5.0	10	---	---	---	35	17	24	69	48	57
6	636	5.2	125	---	---	---	30	17	23	---	---	---
7	114	30	41	---	---	---	25	14	16	---	---	---
8	39	24	30	---	---	---	26	11	16	---	---	---
9	42	30	33	---	---	---	26	10	14	116	18	24
10	36	24	30	---	---	---	16	6.9	9.9	84	11	17
11	32	19	23	---	---	---	15	5.8	7.8	52	8.6	12
12	31	17	21	---	---	---	206	7.0	32	28	7.4	9.8
13	25	14	18	---	---	---	32	11	15	55	7.4	11
14	24	12	15	---	---	---	20	7.9	10	44	8.9	16
15	20	10	12	---	---	---	15	6.7	9.3	15	5.8	8.0
16	18	8.8	12	---	---	---	29	6.0	8.6	16	<5.0	6.8
17	18	8.6	10	---	---	---	32	7.0	15	35	<5.0	6.3
18	17	7.0	9.1	---	---	---	23	6.2	10	1070	20	59
19	19	6.1	7.9	---	---	---	12	5.0	7.4	22	8.3	14
20	45	6.2	10	---	---	---	12	<5.0	6.0	24	5.7	8.2
21	14	6.2	8.5	87	8.7	18	11	<5.0	5.1	11	<5.0	7.1
22	11	5.0	6.5	17	<5.0	6.6	11	<5.0	<5.0	8.2	<5.0	5.7
23	18	<5.0	6.2	11	<5.0	<5.0	32	<5.0	5.8	9.5	<5.0	5.7
24	15	<5.0	5.1	12	<5.0	<5.0	61	<5.0	5.5	12	6.0	7.6
25	15	<5.0	5.6	14	<5.0	<5.0	38	<5.0	<5.0	13	<5.0	7.0
26	18	5.0	9.3	177	<5.0	6.6	130	<5.0	<5.0	14	<5.0	7.0
27	---	---	---	20	<5.0	6.6	30	<5.0	8.4	14	<5.0	5.1
28	---	---	---	16	<5.0	<5.0	28	<5.0	6.3	9.8	<5.0	<5.0
29	---	---	---	18	<5.0	<5.0	97	6.3	14	9.4	<5.0	<5.0
30	---	---	---	>2200	<5.0	50	12	<5.0	6.7	20	<5.0	<5.0
31	---	---	---	---	---	---	---	---	---	12	<5.0	5.3
MAX	636	30	125	>2200	8.7	50	206	40	48	1070	48	89
MIN	11	<5.0	5.1	11	<5.0	<5.0	11	<5.0	<5.0	8.2	<5.0	<5.0

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334641 LONGITUDE 0840217 NAD27 DRAINAGE AREA 10.14 CONTRIBUTING DRAINAGE AREA 10.14 DATUM 735 NGVD29
Date Processed: 2003-03-14 12:08 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.3	<5.0	<5.0	---	---	---	49	8.9	17	<5.0	<5.0	<5.0
2	15	<5.0	5.2	---	---	---	30	<5.0	11	<5.0	<5.0	<5.0
3	11	<5.0	<5.0	---	---	---	12	<5.0	<5.0	<5.0	<5.0	<5.0
4	245	<5.0	<5.0	5.8	<5.0	<5.0	6.1	<5.0	<5.0	5.3	<5.0	<5.0
5	1250	<5.0	9.5	5.7	<5.0	<5.0	---	---	---	<5.0	<5.0	<5.0
6	2060	15	260	7.7	<5.0	<5.0	---	---	---	<5.0	<5.0	<5.0
7	214	30	47	6.1	<5.0	<5.0	---	---	---	---	---	---
8	46	21	27	6.5	<5.0	<5.0	8.9	<5.0	<5.0	---	---	---
9	31	16	20	<5.0	<5.0	<5.0	7.8	<5.0	<5.0	---	---	---
10	23	8.6	12	6.6	<5.0	<5.0	---	---	---	---	---	---
11	13	7.5	9.1	30	<5.0	<5.0	---	---	---	5.5	<5.0	<5.0
12	14	5.6	7.5	150	<5.0	20	---	---	---	5.6	<5.0	<5.0
13	>2200	<5.0	6.0	1070	<5.0	9.5	---	---	---	1230	<5.0	<5.0
14	2040	23	125	232	20	36	---	---	---	867	22	74
15	62	11	18	---	---	---	23	<5.0	<5.0	178	20	40
16	16	5.8	8.4	---	---	---	65	<5.0	<5.0	25	7.4	12
17	12	<5.0	5.9	7.4	<5.0	<5.0	5.6	<5.0	<5.0	212	<5.0	6.8
18	8.1	<5.0	5.5	6.5	<5.0	<5.0	<5.0	<5.0	<5.0	982	34	70
19	8.2	<5.0	<5.0	10	<5.0	<5.0	---	---	---	38	19	26
20	10	<5.0	<5.0	6.8	<5.0	<5.0	---	---	---	24	10	15
21	7.1	<5.0	<5.0	7.5	<5.0	<5.0	<5.0	<5.0	<5.0	88	13	24
22	115	<5.0	<5.0	7.8	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---
23	754	7.6	42	296	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---
24	65	9.7	20	27	<5.0	9.1	<5.0	<5.0	<5.0	9.6	<5.0	<5.0
25	15	<5.0	5.0	21	<5.0	7.6	<5.0	<5.0	<5.0	46	<5.0	9.6
26	10	<5.0	<5.0	12	<5.0	<5.0	<5.0	<5.0	<5.0	137	5.6	14
27	24	<5.0	<5.0	11	<5.0	<5.0	<5.0	<5.0	<5.0	214	15	30
28	695	<5.0	17	5.6	<5.0	<5.0	<5.0	<5.0	<5.0	16	6.5	9.5
29	---	---	---	8.6	<5.0	<5.0	<5.0	<5.0	<5.0	14	5.1	7.2
30	---	---	---	7.6	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	5.6
31	---	---	---	832	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---
MAX	>2200	30	260	1070	20	36	65	8.9	17	1230	34	74
MIN	7.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 2.0
MIN MAXIMUM 48 MINIMUM <2.0
MEDIAN MAXIMUM 260 MINIMUM <2.0

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE, GA

LOCATION.—Lat 33°46'41", long 84°02'17" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 5.0 feet downstream of bridge on County Road 135, and 3.4 miles east of Centerville.

DRAINAGE AREA.—10.1 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.— March 1, 2001 to current year.

REMARKS.— Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT												
02...	1010	1.83	2.6	1.4	9.1	89	7.1	145	--	14.8	96	45
25...	1032	1.87	3.9	.8	7.2	76	7.5	171	15.0	16.7	--	20
FEB												
13...	1445	2.11	11	17	10.9	99	6.9	100	--	10.9	--	--
MAR												
02-02	1413	3.96	94	220	12.7	107	7.0	50	--	7.7	--	--
07...	1330	3.09	54	19	10.5	97	7.0	112	--	11.3	--	--
MAR												
30-30	1027	2.47	27	52	8.9	90	6.7	92	19.5	16.0	--	--
APR												
08...	1358	2.15	11	16	9.6	100	6.8	93	--	17.1	--	--
APR												
12-12	1745	2.64	33	80	8.8	92	6.5	74	--	17.3	--	--
16...	1259	2.17	12	--	8.6	96	6.8	111	28.0	20.6	--	--
JUN												
04...	1023	1.91	4.6	4.2	7.7	91	7.2	112	--	22.5	--	--
JUL												
23-23	2000	2.01	7.7	160	6.7	80	6.8	115	--	24.1	89	83
JUL												
31-31	1913	1.98	6.0	130	6.8	82	6.4	127	--	24.4	--	--
AUG												
14...	0940	1.81	1.9	--	--	--	7.2	146	24.5	22.0	--	3.0
SEP												
13-13	2045	2.24	15	170	7.2	84	7.0	136	--	22.0	76	162

02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
02...	1010	1.83	2.6	1.7	7.7	152	<1	--	89	--	<.20	--	1.80
25...	1032	1.87	3.9	.90	E7.8c	174	4	--	110	--	E.30c	--	2.50
FEB													
13...	1405	2.11	11	13	7.2	101	7	1	67	.038	.40	1.60	1.60
MAR													
02-02	1345	3.96	94	190	6.7	52	218	31	43	.095	1.4	.76	.770
MAR													
30-30	1000	2.47	27	44	7.3	95	50	9	60	.068	.50	1.40	1.50
APR													
08...	1350	2.15	11	15	7.1	95	10	2	64	.047	.20	1.30	1.40
APR													
12-12	1750	2.64	33	57	6.9	76	48	7	53	.081	.60	.95	.950
16...	1250	2.17	12	9.1	7.2	114	8	<1	71	.028	<.20	1.80	1.80
JUN													
04...	1000	1.91	4.6	3.8	7.3	115	3	<1	77	.040	<.20	1.30	1.30
JUL													
23-23	1945	2.01	7.7	230	7.1	139	123	19	74	.167	1.0	1.20	1.30
JUL													
31-31	1905	1.98	6.0	120	7.2	126	63	11	86	.090	.80	1.50	1.50
AUG													
14...	0940	1.81	1.9	5.2	7.3	141	6	<1	81	.028	<.20	1.20	1.20
SEP													
13-13	2030	2.24	15	160	7.0	141	175	32	91	.120	1.4	1.40	1.50

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
02...	--	<.02	<.02	2.3	--	96	45
25...	--	<.02c	<.02c	3.5	--	--	20
FEB							
13...	2.0	<.02	<.02	1.0	--	94	31
MAR							
02-02	2.2	.05	.16	6.4	1600k	60	877
MAR							
30-30	2.0	<.02	<.02	2.9	800	77	81
APR							
08...	1.6	<.02	<.02	3.6	125	93	27
APR							
12-12	1.5	<.02	.05	3.8	4600	50	202
16...	--	<.02	<.02	2.5	475	97	31
JUN							
04...	--	<.02	<.02	1.9	160	92	32
JUL							
23-23	2.3	.02	.07	5.0	3200	94	141
JUL							
31-31	2.3	<.02	.07	3.5	1800	--	--
AUG							
14...	--	<.02	<.02	2.2	233	--	3.0
SEP							
13-13	2.9	<.02	.16	3.9	11200	72	211

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

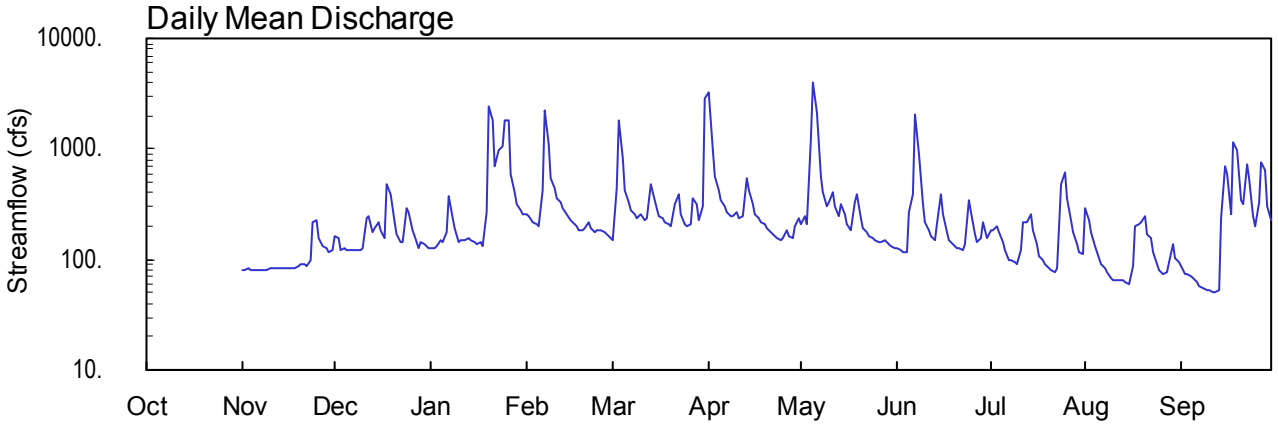
ALTAMAHA RIVER BASIN

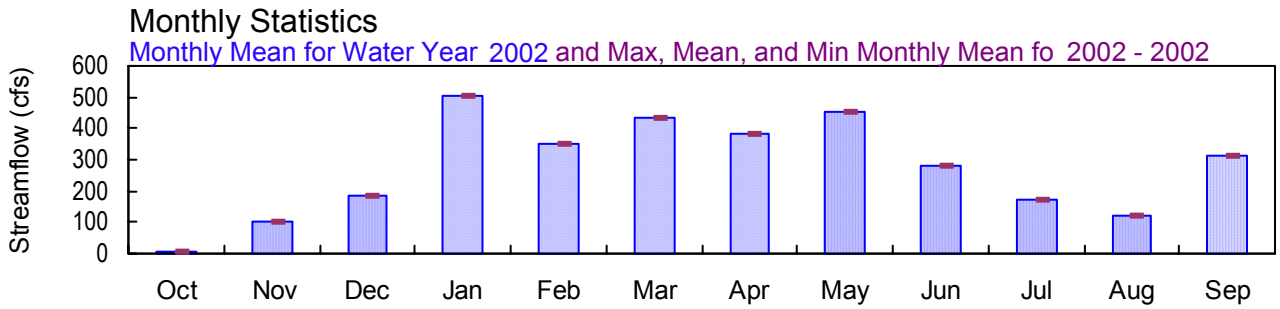
2002 Water Year

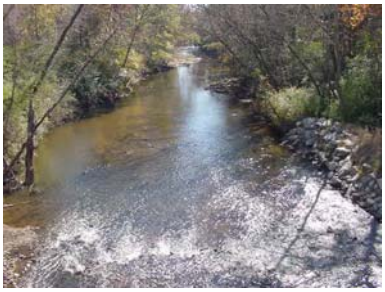
02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, G

Latitude: 33°40'01" Longitude: 83°56'17" Hydrologic Unit Code: 03070103 Rockdale County

Drainage Area: 260. mi^2 Datum: 620.00 feet







ALTAMAHA RIVER BASIN
2002 Water Year

02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA

LOCATION.—Lat 33°40'01", long 83°56'17" referenced to North American Datum (NAD) of 1983, Rockdale County, Hydrologic Unit 03070103, 100.0 feet upstream of Gees Mill Road, 1.0 miles north of confluence with Big Haynes Creek, and 2.2 miles south of GA 138.

DRAINAGE AREA.—260 mi^2.

COOPERATION.—Rockdale County Department of Water Resources.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—November 1, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage 620.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except those for periods of estimated daily discharge, which are fair. Regulation upstream from unknown source.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 1, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage 620.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good. Regulation upstream from unknown source.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 12.68 feet, May 5; minimum gage-height recorded, 2.75 feet, December 28.

PRECIPITATION RECORDS

PERIOD OF RECORD.—November 1, 2001 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00* CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-11 14:59 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	81	165	125	257	149	3220	209	129	183	290	87
2	---	81	159	128	245	444	1000	242	119	184	226	75
3	---	82	122	133	222	1800	565	212	117	203	178	74
4	---	81	128	147	212	824	426	1210	115	177	130	71
5	---	81	123	143	200	416	349	3960	270	141	102	67
6	---	81	120	180	416	323	305	2150	391	120	91	63
7	---	80	121	367	2260	283	271	565	2060	100	84	58
8	---	79	119	232	e1120	252	248	400	889	98	76	55
9	---	81	119	188	e540	236	246	305	316	95	68	53
10	---	82	127	146	e445	259	263	324	218	89	66	53
11	---	82	241	149	e360	224	236	402	182	119	65	50
12	---	83	244	147	e325	232	242	301	160	217	64	50
13	---	83	174	156	e288	487	546	242	149	217	64	53
14	---	83	191	150	e256	405	423	316	210	262	62	235
15	---	84	213	143	229	286	310	256	386	182	61	693
16	---	84	183	140	217	244	260	208	254	136	86	582
17	---	85	155	145	197	237	237	187	179	109	199	262
18	---	85	484	131	187	216	220	328	150	99	207	1140
19	---	87	395	273	181	209	206	384	139	90	214	956
20	---	91	213	2430	189	199	190	240	129	84	244	346
21	---	91	167	1800	221	313	180	193	124	79	168	316
22	---	87	146	687	195	389	167	175	121	76	155	720
23	---	97	146	960	180	255	158	163	138	82	116	544
24	---	217	289	1050	181	212	149	154	342	483	91	244
25	---	226	267	1830	182	199	159	148	266	625	79	198
26	---	158	184	1800	175	205	182	141	169	363	75	330
27	---	132	163	587	170	358	160	145	145	224	77	745
28	---	125	129	398	157	319	153	147	158	173	94	647
29	---	117	141	322	---	228	202	136	213	137	137	309
30	---	122	135	278	---	299	235	132	153	116	104	227
31	---	---	126	258	---	2890	---	129	---	112	93	---
TOTAL	---	3028	5689	15623	9807	13392	11508	14104	8391	5375	3766	9303
MEAN	---	101	184	504	350	432	384	455	280	173	121	310
MAX	---	226	484	2430	2260	2890	3220	3960	2060	625	290	1140
MIN	---	79	119	125	157	149	149	129	115	76	61	50
CFSM	---	0.39	0.71	1.94	1.35	1.66	1.48	1.75	1.08	0.67	0.47	1.19
IN.	---	0.43	0.81	2.24	1.40	1.92	1.65	2.02	1.20	0.77	0.54	1.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	---	101	184	504	350	432	384	455	280	173	121	310
MAX	---	101	184	504	350	432	384	455	280	173	121	310
(WY)	---	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	---	101	184	504	350	432	384	455	280	173	121	310
(WY)	---	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002

e Estimated

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00* CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-12 14:22 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.02	3.36	3.19	3.74	3.30	10.86	3.54	3.21	3.43	3.86	3.01
2	---	3.02	3.34	3.21	3.69	4.35	6.23	3.68	3.17	3.44	3.61	2.96
3	---	3.03	3.18	3.23	3.60	8.29	4.88	3.55	3.16	3.52	3.42	2.95
4	---	3.02	3.21	3.29	3.55	5.70	4.37	6.43	3.15	3.41	3.22	2.94
5	---	3.02	3.19	3.27	3.50	4.33	4.09	11.95	3.79	3.27	3.09	2.92
6	---	3.02	3.17	3.43	4.26	3.99	3.92	8.57	4.24	3.17	3.03	2.89
7	---	3.02	3.17	4.15	9.23	3.84	3.79	4.87	8.78	3.08	3.00	2.87
8	---	3.01	3.17	3.64	---	3.71	3.70	4.28	5.84	3.07	2.96	2.85
9	---	3.02	3.17	3.46	---	3.65	3.69	3.92	3.96	3.05	2.92	2.83
10	---	3.03	3.20	3.28	---	3.74	3.76	4.00	3.58	3.03	2.91	2.83
11	---	3.03	3.67	3.30	---	3.60	3.65	4.29	3.43	3.16	2.91	2.82
12	---	3.03	3.68	3.29	---	3.63	3.67	3.91	3.34	3.57	2.90	2.82
13	---	3.03	3.40	3.33	---	4.59	4.80	3.68	3.30	3.57	2.90	2.83
14	---	3.03	3.47	3.30	---	4.29	4.36	3.96	3.55	3.75	2.89	3.61
15	---	3.04	3.56	3.27	3.62	3.85	3.94	3.73	4.22	3.43	2.88	5.31
16	---	3.03	3.44	3.26	3.57	3.68	3.75	3.54	3.72	3.24	3.00	4.93
17	---	3.04	3.32	3.28	3.49	3.66	3.65	3.45	3.42	3.12	3.50	3.75
18	---	3.04	4.57	3.22	3.45	3.57	3.58	3.99	3.30	3.07	3.53	6.43
19	---	3.05	4.25	3.74	3.43	3.54	3.53	4.22	3.26	3.03	3.56	6.08
20	---	3.06	3.56	9.54	3.46	3.50	3.47	3.66	3.22	3.00	3.68	4.07
21	---	3.06	3.37	8.06	3.59	3.95	3.43	3.48	3.19	2.97	3.38	3.96
22	---	3.05	3.29	5.29	3.48	4.24	3.37	3.40	3.18	2.96	3.32	5.39
23	---	3.09	3.28	6.10	3.42	3.73	3.34	3.36	3.25	2.99	3.15	4.79
24	---	3.57	3.85	6.37	3.43	3.55	3.30	3.32	4.05	4.53	3.03	3.68
25	---	3.61	3.77	8.26	3.43	3.50	3.34	3.29	3.77	5.08	2.98	3.50
26	---	3.34	3.44	8.16	3.41	3.53	3.43	3.27	3.38	4.13	2.95	4.01
27	---	3.23	3.36	4.95	3.38	4.12	3.34	3.28	3.28	3.60	2.96	5.47
28	---	3.19	3.20	4.27	3.33	3.97	3.32	3.29	3.34	3.39	3.05	5.14
29	---	3.16	3.26	3.99	---	3.62	3.51	3.25	3.56	3.25	3.24	3.94
30	---	3.18	3.24	3.82	---	3.88	3.65	3.23	3.32	3.15	3.10	3.62
31	---	---	3.20	3.74	---	10.26	---	3.21	---	3.13	3.04	---
MEAN	---	3.10	3.43	4.41	---	4.23	4.06	4.18	3.73	3.37	3.16	3.84
MAX	---	3.61	4.57	9.54	---	10.26	10.86	11.95	8.78	5.08	3.86	6.43
MIN	---	3.01	3.17	3.19	---	3.30	3.30	3.21	3.15	2.96	2.88	2.82

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00* CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-11 08:19 By acday
APPROVED
DD #6, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2	---	0.00	0.00	0.00	0.00	1.94	0.00	0.00	0.00	0.50	0.00	0.00
3	---	0.00	0.00	0.00	0.03	0.38	0.00	0.38	0.00	0.00	0.00	0.00
4	---	0.00	0.00	0.20	0.00	0.00	0.00	1.42	0.38	0.00	0.00	0.00
5	---	0.00	0.00	0.04	0.00	0.00	0.00	0.03	0.83	0.00	0.00	0.14
6	---	0.00	0.00	0.52	2.32	0.00	0.00	0.00	1.06	0.00	0.00	0.00
7	---	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	0.00	0.00	0.00	0.00	0.10	0.23	0.00	0.00	0.00	0.00	0.00
10	---	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.30	0.00	0.00
12	---	0.00	0.00	0.22	0.00	0.33	0.45	0.00	0.00	0.27	0.00	0.00
13	---	0.00	0.18	0.00	0.00	0.05	0.20	0.24	0.31	0.77	0.00	0.92
14	---	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.70	0.01	0.01	0.75
15	---	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.18	1.28
16	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
17	---	0.00	0.73	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.24	0.30
18	---	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.05	0.00	0.10	2.03
19	---	0.00	0.00	1.87	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01
20	---	0.00	0.00	0.00	0.25	0.30	0.00	0.00	0.00	0.00	0.00	0.23
21	---	0.00	0.00	0.12	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.29
22	---	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.15	0.09	0.00	0.00
23	---	1.01	0.53	0.04	0.00	0.00	0.00	0.00	0.32	0.09	0.00	0.01
24	---	0.06	0.01	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	---	0.04	0.00	0.14	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.66
26	---	0.00	0.00	0.00	0.01	0.41	0.00	0.10	0.04	0.33	0.00	0.90
27	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.15
28	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
29	---	0.00	0.00	0.00	---	0.00	0.01	0.00	0.00	0.00	0.00	0.00
30	---	0.20	0.00	0.00	---	1.66	0.24	0.00	0.00	0.00	0.00	0.00
31	---	---	0.00	0.01	---	0.14	---	0.00	---	1.07	0.00	---
TOTAL	---	1.31	2.06	4.82	2.85	6.28	1.47	2.73	3.89	3.45	0.55	7.67

ALTAMAHA RIVER BASIN
2002 Water Year

02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA

LOCATION.—Lat 33°40'01", long 83°56'17" referenced to North American Datum (NAD) of 1983, Rockdale County, Hydrologic Unit 03070103, 100.0 feet upstream of Gees Mill Road, 1.0 miles north of confluence with Big Haynes Creek, and 2.2 miles south of GA 138.

DRAINAGE AREA.—260 mi^2.

COOPERATION.—Rockdale County Department of Water Resources.

PERIOD OF RECORD.—November 1, 2001 to September 30, 2002.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: November 1, 2001 to September 30, 2002.
WATER TEMPERATURE: November 1, 2001 to September 30, 2002.
TURBIDITY: November 1, 2001 to September 30, 2002.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 442 microsiemens, September 13; minimum, 51 microsiemens, May 5.
WATER TEMPERATURE: Maximum, 30.5 °C, July 18; minimum, 1.9 °C, January 5.
TURBIDITY: Maximum, >1,100 NTU, September 18; minimum, <0.2 NTU, August 13-16, September 12.

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 10:35 By bemccall
APPROVED
DD #4, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	230	205	220	200	186	194
2	---	---	---	296	270	284	245	210	229	200	185	192
3	---	---	---	295	269	283	229	184	204	201	189	195
4	---	---	---	303	273	286	211	185	203	196	183	188
5	---	---	---	295	269	285	229	194	211	201	183	189
6	---	---	---	293	267	283	228	197	217	203	169	185
7	---	---	---	301	264	287	236	203	223	174	127	156
8	---	---	---	311	267	290	240	213	232	162	131	141
9	---	---	---	303	260	290	239	206	229	172	146	160
10	---	---	---	295	266	281	238	212	227	209	159	177
11	---	---	---	309	276	293	219	184	198	202	169	187
12	---	---	---	316	288	303	193	131	155	208	183	195
13	---	---	---	310	281	293	171	125	142	208	180	189
14	---	---	---	304	279	292	162	137	152	206	182	195
15	---	---	---	299	275	287	168	150	161	212	195	204
16	---	---	---	288	262	279	158	143	152	216	198	206
17	---	---	---	305	271	286	159	143	153	222	194	207
18	---	---	---	313	276	296	156	90	138	224	189	203
19	---	---	---	320	288	304	109	86	96	214	117	182
20	---	---	---	298	258	282	133	104	115	128	57	71
21	---	---	---	280	251	271	165	133	149	77	59	67
22	---	---	---	269	236	260	179	159	170	90	77	81
23	---	---	---	256	228	244	185	173	179	86	64	79
24	---	---	---	239	214	229	184	163	174	76	63	70
25	---	---	---	231	158	189	169	116	131	76	61	71
26	---	---	---	177	151	164	146	123	133	80	62	69
27	---	---	---	191	164	178	165	141	150	90	73	81
28	---	---	---	217	185	196	217	148	165	106	88	96
29	---	---	---	237	204	222	183	164	174	113	100	107
30	---	---	---	239	200	225	194	178	186	123	108	114
31	---	---	---	---	---	---	208	180	191	130	117	123
MONTH	---	---	---	---	---	---	245	86	176	224	57	148

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 10:35 By bemccall
APPROVED
DD #4, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	159	125	137	188	166	178	71	58	64	161	146	152
2	150	136	144	191	114	151	92	71	80	168	156	162
3	152	139	145	114	63	76	109	91	98	169	154	161
4	157	134	148	102	78	86	120	102	109	156	67	119
5	159	137	150	119	102	108	132	109	118	68	51	56
6	161	95	131	132	116	123	136	122	129	70	58	63
7	104	62	73	145	122	134	141	127	135	87	66	75
8	---	---	---	151	133	143	146	132	138	99	85	91
9	---	---	---	155	133	147	143	130	137	106	93	101
10	---	---	---	153	138	147	---	---	---	125	101	109
11	---	---	---	162	144	149	---	---	---	130	102	114
12	---	---	---	162	138	152	---	---	---	133	113	122
13	---	---	---	155	119	138	145	98	127	149	122	130
14	---	---	---	128	116	123	119	96	106	138	129	134
15	146	133	140	143	121	132	128	119	124	137	122	131
16	151	140	145	159	134	146	143	128	135	148	128	139
17	159	139	149	157	141	148	146	131	138	159	134	148
18	165	141	155	166	149	158	164	145	153	162	117	144
19	160	142	153	169	153	160	179	151	162	139	110	125
20	161	142	151	166	148	159	174	153	165	131	112	123
21	154	139	147	164	137	146	179	162	172	151	123	136
22	161	141	147	149	122	139	188	160	174	160	130	150
23	155	137	145	145	122	131	187	170	179	182	146	165
24	162	144	151	156	133	142	192	178	186	191	162	181
25	167	144	156	165	140	154	196	176	184	194	182	189
26	177	149	164	163	143	155	201	177	187	197	187	192
27	178	156	168	161	142	150	206	193	200	200	188	192
28	178	162	171	160	113	127	204	182	192	206	182	197
29	---	---	---	151	124	137	205	191	200	207	183	197
30	---	---	---	150	119	138	205	161	181	197	178	187
31	---	---	---	120	54	75	---	---	---	208	181	194
MONTH	---	---	---	191	54	137	---	---	---	208	51	141

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 10:35 By bemccall
APPROVED
DD #4, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	209	192	199	184	160	169	200	124	158	251	206	222
2	220	200	210	180	145	163	176	125	148	258	218	239
3	222	197	213	172	125	150	157	132	147	283	243	263
4	230	201	216	200	167	187	167	137	151	295	272	283
5	211	133	166	190	151	171	201	158	177	305	279	292
6	175	110	152	205	185	195	261	185	218	331	282	305
7	112	74	85	231	186	206	270	216	244	321	283	299
8	98	78	87	266	198	225	306	258	281	336	306	320
9	117	98	107	279	224	239	320	254	289	370	314	340
10	140	117	128	297	234	265	326	278	301	381	334	359
11	158	132	146	256	226	244	339	288	312	395	346	371
12	180	152	162	247	198	223	330	268	313	400	352	377
13	194	166	175	236	139	177	349	297	326	442	307	365
14	184	150	170	146	118	130	343	319	333	347	214	286
15	156	119	140	158	122	142	353	298	329	221	90	126
16	145	120	128	180	158	172	337	286	316	98	80	90
17	146	127	135	201	176	188	316	193	284	123	91	105
18	155	135	146	228	189	209	193	128	152	126	75	97
19	171	153	164	240	195	223	171	140	153	93	80	86
20	187	166	177	255	229	243	168	121	148	116	93	103
21	200	181	190	283	241	262	164	129	146	125	114	119
22	204	189	198	308	250	280	173	132	153	129	85	109
23	206	191	198	290	260	279	223	173	204	99	82	90
24	197	140	176	273	85	193	217	173	196	125	95	109
25	156	110	118	101	76	85	246	197	220	145	120	134
26	137	116	124	101	75	87	253	219	239	147	135	143
27	152	134	142	127	97	111	288	237	266	145	94	110
28	172	152	162	187	127	147	298	265	279	95	89	92
29	169	139	156	169	145	161	306	254	275	120	95	106
30	172	154	166	190	159	175	268	204	242	141	119	128
31	---	---	---	207	160	188	219	167	196	---	---	---
MONTH	230	74	158	308	75	190	353	121	232	442	75	202

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 07:01 By ceoberst
APPROVED
DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	15.8	13.9	14.8	5.9	3.9	4.8
2	---	---	---	15.3	11.8	13.5	14.9	12.8	13.7	4.5	4.0	4.4
3	---	---	---	17.4	13.8	15.4	14.2	11.9	12.8	4.6	3.2	3.9
4	---	---	---	17.3	14.1	15.5	13.0	10.6	11.7	4.4	2.3	3.2
5	---	---	---	16.5	12.7	14.5	12.9	10.2	11.5	4.5	1.9	3.1
6	---	---	---	15.1	11.6	13.3	14.2	11.8	12.8	4.9	3.5	4.3
7	---	---	---	14.3	10.2	12.2	14.4	11.9	13.0	5.6	4.8	5.2
8	---	---	---	14.3	10.0	12.1	14.9	12.5	13.6	5.2	3.9	4.5
9	---	---	---	14.5	10.4	12.3	14.8	12.9	13.8	5.6	3.3	4.5
10	---	---	---	14.4	10.4	12.2	13.9	12.3	13.1	7.3	4.3	5.8
11	---	---	---	14.1	9.9	11.9	12.3	11.8	12.1	9.0	6.7	7.8
12	---	---	---	13.8	10.2	11.9	12.2	12.0	12.1	7.9	6.9	7.4
13	---	---	---	13.0	10.0	11.5	13.1	12.2	12.6	7.9	5.9	6.8
14	---	---	---	13.2	9.6	11.3	14.9	13.1	13.9	7.1	5.8	6.5
15	---	---	---	13.7	10.0	11.7	14.1	12.6	13.3	7.8	5.5	6.5
16	---	---	---	13.6	9.6	11.5	13.0	11.7	12.4	7.7	5.2	6.3
17	---	---	---	13.7	9.6	11.5	---	---	---	7.8	5.2	6.4
18	---	---	---	13.7	10.0	11.7	13.7	13.0	13.4	8.7	6.6	7.6
19	---	---	---	13.7	10.0	11.7	13.1	11.6	12.2	8.6	7.8	8.3
20	---	---	---	13.3	10.7	11.9	11.6	9.6	10.7	8.7	7.5	8.1
21	---	---	---	12.3	9.4	10.6	9.9	8.0	8.9	8.5	7.2	7.9
22	---	---	---	12.0	8.8	10.3	9.0	6.8	7.8	8.6	7.5	8.1
23	---	---	---	11.6	10.0	10.9	8.8	7.2	8.0	9.4	8.6	9.0
24	---	---	---	13.9	11.6	12.6	8.8	7.7	8.3	11.1	9.3	10
25	---	---	---	15.2	13.9	14.5	8.1	6.8	7.6	12.4	11.1	11.8
26	---	---	---	15.4	13.5	14.4	6.8	5.1	6.1	11.9	10.8	11.2
27	---	---	---	16.6	14.5	15.4	5.7	4.0	4.8	10.8	9.4	10
28	---	---	---	16.8	14.9	15.8	7.4	3.9	5.2	11.1	9.7	10.3
29	---	---	---	17.4	15.2	16.1	7.7	5.3	6.3	12.3	10.4	11.3
30	---	---	---	17.4	15.3	16.5	7.2	5.7	6.3	13.7	11.7	12.7
31	---	---	---	---	---	---	6.2	5.0	5.6	15.0	13.1	14.0
MONTH	---	---	---	17.4	8.8	12.9	15.8	3.9	10.6	15.0	1.9	7.5

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 07:01 By ceoberst
APPROVED
DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.4	14.2	14.8	8.7	5.1	6.8	17.6	16.6	17.0	19.5	17.8	18.5
2	14.2	11.8	13.0	8.0	7.0	7.4	17.9	15.7	16.9	21.4	19.0	20.1
3	11.8	10.2	10.8	8.3	7.8	8.0	18.7	17.1	17.9	21.9	20.7	21.1
4	10.6	9.0	9.7	8.0	6.8	7.3	18.3	17.0	17.6	20.9	17.9	19.7
5	9.0	7.7	8.2	7.5	5.8	6.7	17.6	15.6	16.6	18.0	16.5	16.9
6	7.9	6.4	7.0	8.9	6.4	7.5	17.0	14.7	15.8	19.0	16.8	17.7
7	6.9	6.4	6.7	10.4	7.5	8.8	16.8	14.3	15.5	20.2	18.7	19.4
8	---	---	---	12.1	9.0	10.4	17.3	15.3	16.2	22.0	19.6	20.7
9	---	---	---	13.5	11.4	12.4	17.1	16.5	16.8	23.1	20.8	21.9
10	---	---	---	13.5	11.5	12.4	---	---	---	22.8	21.5	22.3
11	---	---	---	12.7	10.2	11.5	---	---	---	22.5	21.6	22.0
12	---	---	---	11.9	11.4	11.6	---	---	---	22.1	21.1	21.5
13	---	---	---	12.4	11.3	11.8	17.7	17.3	17.5	22.8	21.3	21.9
14	---	---	---	14.0	11.6	12.8	18.9	17.4	18.1	21.4	19.7	20.5
15	10.5	8.2	9.4	15.7	13.2	14.3	20.0	18.3	19.1	21.0	18.6	19.7
16	11.7	9.3	10.3	16.9	14.9	15.8	21.1	18.9	20.0	21.3	18.3	19.7
17	11.6	9.3	10.3	18.6	16.2	17.3	22.2	19.7	20.9	22.1	19.3	20.6
18	11.0	8.4	9.6	19.4	17.5	18.4	23.6	20.8	22.0	21.3	20.6	21.0
19	10.4	7.7	9.1	19.2	17.8	18.4	23.9	21.0	22.4	20.7	19.3	20.1
20	10.8	9.0	9.9	19.4	17.5	18.4	24.6	21.9	23.1	19.8	18.2	18.9
21	12.2	9.7	10.9	18.9	17.5	18.1	24.9	22.1	23.4	18.8	16.8	17.8
22	12.0	10.1	11.0	17.7	14.2	15.8	23.4	21.2	22.6	19.2	16.2	17.5
23	11.8	9.2	10.4	14.8	12.2	13.5	22.5	19.3	20.8	19.9	16.1	17.7
24	11.9	8.7	10.4	14.8	11.4	13.1	22.3	19.2	20.6	20.7	16.7	18.4
25	12.1	8.9	10.4	16.2	12.7	14.3	22.3	19.9	20.7	21.8	18.1	19.6
26	13.0	10.0	11.2	16.4	15.0	15.6	20.0	18.0	18.9	22.2	19.4	20.6
27	10.6	7.7	9.2	16.5	14.6	15.6	18.1	17.2	17.8	23.8	20.3	21.7
28	9.1	5.9	7.4	13.3	14.1	15.3	20.4	17.5	18.7	24.3	21.0	22.4
29	---	---	---	17.1	13.6	15.2	22.2	19.3	20.6	24.5	21.1	22.5
30	---	---	---	17.2	15.9	16.5	20.4	17.9	18.9	24.2	21.4	22.6
31	---	---	---	17.3	16.7	17.0	---	---	---	25.5	21.9	23.3
MONTH	15.4	5.9	10.0	19.4	5.1	13.2	24.9	14.3	19.1	25.5	16.1	20.3

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 07:01 By ceoberst
APPROVED
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.7	22.6	24.7	28.0	25.6	26.4	27.7	25.5	26.6	24.5	22.3	23.3
2	27.7	23.5	25.5	28.5	25.3	26.6	28.6	26.4	27.3	25.3	22.4	23.5
3	28.8	24.0	26.1	27.8	24.2	25.9	28.3	25.7	26.8	26.3	21.9	24.0
4	28.4	24.9	26.4	27.7	24.8	26.1	28.9	25.2	26.7	27.1	22.4	24.6
5	26.4	23.8	25.4	28.9	25.4	26.8	29.3	25.0	26.8	27.3	23.2	25.3
6	26.2	24.5	25.3	29.6	26.0	27.5	29.8	25.3	27.4	27.4	23.9	25.5
7	24.8	24.1	24.4	29.0	26.4	27.6	28.6	25.6	27.1	26.3	23.1	24.8
8	25.0	24.0	24.5	29.4	25.7	27.3	28.4	23.7	26.0	26.2	22.6	24.5
9	25.4	23.5	24.4	28.8	24.7	26.6	27.7	23.2	25.4	26.5	22.2	24.4
10	25.6	22.9	24.2	29.2	25.0	27.0	27.5	23.0	25.2	25.9	21.5	24.2
11	26.1	22.7	24.3	27.6	25.4	26.5	27.6	22.6	25.1	26.0	21.7	24.0
12	26.7	23.0	24.6	26.0	24.3	24.9	27.5	22.5	25.0	25.7	22.7	24.3
13	26.9	23.6	25.0	24.7	23.7	24.1	27.3	23.0	25.2	24.7	23.0	23.8
14	25.8	24.4	25.0	25.9	23.9	24.7	28.0	24.0	25.9	24.2	23.3	23.5
15	24.8	23.4	24.1	27.8	24.7	25.9	27.4	24.5	26.0	23.3	22.7	23.0
16	24.5	22.6	23.5	29.3	25.4	26.9	28.6	24.9	26.6	23.8	22.7	23.3
17	25.2	22.6	23.7	29.8	25.8	27.5	27.0	25.2	26.1	24.7	23.6	24.0
18	25.5	22.7	23.9	30.5	25.8	27.9	27.7	25.2	26.3	24.2	23.4	23.8
19	25.9	23.2	24.3	30.3	25.7	27.8	27.6	25.3	26.3	24.0	23.6	23.8
20	26.6	23.5	24.8	30.2	25.6	27.8	27.3	25.2	26.2	24.8	23.7	24.2
21	25.7	23.2	24.3	29.7	25.8	27.6	28.2	25.1	26.4	25.2	24.2	24.6
22	24.2	23.0	23.6	29.4	25.1	27.1	27.5	25.5	26.3	24.8	24.0	24.2
23	24.9	23.0	23.7	29.2	25.5	27.4	28.8	24.9	26.6	24.4	23.7	24.0
24	24.8	23.6	24.1	26.9	25.0	25.7	29.3	25.3	27.1	23.9	23.0	23.5
25	25.6	24.0	24.6	25.4	24.7	25.0	29.3	25.7	27.3	23.0	21.1	22.1
26	25.3	24.3	24.7	25.6	24.8	25.2	28.1	25.4	26.7	21.1	20.5	20.7
27	27.1	24.0	25.2	26.7	24.8	25.6	26.8	24.8	25.9	21.6	20.8	21.2
28	26.0	24.8	25.3	28.1	25.4	26.6	25.7	24.6	25.1	22.2	21.4	21.8
29	26.4	24.1	25.2	29.4	26.2	27.5	25.0	23.9	24.3	22.2	21.9	22.0
30	27.4	24.7	25.8	29.0	26.5	27.5	24.1	23.4	23.7	22.7	21.7	22.1
31	---	---	---	28.4	25.9	26.7	23.7	22.8	23.2	---	---	---
MONTH	28.8	22.6	24.7	30.5	23.7	26.6	29.8	22.5	26.0	27.4	20.5	23.6
YEAR	30.5	1.9	17.9									

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 07:01 By ceoberst
APPROVED
DD #5, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	23	7.3	9.8	9.3	5.9	7.3
2	---	---	---	9.7	3.5	5.0	23	4.6	8.9	9.5	5.7	7.1
3	---	---	---	12	3.1	5.6	15	4.9	8.7	18	5.7	7.6
4	---	---	---	9.3	2.9	4.7	12	4.5	7.7	26	6.4	8.0
5	---	---	---	10	3.5	4.9	13	4.4	6.6	19	5.8	7.5
6	---	---	---	8.0	3.0	4.8	15	4.8	7.1	85	6.6	16
7	---	---	---	11	3.1	4.8	13	5.2	7.2	64	27	52
8	---	---	---	11	2.9	5.1	17	4.2	6.5	58	22	30
9	---	---	---	8.1	3.0	4.5	11	4.9	6.8	26	13	17
10	---	---	---	14	2.9	4.0	19	5.6	8.3	90	13	19
11	---	---	---	11	2.7	3.9	40	9.0	24	25	9.5	13
12	---	---	---	9.7	2.4	3.7	30	14	22	18	8.2	12
13	---	---	---	10	2.7	3.9	48	9.7	15	16	7.7	11
14	---	---	---	15	2.5	3.8	24	11	14	16	6.7	9.6
15	---	---	---	8.4	2.4	3.8	50	11	14	12	3.4	8.1
16	---	---	---	8.8	2.5	3.7	24	9.1	14	11	6.1	7.7
17	---	---	---	11	2.3	3.9	97	10	14	11	5.8	7.8
18	---	---	---	8.8	2.8	4.1	182	30	122	67	6.3	8.7
19	---	---	---	7.5	2.6	3.9	172	47	78	462	7.8	11
20	---	---	---	7.7	2.4	3.8	48	20	30	601	212	330
21	---	---	---	8.0	2.3	3.5	24	9.0	13	245	92	143
22	---	---	---	7.0	2.3	3.4	14	6.2	9.4	119	70	87
23	---	---	---	13	3.2	5.0	23	6.2	8.8	433	68	124
24	---	---	---	47	11	17	53	14	27	433	86	132
25	---	---	---	30	15	19	40	23	33	305	93	192
26	---	---	---	28	5.7	10	28	12	16	198	85	116
27	---	---	---	16	4.9	7.6	22	9.4	12	93	52	69
28	---	---	---	12	5.2	7.0	34	12	18	62	33	44
29	---	---	---	12	4.8	7.0	14	7.9	10	55	26	33
30	---	---	---	13	5.2	7.5	12	6.4	8.7	36	18	25
31	---	---	---	---	---	---	11	6.2	7.7	47	20	24
MAX	---	---	---	47	15	19	182	47	122	601	212	330
MIN	---	---	---	7.0	2.3	3.4	11	4.2	6.5	9.3	3.4	7.1

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 07:01 By ceoberst
APPROVED
DD #5, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	27	16	22	15	3.2	4.3	247	113	154	24	15	18
2	31	11	20	404	3.6	44	142	72	100	25	13	19
3	22	12	15	301	110	192	95	41	55	33	11	16
4	88	9.8	13	124	51	83	58	29	38	837	20	170
5	14	8.3	11	55	27	38	33	21	27	335	179	254
6	249	8.7	18	35	16	26	28	18	22	188	97	141
7	402	105	188	30	17	22	25	14	19	101	49	72
8	---	---	---	28	13	17	27	12	18	52	33	41
9	---	---	---	21	9.6	15	23	13	16	37	21	30
10	---	---	---	27	12	18	---	---	---	34	20	28
11	---	---	---	23	8.0	12	---	---	---	93	28	47
12	---	---	---	24	7.0	11	---	---	---	58	28	36
13	---	---	---	71	17	42	---	---	---	31	15	24
14	---	---	---	48	24	34	73	26	40	39	17	29
15	19	10	13	26	13	20	33	17	22	35	20	27
16	21	9.8	12	19	8.7	14	23	12	16	25	13	19
17	19	7.9	11	35	8.8	15	21	10	14	24	12	15
18	16	6.5	8.8	18	5.9	10	18	9.4	13	371	11	28
19	14	5.6	7.6	16	6.0	9.9	19	9.9	13	81	33	47
20	14	6.7	9.1	19	8.0	11	32	10	16	37	17	23
21	43	9.2	12	34	10	23	31	10	16	23	12	17
22	16	6.9	11	36	17	25	38	10	14	22	12	15
23	15	4.4	7.5	21	8.1	12	27	11	16	20	10	14
24	10	4.4	6.5	16	6.3	8.6	44	12	27	17	8.4	12
25	15	5.7	8.1	12	6.3	8.8	66	15	44	16	8.7	12
26	17	5.4	8.2	14	6.7	9.3	89	16	33	16	8.5	11
27	13	3.9	7.2	49	9.2	18	39	12	21	18	7.3	11
28	9.2	3.0	5.0	36	18	26	27	6.5	12	20	6.1	9.9
29	---	---	---	20	8.6	14	59	9.6	14	18	4.9	9.3
30	---	---	---	276	7.9	14	42	18	30	18	5.8	9.1
31	---	---	---	606	160	258	---	---	---	17	4.7	8.6
MAX	402	105	188	606	160	258	247	113	154	837	179	254
MIN	9.2	3.0	5.0	12	3.2	4.3	18	6.5	12	16	4.7	8.6

STATION NUMBER 02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334001 LONGITUDE 0835617 NAD83 DRAINAGE AREA 260.00 CONTRIBUTING DRAINAGE AREA DATUM 620.00 NGVD29
Date Processed: 2003-03-17 07:01 By ceoberst
APPROVED
DD #5, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13	5.2	7.5	64	8.8	14	103	31	59	20	7.3	14
2	17	4.2	7.1	34	14	24	44	23	32	16	5.6	12
3	15	4.3	7.6	220	18	34	38	15	21	17	5.3	9.6
4	114	3.6	6.9	30	9.2	16	25	8.4	16	14	2.3	9.0
5	526	32	125	26	6.6	15	20	5.6	10	12	4.5	7.6
6	661	32	57	16	3.7	8.7	16	4.5	9.2	12	2.3	6.3
7	1090	168	348	18	4.5	8.4	16	4.2	9.9	13	2.9	5.9
8	272	76	138	18	4.2	8.9	17	3.9	8.3	13	2.7	5.8
9	78	39	54	56	4.1	12	18	2.5	8.9	12	2.2	5.0
10	41	21	29	13	2.6	5.7	17	3.7	8.4	11	2.1	4.0
11	28	15	20	18	3.5	8.6	16	3.3	7.5	10	2.1	4.2
12	25	11	17	44	8.7	20	16	3.1	7.2	11	<2.0	3.4
13	20	7.6	14	59	20	27	22	<2.0	6.7	26	2.1	4.6
14	95	12	22	129	19	44	12	<2.0	4.7	226	25	40
15	113	47	79	33	14	26	66	<2.0	4.6	196	114	146
16	57	22	44	21	6.4	12	107	<2.0	6.3	191	55	97
17	25	13	19	18	5.2	8.4	84	7.3	18	59	24	36
18	19	8.4	13	15	3.8	7.5	35	19	25	>1100	24	400
19	18	6.9	11	13	3.6	6.4	50	17	24	378	87	149
20	14	5.0	9.1	12	3.0	6.2	41	22	30	88	33	56
21	15	3.4	8.2	21	3.4	5.8	40	24	32	76	28	37
22	11	4.3	7.7	14	2.6	5.6	38	15	24	240	50	116
23	18	7.2	10	14	2.7	6.0	24	8.2	14	229	60	111
24	121	17	44	317	12	153	21	6.5	11	71	31	39
25	90	27	46	293	130	166	20	4.2	9.7	95	25	31
26	31	10	20	219	68	119	30	2.5	9.4	211	40	52
27	18	5.3	12	123	31	50	20	2.7	9.4	147	56	100
28	28	6.6	10	34	12	28	18	2.4	9.2	127	55	88
29	141	16	32	27	13	19	41	8.8	16	56	27	37
30	20	7.1	14	30	8.7	17	30	6.2	15	28	20	23
31	---	---	---	85	8.5	17	33	11	16	---	---	---
MAX	1090	168	348	317	130	166	107	31	59	>1100	114	400
MIN	11	3.4	6.9	12	2.6	5.6	12	2.0	4.6	10	<2.0	3.4

YEAR		
	MAX	MAXIMUM >1100 MINIMUM 7.0
	MIN	MAXIMUM 212 MINIMUM <2.0
	MEDIAN	MAXIMUM 400 MINIMUM 3.4

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

ALTAMAHA RIVER BASIN
2002 Water Year

02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA

LOCATION.—Lat 33°40'01", long 83°56'17" referenced to North American Datum (NAD) of 1983, Rockdale County, Hydrologic Unit 03070103, 100.0 feet upstream of Gees Mill Road, 1.0 miles north of confluence with Big Haynes Creek, and 2.2 miles south of GA 138.

DRAINAGE AREA.—260 mi^2.

COOPERATION.—Rockdale County Department of Water Resources.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—November 1, 2001 to September 30, 2002.

REMARKS.—Laboratory chemical analyses with analyzing agency code 81213 are by the U.S. Geological Survey, Ocala Water-Quality and Resource Laboratory. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Dissolved Oxygen, and Turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DRAINAGE AREA (SQ. MI.) (81024)	SAMPLING METHOD, CODES (82398)	TURBIDITY (NTU) (00076)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	SPECIFIC CONDUCTANCE (US/CM) (00095)
NOV													
01...	0925	1028	81213	3.01	260.00	10	--	3.6	745	11.4	6.89	7.4	277
FEB													
19...	1358	1028	81213	3.46	260.00	10	--	8.3	754	11.21	7.4	7.6	158
JUN													
07...	0940	1028	81213	9.45	260.00	10	--	350	--	--	--	7	68
JUL													
24-24	0800	1028	81213	--	260.00	50	--	--	--	--	--	7.1	--
SEP													
18-19	0802	1028	81213	--	260.00	50	426	--	--	--	--	6.9	--
SEP													
26-28	0928	1028	81213	--	260.00	50	69	--	--	--	7.02	7.4	119

Date	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	TEMPERATURE WATER (DEG C) (00010)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	RESIDUE VOLATILE, SUSPENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
NOV													
01...	276	10.8	19	4.6	3	--	166	--	E.3	--	2.7	<.02	<.02
FEB													
19...	161	10	11	3.5	7	<1	107	.039	.5	1.5	1.5	<.02	.02
JUN													
07...	67	24.3	5.2	1.2	332	--	49	--	1.1	--	.61	<.02	<.02
JUL													
24-24	190	--	13	2.2	213	--	111	--	1.3	--	1.8	.02	.12
SEP													
18-19	89	--	6.4	1.3	343	--	63	--	1.8	--	.69	<.02	.29
SEP													
26-28	119	--	8.9	1.9	92	--	72	--	.4	--	.99	<.02	.06

02207335 YELLOW RIVER AT GEES MILL ROAD, NEAR MILSTEAD, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
NOV													
01...	.9	9.5	<.5	<.5	<1	<1	<2	<2	<2	<2	99	--	9.7
FEB													
19...	1.4	12	<.5	<.5	<1	<1	<2	2.7	<2	<2	63	92	3.7
JUN													
07...	--	13	<.5	<.5	<1	7.2	<2	8.2	<2	11	1.5	866	3.8
JUL													
24-24	4.8	17	<.5	<.5	<1	5	<2	7	<2	6.6	1.3	1130	7.8
SEP													
18-19	--	15	<.5	<.5	<1	8.2	<2	8.7	<2	12	2.3	1230	2.3
SEP													
26-28	--	11	<.5	<.5	<1	2.8	<2	3.2	<2	2.9	14	461	3.8

Date	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
NOV						
01...	--	--	--	1099	10	3044
FEB						
19...	4.5	95	42	1099	10	3044
JUN						
07...	74	--	--	1002	10	8010
JUL						
24-24	50	75	261	1002	10	8010
SEP						
18-19	54	87	480	1002	10	8010
SEP						
26-28	18	84	120	1002	10	8010

0Remark codes used in this report:
< -- Less than
E -- Estimated value

ALTAMAHA RIVER BASIN
2002 Water Year

02207382 BIG HAYNES CREEK AT PATE ROAD, NEAR SNELLVILLE, GA

LOCATION.—Lat 33°49'38", long 83°59'04" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Pate Road, 2.9 miles southeast of Snellville.

DRAINAGE AREA.—14.9 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1994 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 860.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 8.75 feet, January 27, 1996
DISCHARGE: 2,520 ft^3/s, January 27, 1996

MAXIMUM FOR CURRENT YEAR.—

STAGE: <3.79 feet, Not determined, peak below bottom of gage
DISCHARGE: <592 ft^3/s, Not determined, peak below bottom of gage

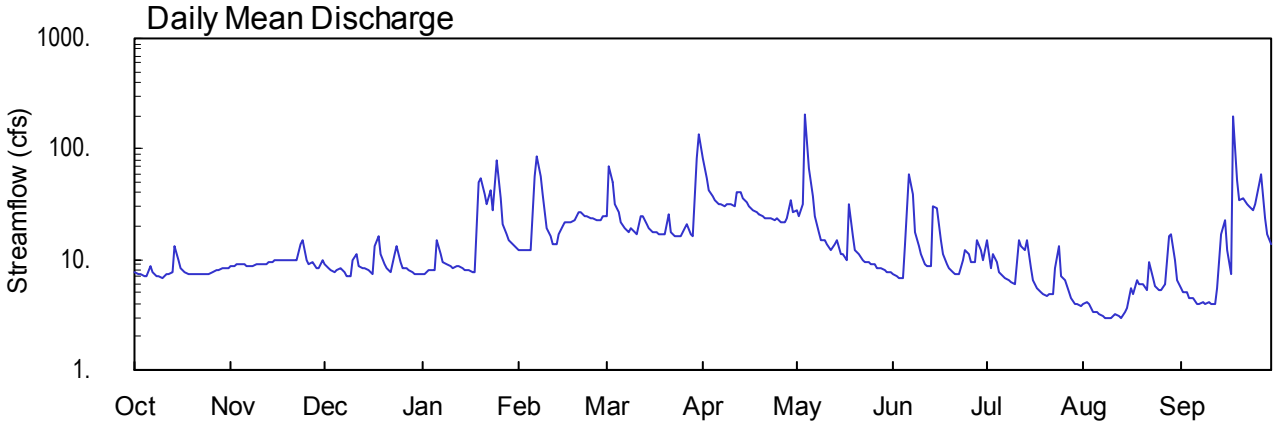
ALTAMAHA RIVER BASIN

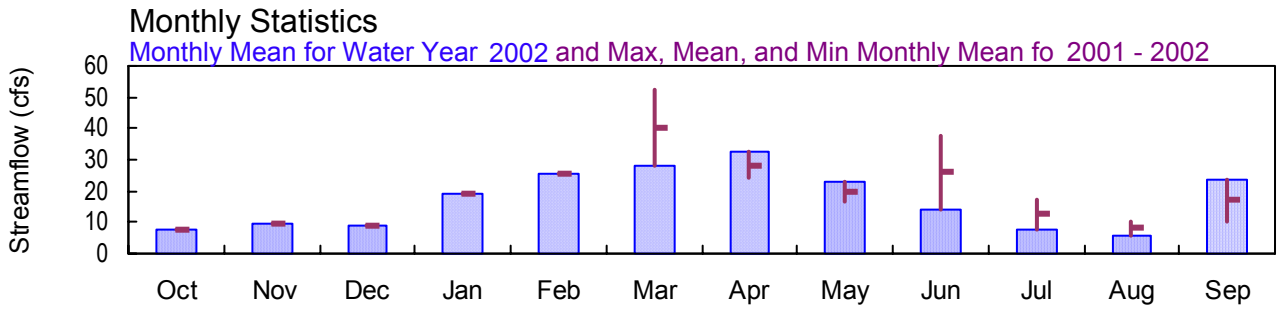
2002 Water Year

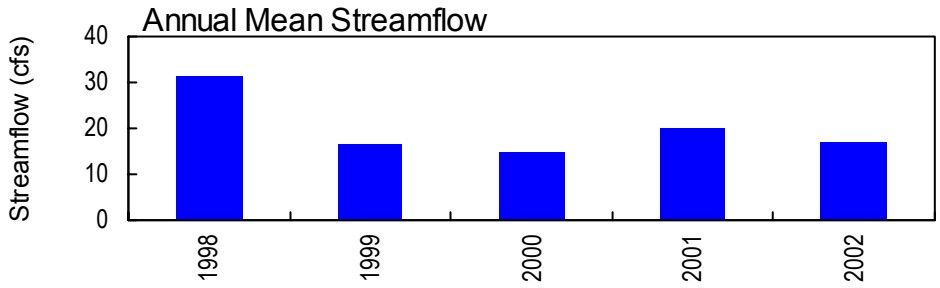
02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE,

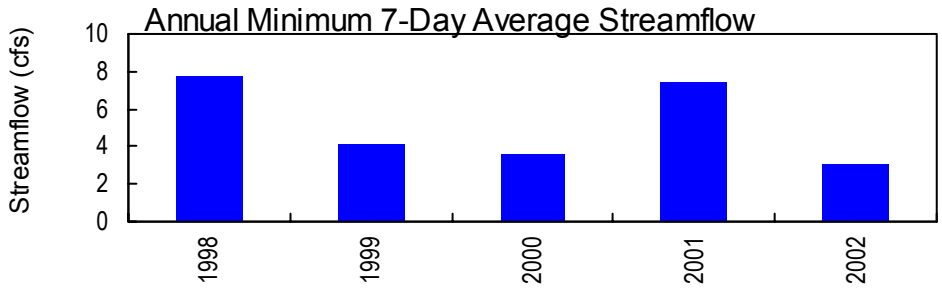
Latitude: 33°48'54" Longitude: 83°59'25" Hydrologic Unit Code: 03070103 Gwinnett County

Drainage Area: 17.3 mi^2 Datum: 860.00 feet









ALTAMAHA RIVER BASIN
2002 Water Year

02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA

LOCATION.—Lat 33º48'54", long 83º59'25" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 30.0 feet upstream of bridge on County Road 368, and 5.5 miles southeast of Snellville.

DRAINAGE AREA.—17.3 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—February 7, 2001 to current year.

GAGE.—Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 860 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—February 7, 2001 to current year.

GAGE.—Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 860 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.44 feet, September 18; minimum gage-height recorded, 2.51 feet, October 4, 5, 10.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 7, 2001 to September 30, 2001.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30* CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-12 08:39 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.6	8.6	8.9	7.5	12	25	82	28	7.3	15	3.9	e5.5
2	7.5	8.8	8.3	7.5	12	70	54	25	7.1	8.4	4.1	e5.0
3	7.3	9.0	8.0	8.0	12	51	43	31	6.8	11	3.9	e5.0
4	7.2	8.9	7.8	e8.1	12	32	37	203	6.9	9.3	3.4	e4.5
5	7.2	8.9	7.9	e8.1	12	27	34	67	13	7.7	3.4	e4.5
6	8.7	8.6	8.4	15	e57	22	32	38	60	7.0	3.2	e4.0
7	7.8	8.8	7.6	11	e87	19	31	25	39	6.8	3.1	e4.0
8	7.2	8.8	7.2	9.5	e56	18	30	18	18	6.5	3.0	4.1
9	7.0	9.0	7.2	9.0	e39	19	32	15	13	6.2	3.0	4.0
10	6.9	9.1	9.8	8.7	19	18	31	15	11	6.0	3.0	4.1
11	7.4	9.1	11	8.4	16	17	30	14	8.9	15	3.2	3.9
12	7.5	9.0	8.6	8.6	14	25	41	12	8.7	13	3.1	3.9
13	7.6	9.3	8.5	8.7	14	25	41	14	8.6	12	3.0	5.6
14	13	9.5	8.4	8.2	17	21	36	15	30	15	3.3	17
15	9.7	9.7	7.9	7.9	20	19	33	11	29	8.4	3.7	23
16	8.2	9.7	7.5	7.9	22	18	30	11	15	6.5	5.6	12
17	7.7	9.8	13	7.7	22	18	28	10	11	5.6	4.9	7.4
18	7.3	9.9	16	7.8	22	17	27	32	9.0	5.1	6.4	194
19	7.3	10	11	49	23	17	26	16	8.2	4.8	6.1	53
20	7.4	10	8.9	e54	27	17	25	12	7.8	4.6	6.1	35
21	7.5	9.9	8.2	e39	27	26	24	11	7.3	4.8	5.3	36
22	7.4	9.7	7.7	e31	25	18	24	9.9	7.4	4.9	9.5	32
23	7.3	14	11	42	25	16	24	9.5	9.8	8.4	6.9	30
24	7.4	15	13	28	24	16	23	9.3	12	13	5.7	28
25	7.5	10	9.4	79	24	16	24	8.9	11	7.0	5.3	31
26	7.7	8.9	8.4	e36	23	19	22	8.9	9.3	6.5	5.2	48
27	7.9	9.3	8.2	21	23	21	22	8.5	9.4	5.1	6.0	58
28	8.0	8.3	7.9	17	25	17	24	8.2	15	4.4	e16	24
29	8.4	8.2	7.7	15	---	16	34	7.9	12	4.0	e17	17
30	8.5	9.8	7.5	14	---	81	27	7.8	9.8	4.0	e10	14
31	8.5	---	7.5	13	---	137	---	7.7	---	3.8	e6.5	---
TOTAL	243.6	287.6	278.4	595.6	711	878	971	709.6	421.3	239.8	172.8	717.5
MEAN	7.86	9.59	8.98	19.2	25.4	28.3	32.4	22.9	14.0	7.74	5.57	23.9
MAX	13	15	16	79	87	137	82	203	60	15	17	194
MIN	6.9	8.2	7.2	7.5	12	16	22	7.7	6.8	3.8	3.0	3.9
CFSM	0.45	0.55	0.52	1.11	1.47	1.64	1.87	1.32	0.81	0.45	0.32	1.38
IN.	0.52	0.62	0.60	1.28	1.53	1.89	2.09	1.53	0.91	0.52	0.37	1.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	7.86	9.59	8.98	19.2	25.4	40.2	28.2	19.9	25.9	12.5	8.05	17.1
MAX	7.86	9.59	8.98	19.2	25.4	52.2	32.4	22.9	37.7	17.3	10.5	23.9
(WY)	2002	2002	2002	2002	2002	2001	2002	2002	2001	2001	2001	2002
MIN	7.86	9.59	8.98	19.2	25.4	28.3	24.0	16.9	14.0	7.74	5.57	10.3
(WY)	2002	2002	2002	2002	2002	2002	2001	2001	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	6226.2			
ANNUAL MEAN	17.1		17.1	
HIGHEST ANNUAL MEAN			17.1	2002
LOWEST ANNUAL MEAN			17.1	2002
HIGHEST DAILY MEAN	203	May 4	350	Mar 15 2001
LOWEST DAILY MEAN	3.0	Aug 8	3.0	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	3.1	Aug 7	3.1	Aug 7 2002
MAXIMUM PEAK FLOW	1310	Sep 18	1990	Mar 15 2001
MAXIMUM PEAK STAGE	7.44	Sep 18	8.29	Mar 15 2001
ANNUAL RUNOFF (CFSM)	0.99		0.99	
ANNUAL RUNOFF (INCHES)	13.39		13.40	
10 PERCENT EXCEEDS	32		32	
50 PERCENT EXCEEDS	9.8		9.8	
90 PERCENT EXCEEDS	5.1		5.1	

e Estimated

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30* CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-12 08:36 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.64	2.69	2.76	2.71	2.87	3.17	3.66	2.98	2.80	3.00	2.71	---
2	2.64	2.70	2.74	2.71	2.86	3.71	3.36	2.92	2.79	2.84	2.72	---
3	2.63	2.70	2.73	2.73	2.86	3.56	3.22	3.02	2.78	2.89	2.70	---
4	2.63	2.70	2.72	---	2.86	3.29	3.14	4.38	2.78	2.87	2.68	---
5	2.63	2.70	2.72	---	2.85	3.19	3.08	3.81	2.97	2.81	2.68	---
6	2.68	2.69	2.74	2.93	---	3.11	3.05	3.47	3.54	2.79	2.66	---
7	2.65	2.70	2.71	2.84	---	3.05	3.03	3.25	3.46	2.78	2.65	---
8	2.64	2.70	2.70	2.78	---	3.03	3.01	3.10	3.10	2.77	2.65	2.71
9	2.63	2.70	2.69	2.76	---	3.04	3.05	3.03	2.99	2.75	2.65	2.71
10	2.62	2.71	2.78	2.75	3.04	3.02	3.04	3.04	2.92	2.74	2.65	2.71
11	2.64	2.71	2.82	2.74	2.97	2.99	3.00	3.00	2.86	2.96	2.67	2.71
12	2.65	2.71	2.75	2.75	2.93	3.15	3.17	2.97	2.85	2.98	2.65	2.71
13	2.65	2.72	2.75	2.75	2.92	3.17	3.20	3.01	2.84	2.96	2.65	2.77
14	2.83	2.72	2.74	2.73	2.99	3.08	3.12	3.02	3.24	3.07	2.67	3.14
15	2.73	2.73	2.72	2.72	3.08	3.04	3.06	2.95	3.32	2.90	2.70	3.25
16	2.67	2.73	2.71	2.72	3.11	3.01	3.01	2.92	3.04	2.83	2.78	3.02
17	2.65	2.73	2.83	2.72	3.11	3.01	2.98	2.90	2.92	2.79	2.76	2.86
18	2.64	2.74	2.97	2.72	3.11	3.00	2.95	3.34	2.86	2.77	2.82	4.06
19	2.64	2.74	2.82	3.29	3.12	2.99	2.93	3.06	2.84	2.75	2.81	3.24
20	2.64	2.74	2.76	---	3.20	2.99	2.92	2.96	2.82	2.75	2.81	3.00
21	2.65	2.74	2.73	---	3.19	3.17	2.90	2.92	2.80	2.75	2.77	3.01
22	2.64	2.73	2.71	---	3.16	3.02	2.90	2.90	2.80	2.76	2.94	2.95
23	2.64	2.84	2.82	3.42	3.16	2.99	2.89	2.88	2.89	2.85	2.84	2.92
24	2.64	2.91	2.89	3.19	3.15	2.97	2.87	2.87	2.96	3.00	2.79	2.88
25	2.65	2.80	2.78	3.82	3.14	2.96	2.89	2.86	2.91	2.84	2.77	2.93
26	2.66	2.76	2.74	---	3.13	3.04	2.86	2.86	2.88	2.82	2.77	3.16
27	2.66	2.77	2.73	3.08	3.13	3.08	2.86	2.85	2.88	2.77	2.80	3.46
28	2.67	2.74	2.72	3.01	3.15	3.00	2.90	2.83	3.02	2.74	---	3.13
29	2.68	2.73	2.71	2.95	---	2.97	3.06	2.82	2.97	2.71	---	2.98
30	2.69	2.79	2.71	2.92	---	3.55	2.95	2.82	2.89	2.71	---	2.91
31	2.69	---	2.71	2.88	---	4.11	---	2.81	---	2.70	---	---
MEAN	2.66	2.74	2.76	---	---	3.14	3.04	3.05	2.96	2.83	---	---
MAX	2.83	2.91	2.97	---	---	4.11	3.66	4.38	3.54	3.07	---	---
MIN	2.62	2.69	2.69	---	---	2.96	2.86	2.81	2.78	2.70	---	---

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30* CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-12 08:36 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.05	0.0	0.00	0.12	0.00	0.07	0.00	0.00
2	0.0	0.0	0.01	0.0	0.0	1.81	0.00	0.00	0.00	0.00	0.10	0.00
3	0.0	0.0	0.0	0.0	0.02	0.26	0.00	0.67	0.00	0.03	0.00	0.00
4	0.0	0.0	0.0	0.10	0.01	0.0	0.00	1.98	0.65	0.01	0.00	0.00
5	0.0	0.0	0.0	0.06	0.00	0.0	0.00	0.01	0.47	0.00	0.00	0.00
6	0.22	0.0	0.19	0.55	2.14	0.0	0.00	0.00	2.58	0.00	0.00	0.00
7	0.01	0.0	0.0	0.0	0.15	0.0	0.00	0.00	0.01	0.00	0.00	0.00
8	0.0	0.0	0.0	0.48	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00
9	0.0	0.0	0.0	0.0	0.00	0.40	0.25	0.38	0.00	0.00	0.00	0.00
10	0.00	0.0	0.64	0.0	0.00	0.01	0.00	0.11	0.00	0.18	0.00	0.00
11	0.00	0.0	0.0	0.01	0.00	0.0	0.00	0.00	0.00	0.02	0.00	0.00
12	0.00	0.0	0.0	0.14	0.00	0.61	0.68	0.00	0.00	0.00	0.00	0.00
13	0.02	0.0	0.13	0.0	0.00	0.03	0.08	0.38	0.42	1.46	0.00	1.13
14	0.58	0.0	0.03	0.0	0.00	0.0	0.04	0.00	0.34	0.00	0.01	0.79
15	0.01	0.0	0.0	0.01	0.00	0.0	0.00	0.00	0.00	0.00	0.53	0.94
16	0.0	0.0	0.0	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.06	0.00
17	0.0	0.0	0.62	0.0	0.00	0.00	0.00	0.23	0.00	0.00	0.24	0.00
18	0.0	0.0	0.0	0.01	0.00	0.00	0.00	0.57	0.00	0.00	0.03	2.52
19	0.0	0.0	0.0	1.99	0.00	0.00	0.00	0.04	0.00	0.00	0.03	0.00
20	0.0	0.0	0.0	0.0	0.32	0.41	0.00	0.19	0.00	0.53	0.00	0.11
21	0.0	0.0	0.0	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.10	0.38
22	0.0	0.0	0.0	0.65	0.00	0.00	0.00	0.00	0.13	0.00	0.19	0.01
23	0.0	0.83	0.57	0.08	0.00	0.00	0.00	0.00	0.34	0.76	0.00	0.00
24	0.0	0.01	0.0	0.98	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00
25	0.0	0.04	0.0	0.07	0.00	0.00	0.11	0.00	0.01	0.03	0.00	0.67
26	0.0	0.28	0.0	0.0	0.02	0.42	0.00	0.00	0.02	0.05	0.01	0.62
27	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.41
28	0.0	0.0	0.0	0.0	0.00	0.00	0.92	0.00	0.59	0.00	0.00	0.00
29	0.0	0.0	0.0	0.0	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.0	0.22	0.0	0.0	---	3.02	0.23	0.00	0.68	0.00	0.00	0.00
31	0.0	---	0.0	0.0	---	0.34	---	0.00	---	0.44	0.00	---
TOTAL	0.84	1.38	2.19	5.42	2.71	7.59	2.31	4.68	6.42	4.29	1.30	7.58

02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA

LOCATION.—Lat 33º48'54", long 83º59'25" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 30.0 feet upstream of bridge on County Road 368, and 5.5 miles southeast of Snellville.

DRAINAGE AREA.—17.3 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.—February 7, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: February 7, 2001 to current year.
WATER TEMPERATURE: February 7, 2001 to current year.
TURBIDITY: February 7, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records fair, except turbidity records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 132 microsiemens, August 27, 2002; minimum, 12 microsiemens, April 12, 14, 2002.
WATER TEMPERATURE: Maximum recorded, 26.4°C, August 18, 24, 2002; minimum recorded, 2.1°C, January 5, 2002.
TURBIDITY: Maximum recorded, >2,200 NTU, January 19, May 4, June 4, 5, 14, 2002; minimum recorded, <2.0 NTU, on many days.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 132 microsiemens, August 27; minimum, 12 microsiemens, April 12, 14.
WATER TEMPERATURE: Maximum, 26.4°C, August 18, 24; minimum, 2.1°C, January 5.
TURBIDITY: Maximum, >2,200 NTU, January 19, May 4, June 4, 5, 14; minimum, <2.0 NTU, October 9, 10.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 104 microsiemens, September 22; minimum, 19 microsiemens, March 15.
WATER TEMPERATURE: Maximum, 24.8°C, July 11; minimum, 7.5°C, March 10.
TURBIDITY: Maximum, >1,100 NTU, July 3, September 24; minimum, 2.4 NTU, September 18.

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 11:53 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	84	68	79	87	74	82	89	79	83	80	67	77
2	83	69	79	89	68	82	84	67	78	79	64	75
3	85	64	80	86	75	82	83	68	78	80	65	71
4	87	75	82	95	83	89	82	66	78	71	57	67
5	85	71	79	92	79	84	92	72	79	77	56	65
6	84	72	79	85	75	82	---	---	---	67	49	57
7	83	68	77	86	74	83	80	67	77	62	51	59
8	88	73	81	88	70	82	97	76	83	68	58	63
9	87	68	81	84	58	74	85	67	80	73	54	65
10	84	66	79	82	72	77	79	61	72	72	57	66
11	85	74	80	81	64	73	81	60	69	74	56	65
12	79	70	76	75	58	67	82	61	76	77	56	69
13	82	77	79	78	65	70	82	65	74	76	65	73
14	82	53	69	80	67	74	83	59	75	78	58	71
15	76	65	72	78	67	75	84	67	76	81	60	75
16	81	71	77	77	69	75	80	69	75	78	60	72
17	80	73	78	84	65	77	81	52	73	83	60	73
18	80	73	78	79	61	73	71	51	62	81	64	74
19	80	63	76	77	64	71	80	61	71	73	37	58
20	94	65	81	79	58	73	79	63	75	51	30	38
21	92	73	84	78	67	74	79	62	74	43	31	35
22	94	75	85	73	66	69	79	67	76	59	34	49
23	99	79	89	75	61	70	79	57	69	56	35	45
24	90	81	86	61	48	54	71	56	63	61	49	58
25	96	68	85	63	52	57	80	62	69	56	39	49
26	98	73	88	82	55	64	87	63	79	59	50	56
27	97	79	88	66	57	62	92	70	81	62	56	59
28	87	79	83	70	54	62	90	63	79	60	43	55
29	93	77	84	81	66	76	76	63	72	62	55	59
30	88	76	82	90	64	77	74	64	72	65	60	63
31	81	69	77	---	---	---	80	60	71	67	61	64
MONTH	99	53	80	95	48	74	97	51	75	83	30	62

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 11:53 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	71	60	66	65	61	65	---	---	---	75	61	64
2	75	67	70	65	33	48	51	47	49	68	61	65
3	71	62	68	54	48	50	52	48	50	64	42	55
4	71	63	68	58	52	56	53	50	51	49	27	41
5	72	58	67	60	55	58	53	46	49	51	43	46
6	73	29	53	61	54	59	50	45	49	48	46	47
7	51	40	48	61	53	59	50	46	48	55	46	49
8	54	47	51	60	51	57	46	43	45	61	53	56
9	55	50	53	67	51	59	45	35	41	63	57	61
10	65	51	56	61	53	58	---	---	---	63	52	58
11	61	54	59	62	52	59	---	---	---	63	55	59
12	63	52	58	62	52	56	---	---	---	62	56	60
13	64	55	59	55	49	53	---	---	---	64	42	57
14	63	52	59	57	50	54	---	---	---	51	42	48
15	62	53	59	59	52	56	---	---	---	52	44	49
16	62	55	60	73	53	58	44	32	38	53	49	52
17	61	53	59	60	53	58	32	25	28	52	48	50
18	65	57	62	61	53	58	26	23	24	---	---	---
19	63	56	61	64	55	60	25	21	23	---	---	---
20	64	53	60	66	59	63	23	19	21	---	---	---
21	59	52	57	59	51	55	19	16	18	---	---	---
22	63	57	61	66	56	61	18	16	17	---	---	---
23	66	57	63	81	59	64	19	17	18	---	---	---
24	67	60	63	68	56	63	17	15	16	---	---	---
25	64	56	62	68	60	66	17	16	16	---	---	---
26	64	54	60	68	56	62	18	16	17	---	---	---
27	63	59	62	61	54	58	18	17	18	---	---	---
28	67	63	64	67	56	61	---	---	---	---	---	---
29	---	---	---	68	58	64	---	---	---	---	---	---
30	---	---	---	---	---	---	66	58	64	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	75	29	60	81	33	59	66	15	33	75	27	54

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 11:53 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	99	79	89	80	67	73
2	---	---	---	81	62	75	103	77	90	85	69	80
3	---	---	---	86	52	76	111	95	104	87	80	84
4	---	---	---	66	54	62	105	92	99	87	84	86
5	63	54	60	68	59	65	107	91	99	90	85	87
6	---	---	---	74	65	70	105	91	99	105	80	91
7	---	---	---	87	66	72	125	92	105	108	94	101
8	63	58	61	82	65	76	129	85	111	104	89	96
9	66	58	63	78	64	74	120	91	109	102	79	95
10	71	62	68	86	59	76	127	100	112	111	94	102
11	75	67	71	84	42	68	126	113	118	113	92	105
12	75	61	71	70	50	61	121	104	115	108	97	103
13	75	59	72	70	41	65	121	111	116	110	64	100
14	69	53	63	---	---	---	120	92	110	---	---	---
15	65	60	63	---	---	---	124	104	117	---	---	---
16	65	58	61	86	64	78	117	74	92	---	---	---
17	72	63	67	93	79	85	111	94	101	---	---	---
18	75	67	72	91	78	84	101	74	83	---	---	---
19	75	70	73	103	71	88	94	74	88	---	---	---
20	76	67	73	100	75	89	97	69	87	---	---	---
21	74	71	72	106	80	92	119	83	99	77	53	64
22	76	67	72	108	89	94	119	70	82	72	59	66
23	77	67	71	97	42	85	98	78	89	84	72	79
24	68	64	66	53	26	43	112	79	102	87	76	82
25	69	63	66	42	27	36	126	86	112	83	69	80
26	73	68	71	45	39	42	126	94	111	71	49	65
27	75	69	73	51	44	47	132	100	118	61	50	55
28	73	60	67	59	49	52	120	50	81	65	60	63
29	74	66	68	61	54	57	54	35	49	68	64	66
30	---	---	---	68	58	63	60	30	47	68	62	66
31	---	---	---	89	64	74	72	59	67	---	---	---
MONTH	77	53	68	108	26	70	132	30	97	113	49	82
YEAR	132	15	69									

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 11:19 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.2	13.8	15.5	15.2	11.2	13.2	14.9	11.9	13.3	6.7	3.8	5.2
2	17.6	13.6	15.5	16.1	12.7	14.3	14.2	10.9	12.5	5.3	4.4	5.0
3	17.9	13.9	15.9	17.8	14.4	15.7	13.8	10.7	12.0	5.1	3.3	4.2
4	18.1	14.2	16.2	16.6	13.6	15.0	13.0	9.2	11.0	5.6	2.3	3.7
5	17.5	14.8	16.3	15.3	11.2	13.2	13.3	9.1	11.3	5.9	2.1	4.1
6	18.0	15.1	17.1	13.8	10.0	11.8	14.9	11.8	13.3	6.4	5.3	5.9
7	16.2	13.5	14.8	13.3	8.6	11.0	14.9	11.6	13.3	6.3	5.1	5.9
8	15.2	12.4	13.7	13.8	9.4	11.6	15.4	12.2	13.8	6.6	4.0	5.1
9	14.9	12.2	13.6	14.5	10.3	12.3	14.9	13.2	14.0	7.7	3.8	5.7
10	16.3	13.0	14.7	14.5	10.1	12.1	14.0	10.9	12.2	9.8	5.8	7.9
11	17.7	15.5	16.6	14.1	9.9	11.8	12.1	10.7	11.4	12.1	8.6	10.1
12	18.9	17.0	17.8	14.1	10.6	12.0	12.6	11.9	12.2	8.6	6.8	7.8
13	19.7	18.0	18.8	12.8	9.5	11.0	13.9	12.6	13.2	9.2	6.0	7.3
14	19.8	17.2	18.9	13.3	9.6	11.2	16.3	13.3	14.7	8.3	5.9	7.0
15	17.9	14.9	16.4	13.9	9.8	11.7	13.8	10.8	12.2	9.4	6.2	7.5
16	16.1	13.2	14.5	13.5	9.0	11.1	12.9	10.7	11.8	8.8	5.3	7.0
17	13.9	11.2	12.5	13.9	9.4	11.5	14.4	12.3	13.2	9.2	4.8	7.1
18	13.7	10.0	11.8	13.9	10.2	11.9	14.3	11.3	13.0	10.7	7.8	9.2
19	14.6	10.5	12.5	13.7	9.7	11.7	12.1	9.3	10.9	9.7	7.9	8.8
20	15.8	11.8	13.9	13.9	10.5	12.2	11.1	8.6	9.9	8.7	7.0	7.8
21	16.8	12.9	14.8	12.0	8.8	10.1	9.8	6.6	8.2	9.7	7.5	8.6
22	17.8	14.2	15.8	12.1	8.0	10	9.6	6.1	7.8	9.8	7.0	8.5
23	18.4	15.2	16.6	12.7	10.6	11.6	10.2	7.6	8.9	10.4	9.0	9.6
24	17.9	14.9	16.5	15.2	12.7	14.0	10.1	7.2	8.6	12.5	10.4	11.5
25	17.9	14.6	16.8	16.7	14.0	15.4	8.1	5.8	6.9	12.5	11.3	11.9
26	15.1	12.1	13.8	15.2	12.3	13.9	6.8	4.9	5.7	11.6	9.4	10.6
27	12.4	9.8	11.1	17.0	14.4	15.5	6.5	3.6	5.1	11.3	8.5	10
28	11.4	7.6	9.5	16.5	14.0	15.2	8.8	5.2	6.7	12.6	9.5	11.1
29	11.8	7.4	9.5	17.2	14.2	15.6	10.1	7.3	8.3	14.1	10.5	12.3
30	12.7	8.0	10.4	17.1	14.0	15.8	7.9	5.7	6.6	15.1	12.0	13.4
31	13.2	8.9	11.1	---	---	---	6.3	5.2	5.8	16.0	13.2	14.5
MONTH	19.8	7.4	14.6	17.8	8.0	12.8	16.3	3.6	10.6	16.0	2.1	8.2

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 11:19 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.0	12.7	14.7	9.5	3.9	6.7	---	---	---	18.7	16.3	17.5
2	12.7	10.0	11.3	8.4	7.1	7.8	18.4	14.1	16.3	21.2	18.1	19.6
3	10.3	9.0	9.7	9.1	7.2	8.6	19.4	15.3	17.0	20.1	19.0	19.6
4	11.0	7.8	9.1	8.1	5.7	6.8	17.2	13.8	15.5	19.0	16.0	17.4
5	8.2	6.6	7.5	9.7	5.0	7.2	16.9	12.3	14.5	18.3	16.7	17.3
6	7.8	5.6	6.8	11.0	6.1	8.5	16.2	11.6	13.9	18.9	16.7	17.9
7	7.8	6.5	7.4	12.4	7.2	9.8	16.4	11.7	14.0	20.1	17.7	18.9
8	9.5	6.6	7.9	13.7	8.7	11.3	17.4	13.8	15.4	20.9	18.6	19.9
9	10.6	6.9	8.8	14.7	12.3	13.3	16.3	15.5	15.9	21.3	18.8	20.1
10	13.0	10.1	11.4	13.4	9.7	11.4	17.8	15.6	16.6	21.3	19.1	20.3
11	11.8	9.2	10.5	12.9	7.9	10.4	17.0	16.0	16.4	20.3	19.4	19.9
12	10.9	7.3	9.0	11.4	10.6	11.0	16.8	15.9	16.3	20.2	18.8	19.5
13	11.5	8.5	9.7	13.8	11.3	12.3	17.3	16.4	16.8	20.9	18.9	19.9
14	11.3	7.6	9.4	15.9	10.8	13.4	18.6	16.5	17.5	18.9	16.4	17.6
15	11.8	7.8	9.8	16.5	11.6	14.2	19.5	16.6	18.1	18.3	14.8	16.8
16	13.0	9.3	10.8	17.5	14.5	15.8	19.9	16.6	18.5	18.8	15.3	17.3
17	12.1	8.9	10.1	19.1	15.2	17.0	20.9	17.4	19.2	20.1	17.1	18.7
18	11.3	6.8	8.9	19.0	15.6	17.1	21.4	18.0	19.7	20.1	18.5	19.6
19	11.1	6.6	9.0	17.5	15.6	16.4	21.7	17.8	19.8	18.5	16.7	17.6
20	12.1	10.0	10.9	18.2	15.2	16.5	22.0	19.0	20.5	17.0	15.2	16.1
21	13.7	9.5	11.4	18.3	15.0	16.4	22.1	18.9	20.5	16.1	13.6	15.1
22	11.9	9.3	10.6	15.0	10.5	12.5	20.5	17.2	19.2	16.5	14.1	15.3
23	12.0	7.8	9.8	14.1	8.5	11.2	18.6	15.0	17.0	17.0	13.2	15.3
24	12.5	7.4	9.8	15.3	9.0	12.1	19.2	15.8	17.6	18.1	14.1	16.3
25	13.2	7.8	10.4	16.8	11.5	14.3	19.6	16.8	18.0	19.1	15.5	17.5
26	13.8	9.0	10.9	16.3	14.7	15.5	16.8	14.6	15.4	19.8	17.2	18.7
27	9.0	5.5	7.0	16.4	12.6	14.3	16.5	14.7	15.6	20.9	18.2	19.6
28	9.1	4.1	6.1	16.1	10.6	13.3	---	---	---	20.9	18.2	19.6
29	---	---	---	17.2	11.4	14.4	---	---	---	20.7	17.9	19.4
30	---	---	---	---	---	---	17.8	16.1	16.6	20.8	18.3	19.6
31	---	---	---	---	---	---	---	---	---	22.1	19.1	20.5
MONTH	16.0	4.1	9.6	19.1	3.9	12.4	22.1	11.6	17.1	22.1	13.2	18.3

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 11:19 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.9	19.4	21.1	---	---	---	24.3	21.6	22.9	22.5	20.7	21.6
2	23.6	20.1	21.8	24.1	21.5	22.8	24.9	21.8	23.2	23.0	21.0	21.8
3	24.1	20.6	22.2	23.9	21.5	22.6	24.8	21.7	23.0	23.2	20.2	21.7
4	24.0	21.2	22.5	23.8	21.5	22.7	24.6	20.8	22.6	24.3	20.5	22.3
5	23.6	21.4	22.6	24.3	21.7	23.0	24.8	20.9	22.8	24.4	21.1	22.7
6	---	---	---	24.7	22.1	23.4	25.4	21.6	23.4	24.6	21.8	22.9
7	---	---	---	24.3	22.1	23.1	24.4	21.6	22.9	23.7	20.5	22.0
8	23.6	22.0	22.9	24.2	21.8	22.9	23.6	19.7	21.5	23.2	19.7	21.3
9	22.3	20.1	21.4	23.9	20.5	22.2	23.4	19.3	21.2	23.3	19.2	21.0
10	22.1	19.2	20.8	24.5	21.7	23.0	23.0	19.2	21.0	23.1	18.3	20.6
11	22.1	18.9	20.6	24.6	22.3	23.2	22.9	18.9	20.9	23.2	18.5	20.8
12	23.3	19.1	21.0	24.1	21.9	22.5	23.3	19.0	21.0	23.1	20.0	21.4
13	22.6	19.4	21.1	22.8	21.4	21.8	23.2	19.6	21.4	21.8	20.0	20.9
14	23.7	21.5	22.3	23.8	22.1	22.9	23.8	20.8	22.1	22.9	21.5	22.2
15	23.5	22.1	22.9	24.2	21.9	23.0	24.5	21.4	22.7	22.7	21.5	22.1
16	22.1	20.0	21.2	24.7	21.9	23.3	24.3	22.3	23.2	23.4	21.9	22.7
17	21.8	19.8	20.9	25.0	22.4	23.6	24.9	22.1	23.3	23.3	22.2	22.8
18	22.0	19.3	20.8	25.1	22.4	23.7	25.1	22.2	23.3	23.1	21.6	22.4
19	21.9	20.2	21.0	25.1	22.0	23.5	25.0	21.9	23.2	22.9	22.5	22.6
20	22.6	20.2	21.3	25.0	22.1	23.4	24.8	21.7	23.2	23.3	22.4	22.7
21	21.7	19.6	20.7	24.9	22.1	23.3	25.4	22.3	23.7	23.3	22.3	22.8
22	21.1	19.4	20.3	24.8	21.5	23.0	25.0	23.1	24.0	23.0	22.4	22.7
23	21.8	20.4	21.0	24.8	22.0	23.1	26.0	22.9	24.3	23.1	21.9	22.6
24	22.8	20.9	21.8	24.3	21.8	23.0	26.4	23.0	24.4	22.3	21.4	21.8
25	23.3	21.6	22.3	23.6	22.3	22.8	25.5	23.2	24.1	21.4	18.8	20.0
26	22.5	21.6	22.0	23.7	22.3	22.9	24.7	22.6	23.5	20.6	18.7	19.3
27	23.6	21.2	22.3	24.2	22.1	23.1	23.3	21.7	22.4	21.5	20.6	21.2
28	22.5	21.5	22.0	25.3	22.2	23.5	24.2	21.7	23.0	21.6	20.4	21.1
29	23.4	21.4	22.3	25.3	22.6	23.9	23.7	23.0	23.3	21.4	20.8	21.0
30	---	---	---	25.4	22.7	23.8	23.2	22.1	22.8	21.3	20.4	20.8
31	---	---	---	25.1	22.3	23.2	22.1	21.4	21.8	---	---	---
MONTH	24.1	18.9	21.6	25.4	20.5	23.1	26.4	18.9	22.8	24.6	18.3	21.7
YEAR	26.4	2.1	16.0									

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30* CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-17 11:05 By bemccall
APPROVED
DD #11, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	16	13	---	20	---	361
2	---	---	---	---	---	---	16	18	---	89	---	121
3	---	---	---	---	---	---	---	14	---	>1100	---	240
4	---	---	---	---	---	---	---	11	---	230	---	274
5	---	---	---	---	---	---	---	21	---	26	---	24
6	---	---	---	---	---	---	22	14	---	20	---	19
7	---	---	---	---	---	---	25	13	---	38	---	15
8	---	---	---	---	---	---	18	15	---	25	---	20
9	---	---	---	---	---	---	22	17	---	37	---	16
10	---	---	---	---	---	13	16	99	---	40	---	22
11	---	---	---	---	---	12	19	16	---	27	---	16
12	---	---	---	---	---	---	42	19	---	27	---	14
13	---	---	---	---	---	---	25	21	143	33	---	11
14	---	---	---	---	---	---	19	14	670	18	---	13
15	---	---	---	---	---	---	70	11	163	18	---	22
16	---	---	---	---	---	---	125	13	79	15	15	13
17	---	---	---	---	---	---	22	9.7	30	14	14	14
18	---	---	---	---	---	---	27	13	23	---	12	13
19	---	---	---	---	---	---	22	399	22	---	14	15
20	---	---	---	---	---	---	17	115	27	---	14	10
21	---	---	---	---	---	---	128	25	21	---	13	17
22	---	---	---	---	---	36	20	533	509	---	14	15
23	---	---	---	---	---	27	16	31	65	---	14	22
24	---	---	---	---	---	---	28	16	21	---	13	>1100
25	---	---	---	---	---	---	24	20	24	---	12	62
26	---	---	---	---	---	---	18	30	20	---	12	28
27	---	---	---	---	---	15	17	23	19	---	14	17
28	---	---	---	---	---	12	46	56	18	---	20	18
29	---	---	---	---	---	156	16	301	20	---	232	17
30	---	---	---	---	---	46	13	36	16	229	98	14
31	---	---	---	---	---	18	---	33	---	34	380	---
MEAN	---	---	---	---	---	---	---	64	---	---	---	85
MAX	---	---	---	---	---	---	---	533	---	---	---	>1100
MED	---	---	---	---	---	---	---	19	---	---	---	17

> Actual value is known to be greater than the value shown

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30* CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-17 11:05 By bemccall
APPROVED
DD #11, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	7.6	5.1	---	7.3	---	20
2	---	---	---	---	---	---	6.3	5.0	---	8.1	---	8.7
3	---	---	---	---	---	---	---	4.6	---	7.6	---	7.8
4	---	---	---	---	---	---	---	4.7	---	15	---	16
5	---	---	---	---	---	---	---	4.9	---	9.8	---	6.8
6	---	---	---	---	---	---	14	5.2	---	9.5	---	6.3
7	---	---	---	---	---	---	13	4.1	---	8.3	---	4.6
8	---	---	---	---	---	---	11	3.9	---	7.8	---	4.7
9	---	---	---	---	---	---	9.5	4.0	---	6.9	---	4.3
10	---	---	---	---	---	4.4	10	5.4	---	6.7	---	4.8
11	---	---	---	---	---	3.5	9.3	5.3	---	6.5	---	3.4
12	---	---	---	---	---	---	13	4.8	---	5.5	---	3.7
13	---	---	---	---	---	---	11	5.4	22	5.7	---	2.9
14	---	---	---	---	---	---	10	4.9	14	5.2	---	3.4
15	---	---	---	---	---	---	9.7	4.8	24	4.5	---	2.5
16	---	---	---	---	---	---	14	4.5	16	4.8	4.9	2.9
17	---	---	---	---	---	---	11	4.9	13	4.5	4.2	2.7
18	---	---	---	---	---	---	9.3	5.1	12	---	4.2	2.4
19	---	---	---	---	---	---	8.8	4.6	10	---	4.1	3.5
20	---	---	---	---	---	---	9.2	16	9.5	---	3.6	3.1
21	---	---	---	---	---	---	9.6	8.3	8.6	---	3.4	3.4
22	---	---	---	---	---	20	9.6	7.8	10	---	3.3	3.7
23	---	---	---	---	---	12	8.5	10	14	---	3.2	4.0
24	---	---	---	---	---	---	9.1	7.5	9.2	---	2.8	7.2
25	---	---	---	---	---	---	10	7.8	8.3	---	2.9	16
26	---	---	---	---	---	---	4.9	7.1	7.5	---	2.9	9.2
27	---	---	---	---	---	7.3	4.3	6.4	7.2	---	2.6	6.8
28	---	---	---	---	---	6.8	4.4	7.2	7.4	---	3.0	6.1
29	---	---	---	---	---	7.5	5.5	24	7.2	---	2.7	5.4
30	---	---	---	---	---	16	4.8	11	8.8	20	7.5	5.1
31	---	---	---	---	---	9.7	---	7.6	---	11	4.5	---
MEAN	---	---	---	---	---	---	---	6.8	---	---	---	6.0
MAX	---	---	---	---	---	---	---	24	---	---	---	20
MED	---	---	---	---	---	---	---	5.2	---	---	---	4.7

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30* CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-17 11:05 By bemccall
APPROVED
DD #11, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEDIAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	9.6	7.1	---	10	---	47
2	---	---	---	---	---	---	9.5	6.7	---	14	---	15
3	---	---	---	---	---	---	---	7.4	---	14	---	14
4	---	---	---	---	---	---	---	6.8	---	22	---	46
5	---	---	---	---	---	---	---	7.0	---	13	---	11
6	---	---	---	---	---	---	16	7.4	---	13	---	9.2
7	---	---	---	---	---	---	15	6.1	---	12	---	8.1
8	---	---	---	---	---	---	13	6.2	---	11	---	7.3
9	---	---	---	---	---	---	13	6.9	---	11	---	7.4
10	---	---	---	---	---	6.3	12	14	---	12	---	7.4
11	---	---	---	---	---	5.5	12	7.5	---	9.6	---	5.9
12	---	---	---	---	---	---	18	7.5	---	9.1	---	6.1
13	---	---	---	---	---	---	15	7.6	35	9.5	---	5.3
14	---	---	---	---	---	---	12	6.7	21	8.0	---	4.9
15	---	---	---	---	---	---	35	6.6	40	7.4	---	4.5
16	---	---	---	---	---	---	19	6.6	25	7.5	7.4	4.3
17	---	---	---	---	---	---	15	6.5	17	6.6	7.0	4.3
18	---	---	---	---	---	---	12	6.8	16	---	6.3	4.6
19	---	---	---	---	---	---	11	8.1	14	---	6.2	5.1
20	---	---	---	---	---	---	11	23	13	---	6.1	5.1
21	---	---	---	---	---	---	15	12	12	---	5.8	5.4
22	---	---	---	---	---	27	12	30	19	---	5.3	6.2
23	---	---	---	---	---	19	12	14	20	---	5.6	6.2
24	---	---	---	---	---	---	12	9.7	13	---	5.1	116
25	---	---	---	---	---	---	13	12	11	---	4.4	26
26	---	---	---	---	---	---	9.9	11	10	---	4.8	14
27	---	---	---	---	---	9.2	6.4	9.6	11	---	4.4	9.2
28	---	---	---	---	---	8.5	7.0	9.8	10	---	5.4	8.2
29	---	---	---	---	---	49	7.8	36	9.5	---	5.6	7.4
30	---	---	---	---	---	22	6.8	17	11	46	14	7.2
31	---	---	---	---	---	12	---	11	---	18	8.3	---
MEAN	---	---	---	---	---	---	---	11	---	---	---	14
MAX	---	---	---	---	---	---	---	36	---	---	---	116
MED	---	---	---	---	---	---	---	7.5	---	---	---	7.4

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 12:06 By ceoberst
APPROVED
DD #11, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16	4.0	6.3	14	5.4	7.8	19	14	16	21	<5.0	7.0
2	14	3.8	6.2	17	8.2	11	27	15	18	21	<5.0	8.6
3	16	4.3	7.0	21	11	14	27	18	22	45	<5.0	10
4	22	3.0	6.2	---	---	---	30	18	22	17	<5.0	6.6
5	11	2.8	5.2	---	---	---	26	16	19	16	<5.0	5.7
6	16	4.3	7.5	---	---	---	24	<5.0	18	173	5.0	45
7	12	2.4	4.7	---	---	---	10	<5.0	5.0	40	7.3	13
8	9.5	2.6	4.0	---	---	---	16	<5.0	<5.0	36	5.3	9.2
9	8.9	<2.0	3.3	---	---	---	15	<5.0	<5.0	25	<5.0	7.3
10	11	<2.0	3.5	---	---	---	36	<5.0	11	18	<5.0	6.0
11	7.8	2.2	3.6	---	---	---	26	5.8	9.1	33	<5.0	6.3
12	14	2.0	3.7	---	---	---	16	<5.0	5.4	26	<5.0	6.6
13	16	2.3	3.8	---	---	---	13	<5.0	6.2	33	<5.0	8.0
14	135	2.5	26	---	---	---	16	<5.0	7.5	28	<5.0	5.4
15	23	5.1	8.5	---	---	---	22	<5.0	8.5	36	<5.0	5.8
16	16	3.4	5.9	24	12	16	22	<5.0	8.0	21	<5.0	5.5
17	23	2.8	7.2	24	14	16	391	<5.0	8.4	16	<5.0	<5.0
18	113	3.0	8.9	22	12	16	154	17	31	14	<5.0	<5.0
19	7.6	2.4	4.8	24	14	16	81	8.8	20	>2200	<5.0	9.2
20	9.6	3.0	4.4	24	9.3	15	34	5.9	13	236	70	100
21	11	2.5	5.1	24	14	16	25	<5.0	10	76	46	63
22	14	2.2	5.7	25	12	15	22	<5.0	7.8	124	32	47
23	8.6	3.4	5.6	77	12	16	52	5.8	12	510	40	76
24	8.9	3.6	5.7	52	15	24	47	9.9	18	246	26	38
25	---	---	---	19	11	13	22	5.5	8.4	820	61	92
26	---	---	---	34	12	15	18	<5.0	8.1	105	34	52
27	---	---	---	50	13	23	20	<5.0	6.6	48	22	30
28	---	---	---	22	12	16	18	5.3	8.4	68	14	24
29	---	---	---	23	8.0	14	18	<5.0	7.5	35	10	20
30	---	---	---	24	11	18	15	<5.0	8.1	41	12	18
31	---	---	---	---	---	---	21	<5.0	7.2	27	8.6	14
MAX	135	5.1	26	77	15	24	391	18	31	>2200	70	100
MIN	7.6	<2.0	3.3	14	5.4	7.8	10	<5.0	<5.0	14	<5.0	<5.0

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 12:06 By ceoberst
APPROVED
DD #11, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	40	9.5	13	---	---	---	---	---	---	27	6.9	12
2	39	8.2	15	397	<5.0	68	61	26	38	17	<5.0	8.0
3	40	11	16	67	28	48	34	16	25	252	12	32
4	---	---	---	34	15	20	29	13	17	>2200	61	284
5	---	---	---	27	9.0	12	25	10	14	205	92	130
6	510	6.2	42	21	7.7	11	22	10	14	111	48	65
7	170	46	68	15	6.5	9.1	24	8.2	12	53	24	32
8	62	23	32	12	5.6	8.2	16	7.3	11	32	14	20
9	31	15	19	36	5.8	8.7	22	9.4	12	26	8.5	13
10	26	12	15	14	6.5	8.7	17	8.2	11	20	8.5	14
11	20	7.9	13	13	5.1	7.9	24	7.8	10	24	8.4	12
12	21	8.0	10	65	6.5	23	172	8.7	14	22	6.6	10
13	14	6.8	9.2	26	11	18	52	16	22	106	6.0	12
14	18	6.0	9.2	18	6.4	9.3	20	12	16	53	13	17
15	18	6.2	8.0	13	<5.0	7.2	28	7.9	12	30	12	22
16	15	5.7	7.5	13	<5.0	6.6	16	7.9	11	29	10	14
17	13	5.1	7.4	14	<5.0	6.0	18	6.5	10	102	8.4	13
18	15	<5.0	6.4	14	<5.0	5.8	28	6.8	10	444	19	61
19	11	<5.0	5.4	12	<5.0	5.3	27	6.5	10	45	23	34
20	29	<5.0	11	12	<5.0	5.7	85	6.1	12	33	20	27
21	15	<5.0	7.1	45	8.7	14	31	6.3	11	35	20	29
22	11	<5.0	5.6	14	<5.0	8.3	14	6.1	8.8	43	26	34
23	---	---	---	12	<5.0	6.3	14	5.4	8.7	63	35	48
24	---	---	---	16	<5.0	6.1	18	5.5	8.7	76	39	54
25	---	---	---	12	<5.0	6.6	20	6.7	9.1	70	26	49
26	---	---	---	66	5.8	10	14	5.1	7.8	43	25	33
27	---	---	---	42	8.2	14	13	5.3	8.0	44	29	34
28	---	---	---	15	6.1	8.9	---	---	---	62	36	47
29	---	---	---	15	5.5	7.8	35	14	20	44	13	28
30	---	---	---	---	---	---	21	9.2	12	24	7.3	12
31	---	---	---	---	---	---	---	---	---	15	5.6	8.2
MAX	510	46	68	397	28	68	172	26	38	>2200	92	284
MIN	11	<5.0	5.4	12	<5.0	5.3	13	5.1	7.8	15	<5.0	8.0

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334854 LONGITUDE 0835925 NAD27 DRAINAGE AREA 17.30 CONTRIBUTING DRAINAGE AREA DATUM 860.00 NGVD29
Date Processed: 2003-03-14 12:06 By ceoberst
APPROVED
DD #11, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17	5.1	7.7	---	---	---	15	<5.0	5.8	28	10	15
2	16	<5.0	5.5	28	9.4	14	13	<5.0	6.7	17	10	12
3	20	<5.0	<5.0	286	7.3	12	7.9	<5.0	5.4	16	7.1	9.3
4	>2200	<5.0	<5.0	147	17	25	37	<5.0	5.4	14	5.4	7.4
5	>2200	13	35	29	9.5	13	42	<5.0	7.3	10	<5.0	6.5
6	2080	57	370	27	7.2	10	17	<5.0	5.7	11	<5.0	5.9
7	312	64	90	23	7.3	11	11	<5.0	<5.0	9.5	<5.0	6.3
8	64	33	41	36	5.9	8.6	13	<5.0	5.3	7.9	<5.0	5.6
9	42	22	30	18	5.5	8.3	12	<5.0	<5.0	8.3	<5.0	<5.0
10	33	14	21	26	<5.0	7.6	9.3	<5.0	<5.0	8.5	<5.0	<5.0
11	23	9.1	16	585	6.6	14	20	<5.0	6.5	7.7	<5.0	<5.0
12	304	8.0	13	123	20	31	11	<5.0	5.1	8.0	<5.0	<5.0
13	778	7.3	12	473	13	20	11	<5.0	<5.0	104	<5.0	9.5
14	>2200	24	106	221	20	36	9.5	<5.0	<5.0	291	25	68
15	206	64	113	40	10	16	79	<5.0	<5.0	372	25	81
16	66	26	35	54	10	16	96	6.7	16	62	15	24
17	43	15	22	40	8.9	14	35	<5.0	7.8	41	12	24
18	25	11	15	35	8.6	13	34	8.5	12	---	---	---
19	30	9.3	13	46	11	14	63	6.1	28	---	---	---
20	20	7.8	12	102	<5.0	12	36	<5.0	<5.0	---	---	---
21	16	7.2	10	20	5.0	8.3	29	<5.0	<5.0	277	24	52
22	45	6.9	11	15	5.4	6.7	38	6.7	11	---	---	---
23	22	7.8	12	667	5.5	7.0	10	<5.0	6.7	---	---	---
24	40	8.5	12	602	24	95	7.3	<5.0	<5.0	36	13	17
25	15	6.6	8.9	112	19	30	7.7	<5.0	<5.0	77	18	24
26	14	5.7	8.4	82	16	42	4.5	<5.0	<5.0	972	21	50
27	22	5.0	8.5	82	7.8	16	8.7	<5.0	<5.0	442	46	111
28	374	11	30	25	6.3	12	242	<5.0	132	---	---	---
29	40	9.9	16	29	<5.0	8.0	121	62	83	---	---	---
30	---	---	---	19	5.1	7.5	68	18	36	32	10	16
31	---	---	---	42	<5.0	7.0	23	11	15	---	---	---
MAX	>2200	64	370	667	24	95	242	62	132	972	46	111
MIN	14	<5.0	<5.0	15	<5.0	6.7	4.5	<5.0	<5.0	7.7	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 4.5
MIN MAXIMUM 92 MINIMUM <2.0
MEDIAN MAXIMUM 370 MINIMUM 3.3

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA

LOCATION.—Lat 33º48'54", long 83º59'25" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 30.0 feet upstream of bridge on County Road 368, and 5.5 miles southeast of Snellville.

DRAINAGE AREA.—17.3 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—February 7, 2001 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
OCT										
25...	1325	2.64	7.3	--	7.0	75	7.0	89	23.7	17.6
DEC										
06...	1355	2.76	8.9	--	9.3	94	6.9	73	--	14.7
DEC										
10-11	0700	--	--	--	9.5	--	7.4	62	--	11.1
FEB										
05...	1400	2.87	12	7.2	11.4	99	6.7	67	4.9	8.1
FEB										
06-06	1700	4.30	133	260	11.6	97	6.6	33	5.0	6.2
MAR										
12-12	0500	--	--	--	--	--	6.8	59	--	10.3
MAR										
12-12	1141	3.36	36	91	10.2	92	6.3	57	--	10.3
APR										
16...	1111	3.01	30	7.2	8.7	95	6.5	65	27.0	18.5
JUN										
04...	1208	2.78	6.8	5.9	7.7	90	6.8	73	--	22.8
JUL										
01-01	1150	2.93	11	42	7.2	86	6.6	62	--	23.4
JUL										
12-12	0935	3.04	14	35	7.4	87	6.7	68	--	22.1
JUL										
23-23	2105	3.32	28	400	6.7	78	6.7	73	--	23.2

02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
OCT													
25...	1325	2.64	7.3	5	--	E7.5c	90	7	--	62	--	E.30c	--
DEC													
06...	1355	2.76	8.9	5	6.4	7.5	73	E8c	E2c	E57c	E.063c	E.30c	1.30
DEC													
10-11	0700	--	--	10	17	7.5	71	E20c	E4c	49	E.074c	E.40c	E.98c
FEB													
05...	1345	2.87	12	20	7.0	7.4	71	5	<1	57	.018	.30	1.10
FEB													
06-06	0700	--	--	80	260	6.8	45	344	45	28	.086	1.4	.63
MAR													
12-12	0500	--	--	20	34	6.9	59	31	6	41	.072	.60	1.00
APR													
16...	1110	3.01	30	20	7.9	6.9	66	5	<1	41	.061	.20	.93
JUN													
04...	1200	2.78	6.8	20	6.0	7.1	74	7	<1	58	.044	.20	1.10
JUN 30-													
JUL 01	2345	--	--	120	320	6.6	49	160	24	34	.140	1.5	.94
JUL													
11-12	1730	--	--	70	210	6.7	55	219	31	41	.056	1.1	1.20
JUL													
23-24	1830	--	--	40	320	6.6	49	358	58	37	.122	1.9	.91
AUG													
14...	1245	2.69	3.6	10	3.3	7.3	108	3	<1	68	.034	.30	2.20

Date	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT								
25...	.540	--	E.12c	E.15c	2.1	14	--	--
DEC								
06...	E1.40c	--	E.09c	E.12c	.8	<5	--	--
DEC								
10-11	E.990c	--	E.05c	E.08c	2.3	13	--	--
FEB								
05...	1.10	1.4	.03	.05	.4	7	--	--
FEB								
06-06	.640	2.0	<.02	.24	3.1	11	--	--
MAR								
12-12	1.00	1.6	.02	.07	1.6	6	--	--
APR								
16...	.940	1.1	.04	.06	1.2	7	--	--
JUN								
04...	1.10	1.3	.08	.11	<.1	<5	--	--
JUN 30-								
JUL 01	.920	2.4	.04	.25	5.6	13	89	339
JUL								
11-12	1.20	2.3	.05	.23	1.8	13	73	311
JUL								
23-24	.930	2.8	.05	.29	5.2	14	82	396
AUG								
14...	2.20	2.5	.28	.28	.4	<5	70	7.0

02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MAGNE-SIUM, TOTAL RECOV-ERABLE (MG/L AS MG) (00927)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)
OCT													
25...	1325	2.64	7.3	18	5.6	1.0	.99	<.5	<.5	<1.0	<1.0	<2.0	<2.0
DEC													
06...	1355	2.76	8.9	14	4.4	.85	.83	<.5	<.5	<1.0	<1.0	<2.0	<2.0
DEC													
10-11	0700	--	--	13	3.8	.79	.78	<.5	<.5	<1.0	<1.0	<2.0	<2.0
FEB													
05...	1345	2.87	12	14	4.1	.82	.89	<.5	<.5	<1.0	<1.0	<2.0	<2.0
FEB													
06-06	0700	--	--	9	2.5	.55	1.2	<.5	<.5	<1.0	1.9	<2.0	2.3
MAR													
12-12	0500	--	--	11	3.4	.72	.78	<.5	<.5	<1.0	<1.0	<2.0	<2.0
APR													
16...	1110	3.01	30	14	4.1	.86	.91	<.5	<.5	<1.0	<1.0	<2.0	<2.0
JUN													
04...	1200	2.78	6.8	15	4.7	.88	.89	<.5	<.5	<1.0	<1.0	<2.0	<2.0
JUN 30-													
JUL 01	2345	--	--	10	2.9	.59	.97	<.5	<.5	<1.0	1.6	<2.0	4.0
JUL													
11-12	1730	--	--	11	3.5	.64	1.0	<.5	<.5	<1.0	1.7	<2.0	2.8
JUL													
23-24	1830	--	--	10	3.0	.53	.96	<.5	<.5	<1.0	2.1	<2.0	3.7
AUG													
14...	1245	2.69	3.6	21	6.9	.99	.96	<.5	<.5	<1.0	<1.0	<2.0	<2.0

Date	IRON, DIS-SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)
OCT								
25...	118	462	<2.0	<2.0	115	144	5.4	4.2
DEC								
06...	191	609	<2.0	<2.0	74	102	2.1	2.6
DEC								
10-11	260	919	<2.0	<2.0	36	143	2.2	4.4
FEB								
05...	151	614	<2.0	<2.0	134	148	6.4	126
FEB								
06-06	110	6250	<2.0	11	70	561	5.2	40
MAR								
12-12	137	1080	<2.0	<2.0	75	131	5.4	9.5
APR								
16...	294	844	<2.0	<2.0	107	126	5.0	4.9
JUN								
04...	207	671	<2.0	<2.0	87	101	2.9	3.7
JUN 30-								
JUL 01	100	4600	<2.0	11	80	497	4.4	38
JUL								
11-12	147	4960	<2.0	8.5	12	689	3.4	35
JUL								
23-24	243	5580	<2.0	13	48	723	5.3	51
AUG								
14...	52	349	<2.0	<2.0	120	122	4.2	5.3

Remark codes used in this report:
   > -- Greater than
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   a -- Value was extrapolated above
   c -- Holding times exceeded by the laboratory
   d -- Diluted sample: method hi range exceeded
   k -- Counts outside acceptable range

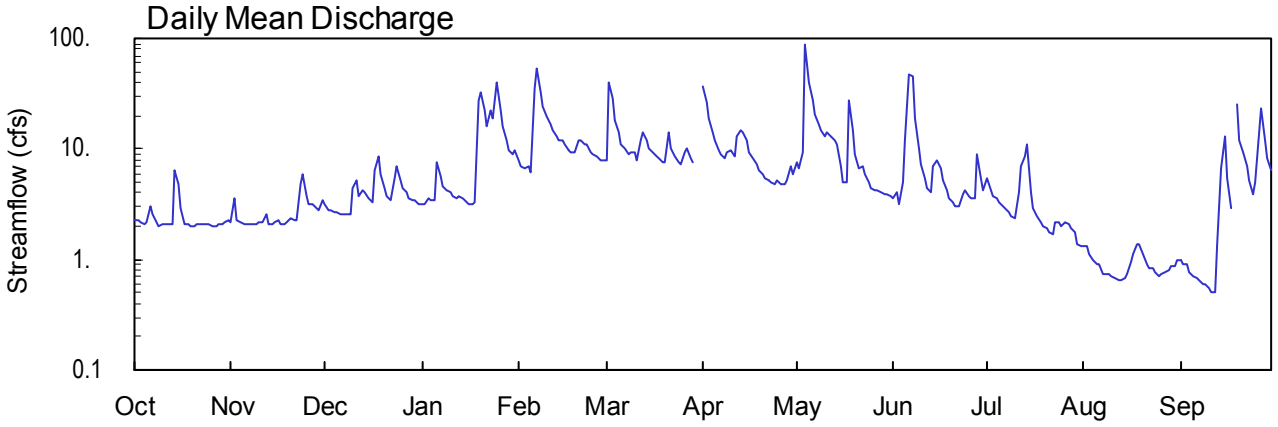
ALTAMAHA RIVER BASIN

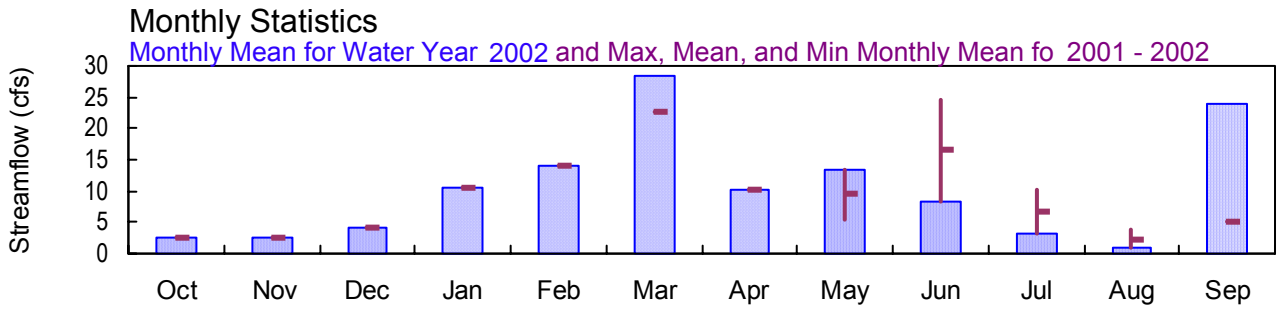
2002 Water Year

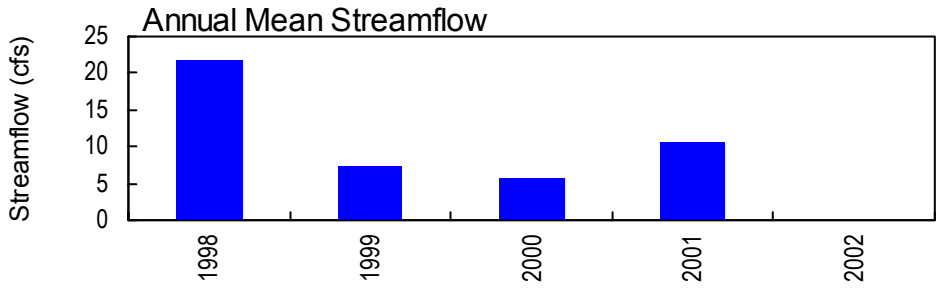
02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE, GA

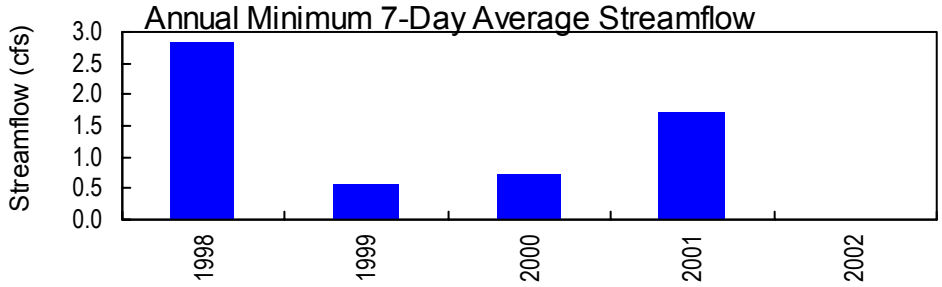
Latitude: 33°49'17" Longitude: 83°56'33" Hydrologic Unit Code: 03070103 Gwinnett County

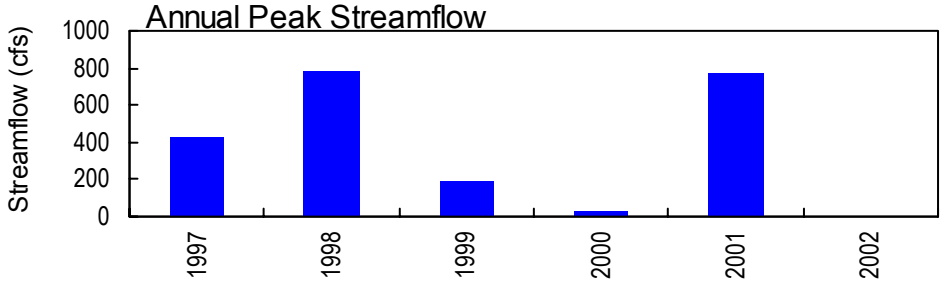
Drainage Area: 8.15 mi^2 Datum: 880.00 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA

LOCATION.—Lat 33°49'16", long 83°56'32" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 0307103, at concrete box culvert on Beaver Road, 2.6 miles southwest of Loganville, and 3.4 miles upstream of Big Haynes Creek.

DRAINAGE AREA.—8.15 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1, 2001 to current year.

GAGE.—Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 880.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for the periods of estimated discharge above 200 ft^3/s, which is fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1, 2001 to current year.

GAGE.—Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 880.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 7.39 feet, September 18; minimum gage-height, 0.99 feet, September 12, 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 1, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15* DATUM 880.00 NGVD29
Date Processed: 2003-03-12 08:39 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	2.2	3.1	3.1	8.0	7.8	37	7.5	3.6	5.4	1.3	1.0
2	2.3	3.6	2.8	3.2	7.0	40	e26	6.8	4.1	4.3	1.3	0.92
3	2.2	2.3	2.8	3.6	6.7	29	e19	9.2	3.1	3.8	1.1	0.89
4	2.1	2.2	2.7	3.4	7.1	18	14	90	5.0	3.6	1.0	0.78
5	2.2	2.1	2.7	3.4	6.2	14	12	e40	12	3.3	0.92	0.72
6	3.0	2.1	2.6	7.7	36	11	9.8	e27	48	3.0	0.89	0.67
7	2.6	2.1	2.6	5.7	53	10	8.9	e21	45	2.9	0.74	0.64
8	2.2	2.1	e2.6	4.6	33	9.1	8.2	e17	19	2.7	0.74	0.61
9	2.0	2.1	2.6	4.2	24	9.5	9.2	e15	10	2.5	0.73	0.59
10	2.1	2.2	4.5	4.0	20	9.3	9.6	e13	7.4	2.4	0.70	0.55
11	2.1	2.2	5.3	3.7	17	7.9	8.7	e14	5.5	4.1	0.68	0.51
12	2.1	2.6	3.8	3.6	15	12	13	e13	4.4	7.1	0.65	0.50
13	2.1	2.1	4.2	3.7	13	14	15	e12	4.1	8.7	0.65	1.3
14	e6.4	2.1	4.1	3.6	12	12	14	e11	7.1	11	0.69	6.8
15	e4.7	2.2	3.6	3.5	12	10	e12	e7.0	8.0	4.0	0.75	13
16	e2.9	2.3	3.3	3.2	11	9.2	e9.4	5.1	6.8	2.9	0.94	5.5
17	2.1	2.1	6.5	3.2	9.8	8.7	8.1	5.0	5.2	2.5	1.1	2.9
18	2.1	2.1	e8.5	3.3	9.3	8.1	7.3	27	4.3	2.2	1.4	---
19	2.0	2.2	e5.9	28	9.3	7.5	6.5	e15	3.6	2.0	1.4	25
20	2.0	2.4	4.5	32	12	7.6	6.0	e8.9	3.3	1.9	1.1	12
21	2.1	2.3	3.8	22	12	14	5.5	6.7	3.0	1.8	0.91	9.4
22	2.1	2.3	3.5	16	11	10	5.3	7.0	3.0	1.7	0.85	7.0
23	2.1	4.8	5.5	22	11	8.5	5.0	5.9	3.9	2.2	0.83	5.3
24	2.1	6.0	6.9	19	9.5	7.6	4.8	5.0	4.2	2.2	0.77	3.9
25	2.1	3.8	5.2	40	8.9	7.4	5.3	4.5	3.8	2.0	0.71	5.0
26	2.0	3.2	4.5	22	8.6	9.3	4.7	4.3	3.6	2.2	0.73	14
27	2.0	3.1	4.0	16	8.0	10	4.8	4.2	3.6	2.1	0.76	23
28	2.1	2.9	3.6	12	7.8	e8.4	5.2	4.1	8.8	1.9	0.81	12
29	2.1	2.8	3.5	9.8	---	7.7	7.0	3.9	5.5	1.8	0.87	8.3
30	2.2	3.5	3.4	8.8	---	---	5.9	3.9	4.2	1.4	0.88	6.3
31	2.3	---	3.2	9.6	---	---	---	3.8	---	1.3	1.0	---
TOTAL	74.7	80.0	125.8	327.9	398.2	---	307.2	417.8	253.1	100.9	27.90	---
MEAN	2.41	2.67	4.06	10.6	14.2	---	10.2	13.5	8.44	3.25	0.90	---
MAX	6.4	6.0	8.5	40	53	---	37	90	48	11	1.4	---
MIN	2.0	2.1	2.6	3.1	6.2	---	4.7	3.8	3.0	1.3	0.65	---
CFSM	0.30	0.33	0.50	1.30	1.74	---	1.26	1.65	1.04	0.40	0.11	---
IN.	0.34	0.37	0.57	1.50	1.82	---	1.40	1.91	1.16	0.46	0.13	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	2.41	2.67	4.06	10.6	14.2	22.8	10.2	9.47	16.5	6.78	2.30	5.00
MAX	2.41	2.67	4.06	10.6	14.2	22.8	10.2	13.5	24.6	10.3	3.71	5.00
(WY)	2002	2002	2002	2002	2002	2001	2002	2002	2001	2001	2001	2001
MIN	2.41	2.67	4.06	10.6	14.2	22.8	10.2	5.47	8.44	3.25	0.90	5.00
(WY)	2002	2002	2002	2002	2002	2001	2001	2001	2002	2002	2002	2001

SUMMARY STATISTICS WATER YEARS 2001 - 2002

HIGHEST DAILY MEAN	141	Mar 15 2001
LOWEST DAILY MEAN	0.50	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	0.58	Sep 6 2002
MAXIMUM PEAK FLOW	772	Mar 15 2001
MAXIMUM PEAK STAGE	7.39	Sep 18 2002

e Estimated

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15* DATUM 880.00 NGVD29
Date Processed: 2003-03-12 08:39 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.23	1.25	1.32	1.32	1.56	1.41	2.19	1.54	1.36	1.46	1.21	1.15
2	1.23	1.33	1.30	1.33	1.52	2.09	---	1.52	1.38	1.40	1.20	1.13
3	1.22	1.26	1.30	1.36	1.51	2.03	---	1.59	1.32	1.37	1.17	1.13
4	1.22	1.25	1.29	1.35	1.52	1.81	1.72	2.91	1.40	1.36	1.15	1.10
5	1.22	1.24	1.29	1.35	1.49	1.71	1.66	---	1.66	1.34	1.13	1.09
6	1.29	1.24	1.28	1.53	2.05	1.65	1.61	---	2.25	1.32	1.13	1.07
7	1.26	1.24	1.28	1.47	2.35	1.62	1.59	---	2.33	1.31	1.09	1.06
8	1.23	1.24	---	1.42	1.97	1.59	1.56	---	1.84	1.29	1.09	1.05
9	1.21	1.24	1.28	1.40	1.80	1.60	1.60	---	1.63	1.27	1.09	1.05
10	1.22	1.25	1.39	1.38	1.72	1.60	1.61	---	1.54	1.27	1.08	1.04
11	1.23	1.25	1.45	1.36	1.65	1.55	1.58	---	1.46	1.36	1.07	1.02
12	1.22	1.28	1.37	1.36	1.60	1.67	1.69	---	1.40	1.52	1.07	1.02
13	1.23	1.23	1.39	1.37	1.56	1.72	1.73	---	1.39	1.51	1.07	1.12
14	---	1.24	1.39	1.36	1.53	1.66	1.71	---	1.52	1.67	1.08	1.58
15	---	1.25	1.36	1.35	1.52	1.62	---	---	1.56	1.45	1.10	1.75
16	---	1.25	1.34	1.33	1.51	1.59	---	1.44	1.51	1.38	1.14	1.52
17	1.24	1.24	1.44	1.33	1.47	1.58	1.56	1.43	1.45	1.34	1.16	1.38
18	1.24	1.24	---	1.33	1.46	1.56	1.53	1.97	1.40	1.31	1.22	3.36
19	1.22	1.25	---	1.88	1.46	1.54	1.50	---	1.36	1.29	1.22	2.03
20	1.22	1.26	1.41	2.10	1.52	1.54	1.48	---	1.34	1.28	1.17	1.74
21	1.23	1.25	1.37	1.91	1.52	1.72	1.46	1.51	1.32	1.27	1.13	1.67
22	1.23	1.26	1.35	1.77	1.50	1.63	1.45	1.52	1.32	1.26	1.12	1.59
23	1.24	1.37	1.44	1.90	1.50	1.57	1.43	1.48	1.38	1.31	1.11	1.52
24	1.23	1.47	1.51	1.83	1.46	1.54	1.42	1.43	1.39	1.32	1.10	1.44
25	1.24	1.37	1.44	2.24	1.45	1.54	1.45	1.41	1.37	1.30	1.08	1.49
26	1.23	1.33	1.41	1.90	1.44	1.59	1.42	1.40	1.36	1.31	1.09	1.76
27	1.22	1.32	1.38	1.75	1.42	1.62	1.43	1.39	1.36	1.30	1.10	1.98
28	1.23	1.31	1.36	1.67	1.41	---	1.44	1.39	1.55	1.29	1.11	1.75
29	1.24	1.30	1.35	1.61	---	1.55	1.52	1.38	1.46	1.26	1.12	1.64
30	1.25	1.35	1.34	1.58	---	2.26	1.48	1.38	1.39	1.22	1.13	1.56
31	1.26	---	1.33	1.60	---	3.12	---	1.37	---	1.21	1.15	---
MEAN	---	1.28	---	1.56	1.59	---	---	---	1.50	1.34	1.13	1.46
MAX	---	1.47	---	2.24	2.35	---	---	---	2.33	1.67	1.22	3.36
MIN	---	1.23	---	1.32	1.41	---	---	---	1.32	1.21	1.07	1.02

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15* DATUM 880.00 NGVD29
Date Processed: 2003-03-12 08:39 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0.00	0.00	0.00	0.19	0.00
3	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.47	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.10	0.00	0.00	0.00	1.88	0.86	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00
6	0.20	0.00	0.00	0.51	1.91	0.00	0.00	0.00	1.95	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.39	0.22	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
12	0.00	0.00	0.00	0.16	0.00	0.61	0.55	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.26	0.32	1.32	0.00	1.20
14	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.80
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.09
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	3.15
19	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.32	0.36	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.27	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.36
22	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.01
23	0.00	0.96	0.51	0.00	0.00	0.00	0.00	0.00	0.10	0.16	0.00	0.00
24	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.70
26	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.19	0.62
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.35
28	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.62	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.24	0.00	0.00	---	2.73	0.18	0.00	0.37	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.11	---	0.00	---	0.00	0.00	---
TOTAL	0.63	1.20	1.86	4.36	2.36	6.77	1.56	3.62	4.95	1.74	0.58	8.28

02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA

LOCATION.—Lat 33°49'16", long 83°56'32" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 0307103, at concrete box culvert on Beaver Road, 2.6 miles southwest of Loganville, and 3.4 miles upstream of Big Haynes Creek.

DRAINAGE AREA.—8.15 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.—March 1, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: March 1, 2001 to current year.
WATER TEMPERATURE: March 1, 2001 to current year.
TURBIDITY: March 1, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records fair, except for turbidity records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 66 microsiemens, November 24, 2002; minimum recorded, 14 microsiemens, April 6, 2001.
WATER TEMPERATURE: Maximum recorded, 27.7°C, July 27, 2001; minimum recorded, 1.6°C, January 4, 2002.
TURBIDITY: Maximum recorded, >2,200 NTU, January 19, February 6, 2002; minimum recorded, <5.0 NTU, on many days in 2002 water year.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 66 microsiemens, November 24; minimum, 18 microsiemens, March 31.
WATER TEMPERATURE: Maximum, 26.3°C, July 1; minimum, 1.6°C, January 4.
TURBIDITY: Maximum, >2,200 NTU, January 9, February 6; minimum, <5.0 NTU, on many days during summer months.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 65 microsiemens, May 19; minimum, 14 microsiemens, April 6.
WATER TEMPERATURE: Maximum, 27.7°C, July 27; minimum, 6.7°C, March 10.
TURBIDITY: Maximum, >1,100 NTU, on several days; minimum, 7.7°C, August 25, September 14.

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 11:51 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	47	45	46	50	49	49	55	52	54	53	50	52
2	47	45	46	55	49	51	55	51	53	54	51	53
3	48	45	46	53	52	52	52	50	51	55	50	52
4	48	47	47	54	53	53	52	50	51	55	49	51
5	49	47	48	54	53	53	52	49	51	53	48	50
6	52	48	50	54	53	53	51	48	49	53	47	50
7	50	49	50	54	52	53	49	48	49	54	49	52
8	50	49	49	53	52	52	49	48	49	54	49	52
9	49	49	49	53	52	52	50	49	49	54	47	50
10	50	49	49	53	51	52	51	48	49	55	49	52
11	51	49	50	52	51	52	51	49	50	55	47	52
12	51	50	50	57	51	53	49	49	49	53	46	51
13	51	50	50	54	51	51	54	49	50	54	45	47
14	55	51	53	54	51	52	54	49	50	52	46	49
15	54	51	52	51	50	51	54	49	51	50	48	49
16	51	50	51	51	49	50	52	48	49	53	48	50
17	51	49	50	52	50	50	54	41	48	52	48	50
18	50	48	49	53	49	51	55	48	50	51	46	50
19	50	48	49	50	49	50	58	47	52	53	19	41
20	50	48	49	52	50	51	52	47	50	43	27	37
21	49	48	49	50	49	50	53	48	50	41	39	40
22	50	49	49	51	48	50	51	47	49	42	39	41
23	52	49	50	64	49	53	49	45	47	41	35	40
24	53	51	52	66	54	60	54	46	51	47	38	42
25	53	52	53	54	52	53	61	49	55	47	35	39
26	53	52	52	54	52	53	59	53	56	38	32	36
27	52	50	51	53	52	53	57	52	54	39	37	38
28	51	50	50	53	51	53	60	49	55	40	38	39
29	50	49	50	56	53	54	60	50	55	41	39	40
30	50	49	49	57	53	55	55	50	52	42	40	41
31	49	49	49	---	---	---	55	50	52	43	41	42
MONTH	55	45	50	66	48	52	61	41	51	55	19	46

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 11:51 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	47	43	44	45	43	44	40	33	37	49	44	46
2	50	46	47	43	31	38	40	38	39	47	44	46
3	49	46	47	38	36	36	40	39	40	52	44	47
4	50	46	48	36	28	30	41	40	40	51	25	36
5	49	47	48	30	22	27	41	40	41	38	34	36
6	47	28	42	25	23	23	42	40	41	38	38	38
7	42	31	39	27	24	25	41	41	41	41	38	39
8	43	42	42	31	27	29	42	41	42	43	41	42
9	42	41	42	33	31	32	43	41	42	44	43	43
10	42	41	41	35	33	34	43	42	42	47	44	45
11	42	41	42	36	35	36	44	43	43	47	44	45
12	43	42	42	37	36	36	43	40	42	47	45	45
13	42	40	41	39	36	37	42	41	41	52	42	46
14	42	41	42	38	37	37	43	40	42	44	43	43
15	43	42	42	39	37	38	43	42	42	49	42	44
16	44	42	42	40	38	39	46	43	43	44	43	44
17	44	42	43	40	39	39	46	44	45	48	43	45
18	44	43	44	43	39	41	49	45	46	45	30	39
19	44	43	43	41	39	40	48	45	46	48	43	44
20	44	42	43	41	40	41	49	46	48	46	42	43
21	43	42	42	43	39	41	49	47	48	44	42	43
22	43	41	42	40	39	40	50	48	49	44	42	43
23	43	41	42	40	39	40	53	46	50	44	41	43
24	43	42	42	41	39	40	48	46	47	44	43	44
25	44	42	43	42	39	41	49	45	47	45	43	45
26	44	42	43	47	41	43	47	45	46	46	44	44
27	44	43	43	45	42	44	46	45	45	47	44	46
28	44	43	43	44	42	43	53	42	45	47	45	46
29	---	---	---	44	42	43	45	42	45	49	45	47
30	---	---	---	44	19	40	49	44	45	47	46	46
31	---	---	---	38	18	30	---	---	---	48	46	47
MONTH	50	28	43	47	18	37	53	33	44	52	25	44

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 11:51 By ceoberst
APPROVED
DD #6, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	53	46	48	58	48	49	54	53	53	51	50	51
2	52	45	48	51	49	50	55	52	53	51	50	51
3	52	49	50	54	51	52	55	53	54	52	50	51
4	51	43	50	52	51	52	55	53	54	52	50	51
5	47	42	45	52	51	52	55	54	54	53	52	53
6	46	19	39	53	51	52	55	53	54	55	52	54
7	40	19	36	53	51	51	55	53	54	56	54	55
8	43	39	41	52	51	51	55	53	54	55	53	53
9	46	42	45	52	50	51	54	52	53	54	53	53
10	47	45	46	52	50	51	53	52	53	57	52	54
11	47	46	47	51	45	50	54	52	53	56	54	55
12	51	47	49	45	43	44	54	52	53	58	54	56
13	51	46	50	48	31	45	53	52	53	64	50	55
14	50	44	48	44	38	41	53	52	52	62	49	55
15	49	46	47	48	44	46	56	52	53	52	39	49
16	48	46	48	50	48	49	56	52	53	53	49	50
17	50	47	49	50	49	49	53	49	51	54	52	53
18	51	48	50	51	50	50	51	47	49	54	24	38
19	52	50	51	51	50	50	53	48	50	47	45	46
20	56	51	54	51	50	51	52	49	51	50	47	49
21	54	52	53	51	50	51	54	51	52	53	50	52
22	52	51	52	51	49	51	54	52	53	56	53	55
23	52	49	50	51	45	50	54	52	53	58	56	57
24	51	49	49	50	46	49	55	53	53	58	57	58
25	51	49	50	51	50	51	57	53	54	59	52	57
26	53	51	51	52	51	51	56	53	55	55	43	52
27	51	49	51	51	50	50	55	53	54	51	49	50
28	52	32	47	53	51	52	55	53	54	52	50	51
29	50	45	48	54	53	53	53	51	52	54	52	53
30	51	48	50	55	53	54	52	51	51	56	54	55
31	---	---	---	54	53	53	53	51	51	---	---	---
MONTH	56	19	48	58	31	50	57	47	53	64	24	52
YEAR	66	18	47									

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 11:19 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.7	14.1	15.9	14.8	11.0	13.0	14.9	11.5	13.1	6.4	3.2	4.7
2	18.1	13.9	16.1	15.2	12.6	13.8	14.5	10.8	12.5	5.1	4.0	4.7
3	18.4	14.2	16.3	17.4	13.7	15.4	13.7	10.5	11.9	4.7	2.8	3.7
4	18.6	14.5	16.6	16.4	13.4	14.8	13.2	8.9	10.9	5.2	1.6	3.2
5	18.0	15.2	16.7	15.0	10.9	13.0	13.8	9.1	11.4	6.1	1.8	3.9
6	18.3	15.3	17.5	13.4	9.8	11.7	15.3	11.7	13.3	5.9	5.1	5.5
7	16.5	13.7	15.1	13.2	8.3	10.9	15.2	11.2	13.1	5.8	4.5	5.4
8	15.4	12.6	14.0	13.8	9.2	11.5	15.6	12.0	13.7	6.0	3.1	4.4
9	15.2	12.2	13.8	14.3	10.2	12.2	14.8	12.8	13.7	7.6	3.2	5.3
10	16.9	13.1	15.0	14.1	9.8	11.9	13.8	10.7	12.0	9.7	5.2	7.5
11	18.1	15.9	17.0	13.9	9.6	11.6	11.9	10.5	11.1	11.5	8.2	9.8
12	19.1	17.2	18.1	13.5	10.4	11.8	12.3	11.4	11.8	8.2	6.5	7.5
13	19.9	18.2	19.0	12.5	9.4	10.9	13.7	12.3	12.9	8.7	5.4	6.9
14	20.0	17.3	19.1	13.2	9.4	11.1	16.2	13.1	14.6	8.1	5.6	6.7
15	17.9	14.8	16.4	13.7	9.6	11.5	13.7	10.3	12.0	8.8	5.7	7.1
16	16.0	13.1	14.6	13.3	8.6	10.9	12.9	10.5	11.7	8.5	4.9	6.7
17	13.9	11.1	12.5	13.8	9.0	11.4	14.6	12.0	13.0	9.3	4.6	6.9
18	13.8	10.3	12.0	13.8	10.0	11.8	13.6	11.1	12.6	10.4	7.6	8.9
19	14.7	10.7	12.7	13.6	9.3	11.5	12.2	9.0	10.7	9.4	7.6	8.5
20	15.9	12.0	14.1	13.5	9.8	11.9	11.1	8.2	9.5	8.6	6.3	7.5
21	16.8	12.9	14.9	11.4	8.3	9.7	9.9	6.3	8.0	9.9	7.4	8.5
22	17.6	14.2	15.9	12.0	7.5	9.7	9.7	5.9	7.6	9.7	6.5	8.2
23	18.4	15.1	16.7	12.5	10.4	11.4	10.0	7.4	8.7	10.0	8.7	9.2
24	18.0	15.0	16.6	15.1	12.5	13.7	9.7	6.7	8.0	12.7	9.9	11.3
25	17.9	14.5	16.8	16.6	13.9	15.4	8.0	5.1	6.5	13.0	11.1	11.9
26	14.8	12.0	13.5	15.6	12.1	13.9	6.3	4.3	5.3	12.2	9.4	10.8
27	12.0	9.7	10.8	17.3	14.4	15.6	6.4	3.1	4.7	11.9	8.5	10.1
28	11.1	7.5	9.4	16.8	13.9	15.3	8.4	4.6	6.3	13.4	9.4	11.2
29	11.5	7.3	9.4	17.3	14.4	15.7	9.7	6.5	7.8	14.9	10.3	12.5
30	12.5	7.9	10.3	16.9	13.8	15.9	7.3	5.1	6.1	15.8	11.9	13.7
31	12.8	8.8	11.0	---	---	---	6.1	4.8	5.5	16.2	13.3	14.6
MONTH	20.0	7.3	14.8	17.4	7.5	12.6	16.2	3.1	10.3	16.2	1.6	8.0

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 11:19 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.7	12.7	14.8	9.8	3.7	6.7	19.4	15.0	17.0	19.7	16.5	18.0
2	12.8	9.6	11.3	8.2	6.9	7.6	19.9	14.9	17.3	22.9	18.3	20.4
3	10.5	9.0	9.7	8.9	6.8	8.3	20.9	16.2	18.2	21.4	19.7	20.4
4	10.6	7.5	8.9	7.9	5.0	6.3	18.5	14.6	16.5	19.7	17.0	18.0
5	8.2	6.2	7.3	9.6	4.6	6.9	18.5	13.2	15.6	19.8	17.2	18.2
6	7.7	5.8	6.6	11.5	5.8	8.5	17.6	12.2	14.7	21.3	17.2	19.1
7	7.2	6.1	6.7	13.1	7.1	9.9	17.6	12.1	14.6	23.3	18.8	20.8
8	9.6	5.4	7.2	14.2	8.7	11.4	18.1	14.1	15.9	23.9	19.8	21.8
9	10.5	6.1	8.2	15.1	12.2	13.5	16.8	15.7	16.2	24.0	19.9	21.9
10	13.1	9.7	11.1	13.5	9.2	11.4	18.7	15.8	17.0	23.4	19.9	21.6
11	11.6	9.0	10.2	13.4	8.0	10.7	17.4	16.2	16.7	21.6	20.2	20.9
12	11.1	7.1	9.1	11.7	10.5	11.0	17.1	16.1	16.6	22.0	19.3	20.5
13	11.4	8.3	9.6	14.2	11.1	12.3	17.7	16.4	16.9	22.3	19.0	20.8
14	11.5	7.3	9.3	16.9	10.8	13.7	20.6	16.7	18.3	20.3	16.2	18.2
15	12.2	7.6	9.9	17.6	11.9	14.7	21.5	17.0	19.1	21.7	15.3	18.0
16	13.0	9.1	10.8	18.2	14.9	16.4	22.5	17.3	19.7	21.3	15.9	18.6
17	12.0	8.4	9.9	19.8	15.5	17.5	23.1	18.2	20.6	22.0	17.8	19.9
18	11.5	6.5	8.9	19.1	15.8	17.4	23.9	18.8	21.2	21.3	19.1	20.4
19	11.8	6.4	9.1	17.6	15.6	16.5	24.0	18.6	21.2	20.6	17.3	18.8
20	12.1	9.8	10.7	19.0	15.2	16.8	24.0	19.5	21.6	19.6	16.3	17.7
21	13.8	8.8	11.2	19.1	15.4	16.9	23.8	19.3	21.4	18.1	14.9	16.6
22	12.3	9.0	10.6	15.4	10.8	12.9	21.3	17.7	19.7	18.4	14.7	16.4
23	12.3	7.9	10	15.2	9.0	11.9	20.3	15.1	17.8	19.6	14.2	16.8
24	12.9	7.3	10	16.3	9.4	12.7	20.7	16.1	18.4	20.4	14.8	17.6
25	13.6	7.7	10.6	18.0	11.7	14.8	20.8	17.4	18.8	21.3	16.1	18.7
26	13.7	9.1	11.1	16.8	14.9	15.7	17.4	14.6	15.9	21.4	17.7	19.6
27	9.1	5.6	7.1	17.2	12.1	14.5	17.5	15.0	16.2	22.7	18.7	20.6
28	9.0	3.9	6.1	17.1	11.0	13.8	21.0	16.9	18.7	22.5	18.7	20.6
29	---	---	---	18.3	11.9	15.0	21.5	18.2	19.6	22.4	18.5	20.5
30	---	---	---	17.6	15.4	16.4	18.4	16.1	16.8	22.3	19.1	20.7
31	---	---	---	18.1	15.7	16.7	---	---	---	23.7	19.7	21.7
MONTH	15.7	3.9	9.5	19.8	3.7	12.9	24.0	12.1	17.9	24.0	14.2	19.5

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 11:19 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.5	20.2	22.3	26.3	22.9	24.4	25.2	22.0	23.6	22.5	20.1	21.2
2	26.0	20.6	22.9	25.6	22.4	24.0	25.2	22.3	23.7	23.0	20.6	21.6
3	25.2	21.0	23.1	25.2	22.2	23.6	24.8	21.7	23.0	23.4	19.7	21.5
4	25.4	21.8	23.5	25.3	21.9	23.6	24.6	20.6	22.5	24.0	20.2	22.0
5	25.8	22.6	24.1	25.8	22.3	24.1	24.7	20.9	22.7	24.5	20.8	22.6
6	25.3	22.7	23.8	26.1	22.8	24.4	25.3	21.7	23.4	24.6	21.2	22.7
7	25.9	23.6	24.6	25.4	22.8	24.1	24.3	21.2	22.7	23.5	20.0	21.6
8	25.5	23.4	24.4	25.1	22.7	23.7	23.4	19.2	21.2	23.0	19.2	20.9
9	24.6	21.3	22.9	25.1	21.3	23.2	23.0	19.1	20.9	23.0	18.6	20.6
10	24.4	20.1	22.1	25.6	22.5	24.0	23.1	19.0	20.8	23.0	17.6	20.2
11	24.3	19.7	21.9	24.5	22.6	23.6	22.9	18.6	20.7	23.3	18.1	20.7
12	24.3	19.7	22.0	24.0	22.1	22.7	23.5	18.7	21.0	23.1	19.8	21.2
13	24.3	19.8	22.1	24.3	21.7	22.5	23.3	19.6	21.3	22.0	19.8	20.9
14	23.4	21.6	22.6	25.4	22.9	23.9	24.2	20.6	22.1	22.8	21.9	22.2
15	24.1	20.1	21.9	25.7	22.5	24.0	24.5	21.3	22.6	22.6	21.5	22.1
16	24.2	20.2	22.1	26.0	22.5	24.2	24.8	22.0	23.1	23.7	21.4	22.4
17	24.0	20.6	22.2	25.9	23.0	24.4	24.9	22.0	23.3	23.3	21.8	22.5
18	23.9	19.9	21.9	26.1	23.0	24.5	25.2	22.0	23.5	23.7	21.8	22.9
19	23.0	20.5	21.7	25.8	22.6	24.3	25.2	21.9	23.4	23.8	23.1	23.4
20	23.7	20.5	22.0	25.8	22.8	24.3	24.7	21.5	23.1	24.1	23.1	23.5
21	22.6	19.9	21.3	25.6	22.8	24.1	25.6	22.2	23.6	24.2	22.9	23.4
22	21.9	19.8	20.9	25.2	22.1	23.6	24.4	22.1	23.2	23.3	22.3	22.9
23	23.0	21.1	21.9	25.4	22.6	23.8	25.6	21.8	23.6	23.2	22.0	22.4
24	23.9	20.9	22.3	24.6	22.3	23.4	26.0	22.5	23.9	22.0	21.1	21.5
25	24.0	21.8	22.9	24.0	22.6	23.2	25.7	22.8	23.9	21.1	19.1	19.9
26	23.1	21.9	22.5	24.7	22.8	23.6	24.3	22.1	23.0	20.6	19.1	19.6
27	24.6	21.4	22.8	25.2	22.6	23.9	23.3	21.3	22.1	21.7	20.6	21.3
28	24.5	21.9	22.9	25.8	22.6	24.2	22.6	21.4	21.9	22.1	20.5	21.4
29	24.7	22.0	23.2	26.0	23.0	24.5	22.5	20.9	21.5	21.8	21.1	21.5
30	25.6	22.0	23.7	26.1	23.1	24.5	21.8	21.1	21.4	21.9	20.8	21.3
31	---	---	---	25.7	22.7	23.7	21.4	20.7	21.0	---	---	---
MONTH	26.0	19.7	22.6	26.3	21.3	23.9	26.0	18.6	22.5	24.6	17.6	21.7
YEAR	26.3	1.6	16.4									

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15* DATUM 880.00 NGVD29
Date Processed: 2003-03-17 11:05 By bemccall
APPROVED
DD #11, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	63	39	---	>1100	39	49	625
2	---	---	---	---	---	53	36	---	295	56	46	59
3	---	---	---	---	---	731	>1100	---	>1100	61	39	65
4	---	---	---	---	---	835	71	---	>1100	689	39	214
5	---	---	---	---	---	154	66	---	>1100	566	33	43
6	---	---	---	---	---	114	43	63	842	47	35	65
7	---	---	---	---	---	94	37	32	417	39	44	34
8	---	---	---	---	---	79	28	54	220	46	28	31
9	---	---	---	---	---	60	29	30	207	48	31	27
10	---	---	---	---	---	54	38	46	338	44	104	24
11	---	---	---	---	---	50	42	25	>1100	38	45	21
12	---	---	---	---	---	>1100	31	47	854	37	35	28
13	---	---	---	---	---	297	26	41	182	28	32	34
14	---	---	---	---	---	144	138	33	>1100	33	30	23
15	---	---	---	---	---	858	183	24	657	63	42	28
16	---	---	---	---	---	225	49	19	572	26	44	30
17	---	---	---	---	---	149	49	33	105	24	33	16
18	---	---	---	---	---	101	41	20	103	48	27	28
19	---	---	---	---	---	86	29	>1100	63	24	29	20
20	---	---	---	---	---	502	23	156	73	43	30	36
21	---	---	---	---	---	110	46	94	56	50	24	23
22	---	---	---	---	---	221	28	>1100	613	25	27	30
23	---	---	---	---	---	76	34	107	79	537	27	52
24	---	---	---	---	---	45	42	151	82	85	33	697
25	---	---	---	---	---	38	41	81	---	>1100	26	62
26	---	---	---	---	---	45	31	51	---	195	20	44
27	---	---	---	---	---	33	29	43	---	---	42	33
28	---	---	---	---	---	35	28	904	40	74	30	47
29	---	---	---	---	---	293	34	>1100	60	>1100	52	108
30	---	---	---	---	---	196	31	108	54	79	83	32
31	---	---	---	---	---	160	---	72	---	46	29	---
MAX	---	---	---	---	---	>1100	>1100	---	---	---	104	697
MIN	---	---	---	---	---	33	23	---	---	---	20	16
MED	---	---	---	---	---	110	38	---	---	---	33	34

> Actual value is known to be greater than the value shown

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15* DATUM 880.00 NGVD29
Date Processed: 2003-03-17 11:05 By bemccall
APPROVED
DD #11, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	39	24	---	58	24	22	14
2	---	---	---	---	---	33	21	---	102	19	22	24
3	---	---	---	---	---	44	27	---	71	21	19	22
4	---	---	---	---	---	130	45	---	155	24	18	29
5	---	---	---	---	---	99	30	---	125	22	15	19
6	---	---	---	---	---	79	29	15	102	22	18	21
7	---	---	---	---	---	66	21	13	144	23	16	14
8	---	---	---	---	---	53	22	12	104	22	16	13
9	---	---	---	---	---	41	21	15	89	23	17	12
10	---	---	---	---	---	35	20	15	72	19	18	11
11	---	---	---	---	---	28	18	13	58	19	13	9.7
12	---	---	---	---	---	30	16	13	54	18	15	9.0
13	---	---	---	---	---	97	18	13	55	15	15	9.6
14	---	---	---	---	---	77	16	13	47	17	13	7.7
15	---	---	---	---	---	77	21	13	133	14	13	8.8
16	---	---	---	---	---	104	22	12	94	13	12	8.6
17	---	---	---	---	---	77	18	13	62	11	12	8.6
18	---	---	---	---	---	58	17	12	56	11	15	9.0
19	---	---	---	---	---	53	16	13	39	11	13	9.4
20	---	---	---	---	---	53	16	68	35	13	12	11
21	---	---	---	---	---	62	17	51	30	14	11	10
22	---	---	---	---	---	49	17	47	33	14	9.8	12
23	---	---	---	---	---	40	17	74	37	14	10	17
24	---	---	---	---	---	29	19	60	37	22	9.9	21
25	---	---	---	---	---	27	19	46	---	40	7.7	27
26	---	---	---	---	---	23	17	33	---	94	8.5	20
27	---	---	---	---	---	22	17	23	---	---	9.3	18
28	---	---	---	---	---	19	17	24	24	50	9.2	12
29	---	---	---	---	---	20	16	80	22	44	9.3	16
30	---	---	---	---	---	34	15	54	21	36	11	13
31	---	---	---	---	---	33	---	41	---	24	11	---
MAX	---	---	---	---	---	130	45	---	---	---	22	29
MIN	---	---	---	---	---	19	15	---	---	---	7.7	7.7
MED	---	---	---	---	---	44	18	---	---	---	13	12

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15* DATUM 880.00 NGVD29
Date Processed: 2003-03-17 11:05 By bemccall
APPROVED
DD #11, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEDIAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	46	29	---	208	31	30	71
2	---	---	---	---	---	40	28	---	159	29	29	34
3	---	---	---	---	---	66	76	---	104	27	27	27
4	---	---	---	---	---	166	57	---	199	31	27	41
5	---	---	---	---	---	126	40	---	193	32	23	30
6	---	---	---	---	---	92	33	18	153	28	24	26
7	---	---	---	---	---	77	28	17	186	30	24	22
8	---	---	---	---	---	61	24	19	144	27	22	19
9	---	---	---	---	---	51	23	17	111	30	22	17
10	---	---	---	---	---	41	22	20	101	25	22	15
11	---	---	---	---	---	37	21	16	98	24	23	14
12	---	---	---	---	---	110	19	18	74	24	20	13
13	---	---	---	---	---	130	20	18	82	21	21	13
14	---	---	---	---	---	93	22	18	67	22	21	12
15	---	---	---	---	---	266	42	16	167	22	20	12
16	---	---	---	---	---	137	25	16	131	17	18	12
17	---	---	---	---	---	89	23	16	79	16	17	11
18	---	---	---	---	---	76	20	16	66	15	19	11
19	---	---	---	---	---	63	19	18	47	15	18	12
20	---	---	---	---	---	180	19	81	44	16	18	13
21	---	---	---	---	---	88	21	62	41	20	15	13
22	---	---	---	---	---	58	20	120	50	18	14	17
23	---	---	---	---	---	49	22	82	46	27	13	23
24	---	---	---	---	---	36	25	74	48	32	13	59
25	---	---	---	---	---	30	24	55	---	473	12	38
26	---	---	---	---	---	28	21	40	---	119	12	27
27	---	---	---	---	---	26	20	28	---	---	16	24
28	---	---	---	---	---	21	21	50	30	64	12	19
29	---	---	---	---	---	68	21	101	28	71	12	23
30	---	---	---	---	---	48	21	76	30	45	23	18
31	---	---	---	---	---	64	---	50	---	34	16	---
MAX	---	---	---	---	---	266	76	---	---	---	30	71
MIN	---	---	---	---	---	21	19	---	---	---	12	11
MED	---	---	---	---	---	64	22	---	---	---	20	18

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 12:04 By ceoberst
APPROVED
DD #11, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23	12	16	37	7.9	16	17	8.4	10	30	12	18
2	25	12	16	790	12	27	17	7.4	9.6	32	13	15
3	24	12	16	51	9.9	25	19	6.6	9.6	28	12	14
4	23	11	15	42	10	21	14	6.8	9.6	25	11	14
5	31	9.7	14	40	8.5	18	26	6.9	9.8	28	12	16
6	36	14	18	---	---	---	14	8.1	10	204	17	35
7	20	10	14	---	---	---	24	9.5	12	35	18	23
8	18	9.2	12	---	---	---	22	8.4	12	31	15	19
9	21	7.8	13	---	---	---	22	9.5	13	41	13	17
10	20	9.2	13	---	---	---	62	11	28	31	12	16
11	24	7.8	11	---	---	---	40	14	19	28	11	15
12	19	6.2	8.9	---	---	---	24	12	15	38	11	17
13	18	6.7	9.7	---	---	---	105	13	17	31	11	15
14	33	9.3	18	---	---	---	27	11	15	25	11	15
15	19	6.3	9.5	---	---	---	23	11	14	25	11	14
16	18	5.8	7.3	---	---	---	26	11	14	29	9.7	14
17	17	5.5	7.4	15	6.1	8.2	622	12	16	30	10	14
18	24	6.8	13	18	6.7	10	118	31	38	29	10	14
19	27	5.0	8.2	16	6.0	9.6	40	22	30	>2200	12	22
20	32	9.4	13	24	7.7	10	42	20	26	505	105	163
21	---	---	---	22	7.0	10	38	17	24	115	73	85
22	---	---	---	26	8.2	12	40	16	21	196	52	66
23	---	---	---	142	9.3	16	85	16	29	898	67	88
24	31	5.5	8.3	82	12	18	52	20	28	386	50	62
25	26	<5.0	7.1	23	10	14	53	17	22	447	82	121
26	23	5.2	7.2	32	7.3	19	28	15	20	100	55	72
27	26	<5.0	7.2	16	7.8	9.7	29	14	17	99	50	62
28	34	5.6	8.7	14	6.9	8.2	29	13	17	87	37	61
29	24	6.7	9.8	14	7.0	8.7	40	13	17	104	43	66
30	32	8.0	11	24	7.9	11	33	13	19	208	25	56
31	28	7.5	14	---	---	---	36	12	18	238	25	45
MAX	36	14	18	790	12	27	622	31	38	>2200	105	163
MIN	17	<5.0	7.1	14	6.0	8.2	14	6.6	9.6	25	9.7	14

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 12:04 By ceoberst
APPROVED
DD #11, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	54	23	30	70	6.6	10	105	62	76	37	18	24
2	36	20	25	1250	11	116	77	44	51	30	12	18
3	47	18	24	98	39	54	54	36	43	333	17	32
4	---	---	---	50	28	34	52	31	38	1160	35	111
5	---	---	---	35	22	27	62	26	32	97	56	72
6	>2200	17	66	32	16	21	42	15	21	64	34	44
7	1590	62	80	23	14	17	27	11	18	40	28	33
8	79	44	54	23	11	14	32	15	18	39	25	28
9	52	30	39	129	10	16	34	15	21	39	20	25
10	49	28	34	28	11	16	24	14	18	32	16	21
11	42	22	26	20	8.7	13	35	14	18	29	15	20
12	35	16	22	103	9.9	30	169	15	25	31	15	19
13	27	14	18	70	17	24	52	22	27	103	16	23
14	34	12	19	29	13	16	80	16	26	50	17	24
15	23	10	16	24	11	14	31	15	22	94	15	22
16	27	12	16	24	9.0	12	515	16	23	33	16	20
17	24	11	16	27	9.0	12	36	16	21	57	16	21
18	26	9.9	14	33	10	14	27	17	21	1210	38	66
19	22	9.6	14	39	9.9	16	41	17	23	50	27	34
20	66	10	20	69	11	25	---	---	---	38	20	28
21	24	13	16	93	19	36	---	---	---	44	20	24
22	27	11	16	75	13	21	---	---	---	37	23	28
23	29	8.7	14	---	---	---	43	17	21	54	22	28
24	20	9.5	12	---	---	---	35	13	24	54	20	27
25	21	8.7	12	---	---	---	37	12	18	47	18	26
26	18	9.3	12	332	10	18	29	11	16	27	16	20
27	22	7.5	11	38	12	19	30	12	15	24	13	18
28	18	7.0	9.2	37	10	15	229	13	19	31	16	20
29	---	---	---	22	9.9	13	364	15	22	39	15	25
30	---	---	---	2060	11	68	34	15	19	39	13	25
31	---	---	---	2060	100	135	---	---	---	35	12	22
MAX	>2200	62	80	2060	100	135	515	62	76	1210	56	111
MIN	18	7.0	9.2	20	6.6	10	24	11	15	24	12	18

> Actual value is known to be greater than the value shown

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334917 LONGITUDE 0835633 NAD27 DRAINAGE AREA 8.15 CONTRIBUTING DRAINAGE AREA 8.15 DATUM 880.00 NGVD29
Date Processed: 2003-03-14 12:04 By ceoberst
APPROVED
DD #11, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30	11	20	109	12	22	13	5.2	7.5	13	<5.0	<5.0
2	145	13	24	26	8.2	12	17	5.5	8.3	12	<5.0	<5.0
3	52	12	30	18	8.3	10	16	<5.0	6.0	9.0	<5.0	<5.0
4	774	10	41	22	7.1	9.7	13	<5.0	6.0	7.1	<5.0	<5.0
5	592	32	57	14	6.8	8.8	17	<5.0	7.0	6.5	<5.0	<5.0
6	2150	50	77	20	5.6	8.6	18	<5.0	5.9	6.8	<5.0	<5.0
7	798	60	82	20	6.3	8.9	14	<5.0	<5.0	4.8	<5.0	<5.0
8	67	38	48	15	5.9	7.9	14	<5.0	<5.0	10	<5.0	<5.0
9	44	30	37	14	5.3	7.3	14	<5.0	<5.0	8.5	<5.0	<5.0
10	---	---	---	19	5.2	7.6	16	<5.0	<5.0	13	<5.0	<5.0
11	---	---	---	118	5.5	9.3	15	<5.0	<5.0	13	<5.0	<5.0
12	22	11	17	61	14	24	12	<5.0	<5.0	8.2	<5.0	<5.0
13	98	12	14	1540	9.5	14	10	<5.0	<5.0	252	<5.0	<5.0
14	109	16	22	252	22	44	16	<5.0	<5.0	151	20	38
15	21	16	18	42	12	18	14	<5.0	<5.0	527	16	39
16	27	9.1	19	23	11	15	18	<5.0	5.5	29	9.6	15
17	24	8.0	13	28	8.4	14	14	<5.0	<5.0	17	5.7	7.7
18	17	7.9	9.8	23	9.3	12	20	<5.0	6.9	1230	6.4	132
19	17	7.5	10	27	12	16	11	<5.0	5.6	92	49	67
20	20	7.3	10	---	---	---	14	<5.0	<5.0	54	29	38
21	21	6.9	9.8	---	---	---	13	<5.0	<5.0	63	24	32
22	19	7.6	11	---	---	---	14	<5.0	<5.0	29	16	20
23	21	8.5	12	267	<5.0	6.8	11	<5.0	<5.0	24	10	16
24	24	9.5	12	20	5.2	7.9	9.5	<5.0	<5.0	19	10	12
25	15	7.7	9.9	17	<5.0	6.8	10	<5.0	<5.0	149	10	19
26	20	7.3	10	16	5.6	8.5	10	<5.0	<5.0	1120	18	29
27	39	7.6	11	13	<5.0	7.5	11	<5.0	<5.0	184	28	50
28	1740	11	29	16	<5.0	7.7	9.7	<5.0	<5.0	32	18	26
29	41	14	19	18	5.5	8.7	12	<5.0	<5.0	25	12	18
30	102	9.2	13	15	5.5	7.3	14	<5.0	<5.0	20	12	14
31	---	---	---	11	<5.0	7.1	11	<5.0	<5.0	---	---	---
MAX	2150	60	82	1540	22	44	20	5.5	8.3	1230	49	132
MIN	15	6.9	9.8	11	<5.0	6.8	9.5	<5.0	<5.0	4.8	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 4.8
MIN MAXIMUM 105 MINIMUM <5.0
MEDIAN MAXIMUM 163 MINIMUM <5.0

< Actual value is known to be less than the value shown

ALTAMAHA RIVER BASIN
2002 Water Year

02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA

LOCATION.—Lat 33°49'16", long 83°56'32" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 0307103, at concrete box culvert on Beaver Road, 2.6 miles southwest of Loganville, and 3.4 miles upstream of Big Haynes Creek.

DRAINAGE AREA.—8.15 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—March 1, 2001 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
OCT										
25...	1200	1.21	2.1	--	7.0	74	7.2	52	17.6	16.5
DEC										
06...	1020	1.26	2.4	10	9.1	87	6.4	50	--	13.4
FEB										
05...	1115	1.48	5.9	32	11.8	99	6.3	46	5.1	6.8
05...	1130	1.48	5.9	27	--	--	6.5	46	7.1	7.1
FEB										
06-07	0600	--	--	180	12.1	101	6.5	35	5.0	5.9
FEB										
06-06	1730	2.50	58	290	12.1	101	6.4	33	5.0	5.9
APR										
16...	0950	1.60	10	22	8.3	89	6.3	45	26.0	17.8
JUN										
04...	1306	1.37	3.8	21	7.6	91	6.6	49	34.0	24.1
JUL										
01-01	1345	1.48	5.9	19	7.2	89	6.8	47	--	25.3
JUL										
15-15	1147	1.46	4.1	17	7.8	--	6.7	46	--	23.6
SEP										
27-27	1305	2.04	26	46	7.4	86	5.8	45	--	21.5

02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
OCT													
25...	1200	1.21	2.1	<5	8.0	6.6	54	3	--	45	--	E.70c	--
DEC													
06...	1020	1.26	2.4	20	11	7.4	48	11	2	44	.050	.20	.21
FEB													
05...	1130	1.48	5.9	60	27	7.2	50	17	2	42	.056	.40	.31
FEB													
06-07	0600	--	--	80	180	6.5	39	245	30	33	.052	1.0	.36
APR													
16...	0940	1.60	10	50	19	6.8	46	15	5	32	.047	.30	.21
JUN													
04...	1315	1.37	3.8	50	17	7.1	50	14	3	42	.060	.30	.20
JUN													
28-29	0130	--	--	280	480	6.6	38	255	36	30	.036	2.0	.22
JUL													
13-14	2140	--	--	70	220	6.7	37	198	28	32	.028	1.2	.14
AUG													
14...	1430	1.10	.73	20	6.7	7.1	49	6	<1	32	.018	.30	.26
SEP													
25-27	0600	--	--	100	200	6.8	45	197	28	34	.071	.90	.16

Date	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT								
25...	.020	--	<.02c	E.02c	2.7	17	--	--
DEC								
06...	.210	.41	.02	.04	.8	<5	--	--
FEB								
05...	.320	.72	<.02	.03	1.4	9	--	--
FEB								
06-07	.370	1.4	<.02	.13	2.5	<5	--	--
APR								
16...	.220	.52	<.02	.03	1.6	10	--	--
JUN								
04...	.210	.51	<.02	.05	.6	9	--	--
JUN								
28-29	.230	2.2	<.02	.25	--	19	32	1470
JUL								
13-14	.150	1.3	<.02	.16	3.8	20	74	331
AUG								
14...	.250	.55	<.02	.02	.6	<5	72	7.0
SEP								
25-27	.170	1.1	.03	.14	2.9	19	92	210

02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MAGNE-SIUM, TOTAL RECOV-ERABLE (MG/L AS MG) (00927)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)
OCT													
25...	1200	1.21	2.1	11	3.1	.74	.73	<.5	<.5	<1.0	<1.0	<2.0	<2.0
DEC													
06...	1020	1.26	2.4	10	2.8	.69	.66	<.5	<.5	<1.0	<1.0	<2.0	<2.0
FEB													
05...	1130	1.48	5.9	9	2.7	.64	.71	<.5	<.5	<1.0	<1.0	<2.0	<2.0
FEB													
06-07	0600	--	--	7	2.1	.51	.91	<.5	<.5	<1.0	1.2	<2.0	3.0
APR													
16...	0940	1.60	10	10	3.0	.72	.76	<.5	<.5	<1.0	<1.0	<2.0	<2.0
JUN													
04...	1315	1.37	3.8	13	3.7	.82	.83	<.5	<.5	<1.0	<1.0	<2.0	<2.0
JUN													
28-29	0130	--	--	8	2.3	.48	1.4	<.5	<.5	<1.0	2.5	<2.0	7.7
JUL													
13-14	2140	--	--	7	2.0	.45	.91	<.5	<.5	<1.0	1.2	<2.0	3.1
AUG													
14...	1430	1.10	.73	11	3.3	.71	.70	<.5	<.5	<1.0	<1.0	<2.0	<2.0
SEP													
25-27	0600	--	--	9	2.7	.61	1.1	<.5	<.5	<1.0	1.4	2.4	3.3

Date	IRON, DIS-SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)
OCT								
25...	230	1270	<2.0	<2.0	110	116	<2.0	<2.0
DEC								
06...	315	1630	<2.0	<2.0	115	175	<2.0	<2.0
FEB								
05...	332	1400	<2.0	<2.0	224	253	2.9	4.6
FEB								
06-07	228	4170	<2.0	5.6	121	310	4.2	18
APR								
16...	467	1840	<2.0	<2.0	111	158	2.6	5.1
JUN								
04...	438	2080	<2.0	<2.0	196	230	<2.0	2.9
JUN								
28-29	234	9270	<2.0	13	25	1040	<2.0	35
JUL								
13-14	181	6060	<2.0	7.0	36	607	2.5	18
AUG								
14...	93	755	<2.0	<2.0	144	197	2.7	2.4
SEP								
25-27	487	4880	<2.0	4.5	68	326	9.5	26

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

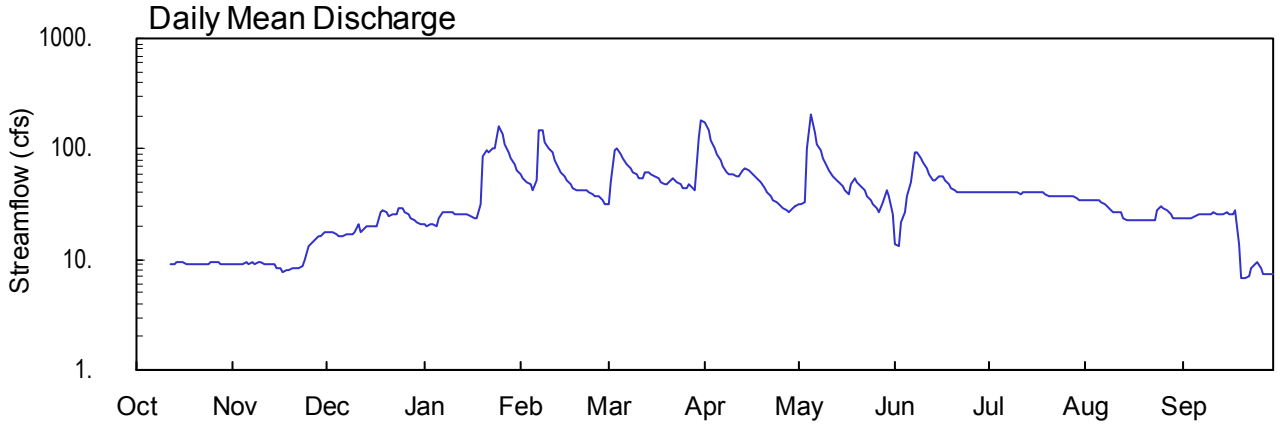
ALTAMAHA RIVER BASIN

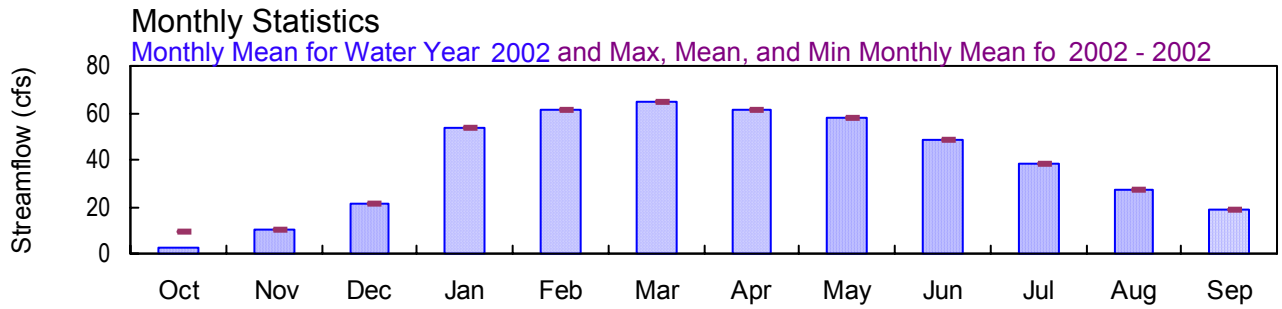
2002 Water Year

02207418 BIG HAYNES CREEK AT JACK TURNER DAM,NR MILSTEAD. GA

Latitude: 33°43'10" Longitude: 83°56'05" Hydrologic Unit Code: 03070103 Rockdale County

Drainage Area: 46.3 mi^2 Datum: 670.00 feet





ALTAMAHA RIVER BASIN
2002 Water Year

02207418 BIG HAYNES CREEK AT JACK TURNER DAM, NEAR MILSTEAD, GA

LOCATION.—Lat 33°43'10", long 83°56'05" referenced to North American Datum (NAD) of 1983, Rockdale County, Hydrologic Unit 03070103, on right bank of west channel, 100.00 feet downstream of Jack Turner dam, 1.7 miles north of GA 138, 3.5 miles east of GA 20, 4.9 miles west of Walnut Grove, on Rockdale County gated gravel maintenance road.

DRAINAGE AREA.—46.3 mi^2.

COOPERATION.—Rockdale County Department of Water Resources.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 12, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage 670.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except those for periods of estimated daily discharge, which are fair. Flow is regulated by Jack Turner Dam.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 12, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage 670.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good. Flow is regulated by Jack Turner Dam.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 3.58 feet, May 5; minimum gage-height recorded, 1.91 feet, September 19.

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 12, 2001 to September 30, 2002. .

GAGE.—Tipping-bucket rain gage.

REMARKS.—Records good.

STATION NUMBER 02207418 BIG HAYNES CREEK AT JACK TURNER DAM,NR MILSTEAD GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334310 LONGITUDE 0835605 NAD83 DRAINAGE AREA 46.3 CONTRIBUTING DRAINAGE AREA 46.3* DATUM 670.00 NGVD29
Date Processed: 2003-03-11 15:00 By acday
APPROVED
DD #17, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	9.2	18	21	60	31	e172	32	14	41	35	24
2	---	9.2	18	20	54	49	e145	32	13	41	35	24
3	---	9.2	18	21	50	96	120	33	22	40	35	24
4	---	9.2	17	21	48	102	100	102	27	40	35	24
5	---	9.3	16	20	42	89	88	203	e37	40	34	25
6	---	9.2	16	24	53	82	78	144	51	40	33	26
7	---	9.3	17	27	149	74	69	112	95	40	32	26
8	---	9.2	17	27	146	67	62	96	93	40	30	26
9	---	9.3	17	27	117	62	60	82	82	40	28	26
10	---	9.3	18	27	103	60	58	71	76	40	27	26
11	---	9.2	21	26	92	55	56	63	67	39	27	27
12	9.0	9.2	18	26	78	55	56	56	58	40	27	26
13	9.1	9.2	19	26	68	61	65	52	52	40	24	26
14	9.3	9.0	20	26	61	61	66	50	53	40	23	26
15	9.3	8.4	20	26	57	59	64	46	57	40	23	27
16	9.5	8.4	20	25	e52	56	61	42	56	40	23	26
17	9.2	7.8	20	24	e48	54	57	39	52	40	23	26
18	9.2	7.9	27	24	44	51	52	47	48	41	23	28
19	9.2	8.0	28	32	42	48	49	54	45	39	23	14
20	9.2	8.3	27	85	42	47	45	50	42	38	23	6.7
21	9.1	8.2	25	99	43	52	41	46	41	37	23	6.9
22	9.1	8.4	26	95	42	54	38	42	41	37	23	7.2
23	9.1	8.7	26	103	40	50	35	38	41	37	23	8.2
24	9.1	10	29	102	39	47	33	35	41	37	28	9.2
25	9.3	13	29	159	38	45	32	32	41	37	30	9.5
26	9.5	14	27	138	37	44	29	29	41	37	29	8.3
27	9.5	15	26	110	35	47	28	27	41	37	28	7.4
28	9.2	16	24	94	32	45	27	33	41	37	26	7.5
29	9.2	16	23	82	---	43	29	43	41	36	24	7.5
30	9.2	18	22	73	---	e125	30	38	41	35	24	7.4
31	9.2	---	21	65	---	e183	---	26	---	35	24	---
TOTAL	---	305.1	670	1675	1712	1994	1845	1795	1450	1201	845	562.8
MEAN	---	10.2	21.6	54.0	61.1	64.3	61.5	57.9	48.3	38.7	27.3	18.8
MAX	---	18	29	159	149	183	172	203	95	41	35	28
MIN	---	7.8	16	20	32	31	27	26	13	35	23	6.7

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	---	10.2	21.6	54.0	61.1	64.3	61.5	57.9	48.3	38.7	27.3	18.8
MAX	---	10.2	21.6	54.0	61.1	64.3	61.5	57.9	48.3	38.7	27.3	18.8
(WY)	---	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	---	10.2	21.6	54.0	61.1	64.3	61.5	57.9	48.3	38.7	27.3	18.8
(WY)	---	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002

e Estimated

STATION NUMBER 02207418 BIG HAYNES CREEK AT JACK TURNER DAM,NR MILSTEAD GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334310 LONGITUDE 0835605 NAD83 DRAINAGE AREA 46.3 CONTRIBUTING DRAINAGE AREA 46.3* DATUM 670.00 NGVD29
Date Processed: 2003-03-11 08:37 By acday
APPROVED
DD #1, DCP

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	2.00	2.13	2.16	2.53	2.27	---	2.27	2.08	2.35	2.29	2.16
2	---	2.00	2.13	2.15	2.48	2.43	---	2.28	2.06	2.35	2.29	2.16
3	---	2.00	2.12	2.16	2.45	2.79	2.95	2.29	2.16	2.34	2.29	2.16
4	---	2.00	2.11	2.16	2.43	2.84	2.82	2.79	2.22	2.34	2.29	2.16
5	---	2.00	2.10	2.15	2.38	2.75	2.75	3.43	---	2.34	2.28	2.18
6	---	2.00	2.10	2.19	2.47	2.70	2.67	3.10	2.46	2.34	2.27	2.19
7	---	2.00	2.11	2.23	3.13	2.64	2.61	2.90	2.79	2.34	2.25	2.19
8	---	2.00	2.11	2.23	3.11	2.59	2.55	2.80	2.78	2.34	2.23	2.19
9	---	2.00	2.11	2.23	2.93	2.55	2.53	2.70	2.69	2.34	2.21	2.18
10	---	2.00	2.12	2.23	2.84	2.54	2.52	2.62	2.64	2.34	2.20	2.19
11	---	2.00	2.16	2.22	2.77	2.49	2.50	2.56	2.58	2.33	2.20	2.20
12	2.00	2.00	2.12	2.22	2.67	2.49	2.50	2.50	2.50	2.34	2.20	2.19
13	2.00	2.00	2.14	2.22	2.60	2.54	2.57	2.47	2.45	2.34	2.16	2.19
14	2.00	2.00	2.15	2.22	2.54	2.54	2.58	2.45	2.45	2.34	2.15	2.19
15	2.00	1.99	2.15	2.21	2.51	2.52	2.57	2.42	2.50	2.34	2.15	2.20
16	2.01	1.99	2.15	2.20	---	2.50	2.54	2.38	2.48	2.34	2.15	2.19
17	2.00	1.98	2.15	2.19	---	2.48	2.51	2.35	2.45	2.34	2.15	2.19
18	2.00	1.98	2.22	2.19	2.40	2.46	2.47	2.42	2.41	2.34	2.15	2.21
19	2.00	1.98	2.24	2.27	2.38	2.43	2.44	2.48	2.38	2.33	2.15	2.02
20	2.00	1.98	2.22	2.72	2.38	2.42	2.40	2.45	2.36	2.32	2.15	1.93
21	2.00	1.98	2.21	2.82	2.39	2.47	2.37	2.41	2.35	2.31	2.15	1.93
22	2.00	1.99	2.21	2.79	2.38	2.48	2.34	2.38	2.35	2.31	2.15	1.94
23	2.00	1.99	2.21	2.84	2.36	2.45	2.31	2.34	2.35	2.31	2.15	1.95
24	2.00	2.02	2.25	2.84	2.35	2.42	2.29	2.31	2.35	2.31	2.21	1.97
25	2.00	2.06	2.25	3.19	2.34	2.40	2.28	2.28	2.35	2.31	2.23	1.97
26	2.01	2.07	2.23	3.06	2.33	2.40	2.25	2.25	2.35	2.31	2.22	1.95
27	2.01	2.09	2.21	2.89	2.31	2.42	2.24	2.23	2.35	2.31	2.21	1.94
28	2.00	2.10	2.19	2.78	2.28	2.41	2.23	2.29	2.35	2.31	2.18	1.94
29	2.00	2.10	2.18	2.70	---	2.39	2.25	2.38	2.35	2.30	2.16	1.94
30	2.00	2.12	2.17	2.63	---	---	2.26	2.34	2.35	2.29	2.16	1.94
31	2.00	---	2.16	2.57	---	---	---	2.20	---	2.29	2.16	---
MEAN	---	2.01	2.16	2.44	---	---	---	2.49	---	2.33	2.20	2.09
MAX	---	2.12	2.25	3.19	---	---	---	3.43	---	2.35	2.29	2.21
MIN	---	1.98	2.10	2.15	---	---	---	2.20	---	2.29	2.15	1.93

STATION NUMBER 02207418 BIG HAYNES CREEK AT JACK TURNER DAM,NR MILSTEAD GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334310 LONGITUDE 0835605 NAD83 DRAINAGE AREA 46.3 CONTRIBUTING DRAINAGE AREA 46.3* DATUM 670.00 NGVD29
Date Processed: 2003-03-11 08:37 By acday
APPROVED
DD #2, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.03	0.00	0.00	0.04	0.00	0.00	0.01	0.00
2	---	0.00	0.00	0.00	0.00	1.88	0.00	0.00	0.00	0.01	0.00	0.00
3	---	0.00	0.00	0.00	0.04	0.25	0.00	0.44	0.00	0.00	0.00	0.00
4	---	0.00	0.00	0.10	0.00	0.00	0.00	1.79	---	0.06	0.00	0.00
5	---	0.00	0.00	0.01	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
6	---	0.00	0.00	0.51	2.32	0.00	0.00	0.00	1.84	0.00	0.00	0.00
7	---	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	0.00	0.00	0.00	0.00	0.05	0.26	0.36	0.00	0.00	0.00	0.00
10	---	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
11	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
12	0.00	0.00	0.01	0.19	0.00	0.42	0.53	0.00	0.00	0.17	0.00	0.00
13	0.00	0.00	0.18	0.01	0.00	0.08	0.10	0.34	0.22	2.36	0.00	1.01
14	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.88	0.00	0.05	0.63
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01	1.11
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.72	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.02	0.45
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.03	1.36
19	0.00	0.00	0.00	1.93	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.28	0.34	0.00	0.00	0.00	0.00	0.00	0.05
21	0.00	0.00	0.00	0.27	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.22
22	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.01	0.20	0.01	0.00	0.00
23	0.00	1.03	0.51	0.04	0.00	0.00	0.00	0.02	0.51	0.69	0.00	0.00
24	0.00	0.06	0.00	1.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
25	0.01	0.05	0.00	0.11	0.00	0.00	0.23	0.00	0.01	0.00	0.00	0.56
26	0.00	0.01	0.00	0.00	0.00	0.22	0.00	0.13	0.04	0.07	0.00	0.71
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.34	0.00	0.24
28	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.21	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.26	0.00	0.00	---	---	0.18	0.00	0.00	0.00	0.01	0.00
31	0.00	---	0.00	0.00	---	---	---	0.00	---	0.30	0.02	---
TOTAL	---	1.41	1.95	4.83	2.82	---	1.34	3.64	---	4.07	1.15	6.34

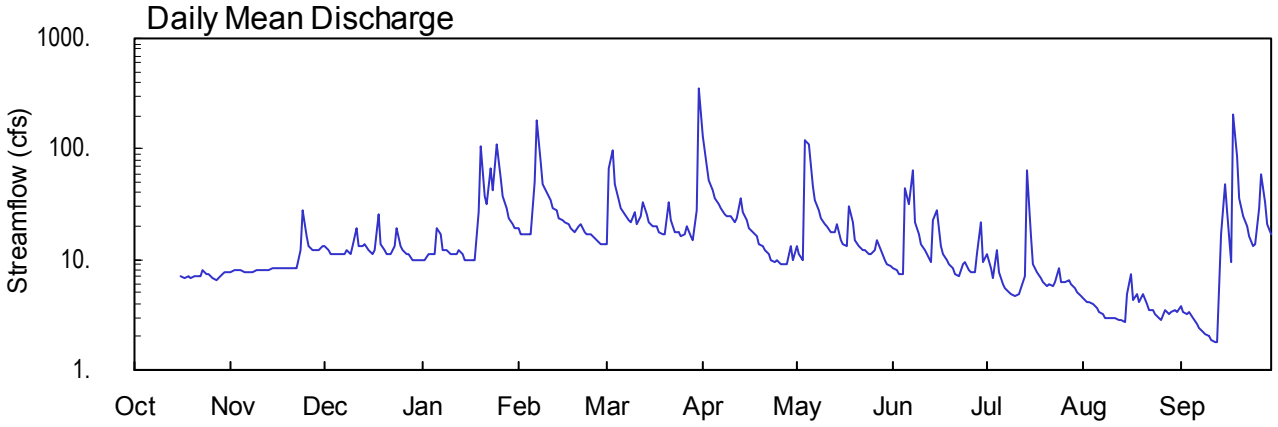
ALTAMAHA RIVER BASIN

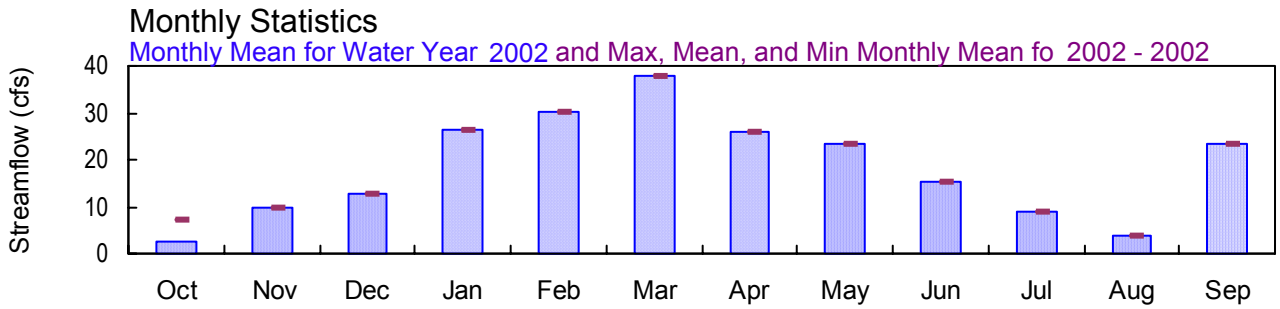
2002 Water Year

02207435 LITTLE HAYNES CRK AT DIAL MILL RD, NR MILSTEAD, GA

Latitude: 33°42'40" Longitude: 83°54'52" Hydrologic Unit Code: 03070103 Rockdale County

Drainage Area: 25.1 mi^2 Datum: 650.00 feet





ALTAMAHA RIVER BASIN
2002 Water Year

02207435 LITTLE HAYNES CREEK AT DIAL MILL ROAD, NEAR MILSTEAD, GA

LOCATION.—Lat 33°42'40", long 83°54'52" referenced to North American Datum (NAD) of 1983, Rockdale County, Hydrologic Unit 03070103, on right bank on downstream side of bridge on Dial Mill Road, 0.1 miles north west of Hightower Trail Road., 0.7 miles south of GA 138, 0.6 miles west of Mount Zion Road, and 0.6 miles east of confluence with Big Haynes Creek.

DRAINAGE AREA.—25.1 mi^2.

COOPERATION.—Rockdale County Department of Water Resources.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 16, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage 650.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except those for periods of estimated daily discharge, which are fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 16, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with water-stage recorder. Datum of gage 650.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.56 feet, March 31; minimum gage-height recorded, 3.50 feet, September 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 15, 2001 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207435 LITTLE HAYNES CRK AT DIAL MILL RD, NR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334240 LONGITUDE 0835452 NAD83 DRAINAGE AREA 25.1 CONTRIBUTING DRAINAGE AREA 25.1* DATUM 650.00 NGVD29
Date Processed: 2003-03-11 15:01 By acday
APPROVED
DD #4, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	7.8	13	9.8	19	14	129	13	8.5	11	4.5	3.8
2	---	8.0	12	9.9	17	66	70	11	8.0	8.4	4.2	3.4
3	---	8.1	11	11	17	98	53	10	7.5	6.9	4.1	3.2
4	---	8.0	11	11	17	47	42	120	7.5	12	3.9	3.4
5	---	7.7	11	11	17	34	36	112	44	7.6	3.6	2.9
6	---	7.7	11	19	51	29	32	46	31	6.0	3.4	2.6
7	---	7.7	11	17	181	26	29	35	65	5.5	3.2	2.4
8	---	7.8	12	12	75	23	26	28	22	5.1	3.0	2.2
9	---	7.9	11	12	48	22	25	24	17	4.8	3.0	2.1
10	---	8.0	13	11	40	27	25	21	14	4.7	3.0	2.0
11	---	7.9	19	11	34	21	22	20	12	4.9	2.9	1.9
12	---	8.1	13	11	29	25	24	18	11	5.6	2.8	1.8
13	---	8.0	13	12	28	33	36	18	9.4	7.0	2.8	1.8
14	---	8.2	14	11	24	26	27	21	23	64	2.7	17
15	---	8.3	12	10	e23	22	23	15	28	16	4.8	47
16	7.0	8.3	11	9.8	e22	20	19	14	13	9.2	7.4	27
17	6.8	8.2	12	9.7	e21	20	18	13	11	7.6	4.3	9.4
18	7.1	8.2	26	9.7	e19	18	16	30	10	6.8	4.8	204
19	6.9	8.3	14	27	18	17	14	22	8.9	6.2	4.2	85
20	7.2	8.4	12	104	20	17	13	15	8.2	5.7	4.8	36
21	7.1	8.2	11	37	21	33	12	13	7.4	6.1	3.9	25
22	7.1	8.2	11	32	18	23	11	12	7.1	5.7	3.5	20
23	7.9	12	13	66	17	18	9.9	12	9.2	6.3	3.5	16
24	7.3	28	19	42	17	18	9.3	11	9.3	8.3	3.2	13
25	7.3	16	13	110	16	16	10	11	8.1	6.3	3.0	14
26	6.8	13	12	55	15	17	9.2	12	7.7	6.3	2.8	29
27	6.6	12	11	38	14	20	9.1	15	7.7	6.6	3.5	59
28	6.9	12	11	29	14	16	9.2	12	11	6.0	3.2	33
29	7.4	12	10	24	---	15	13	10	22	5.4	3.4	21
30	7.7	13	9.9	21	---	28	10	9.1	9.5	5.1	3.5	17
31	7.8	---	9.9	19	---	359	---	8.8	---	4.7	3.4	---
TOTAL	---	295.0	392.8	811.9	852	1168	781.7	731.9	458.0	271.8	114.3	705.9
MEAN	---	9.83	12.7	26.2	30.4	37.7	26.1	23.6	15.3	8.77	3.69	23.5
MAX	---	28	26	110	181	359	129	120	65	64	7.4	204
MIN	---	7.7	9.9	9.7	14	14	9.1	8.8	7.1	4.7	2.7	1.8
CFSM	---	0.39	0.50	1.04	1.21	1.50	1.04	0.94	0.61	0.35	0.15	0.94
IN.	---	0.44	0.58	1.20	1.26	1.73	1.16	1.08	0.68	0.40	0.17	1.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	---	9.83	12.7	26.2	30.4	37.7	26.1	23.6	15.3	8.77	3.69	23.5
MAX	---	9.83	12.7	26.2	30.4	37.7	26.1	23.6	15.3	8.77	3.69	23.5
(WY)	---	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	---	9.83	12.7	26.2	30.4	37.7	26.1	23.6	15.3	8.77	3.69	23.5
(WY)	---	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002

e Estimated

STATION NUMBER 02207435 LITTLE HAYNES CRK AT DIAL MILL RD, NR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334240 LONGITUDE 0835452 NAD83 DRAINAGE AREA 25.1 CONTRIBUTING DRAINAGE AREA 25.1* DATUM 650.00 NGVD29
Date Processed: 2003-03-11 08:41 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	4.03	4.15	4.02	4.31	4.17	5.99	4.13	3.90	4.01	3.76	3.71
2	---	4.03	4.09	4.02	4.26	5.05	5.29	4.06	3.88	3.94	3.74	3.68
3	---	4.04	4.08	4.07	4.25	5.64	5.03	4.04	3.86	3.87	3.73	3.66
4	---	4.03	4.07	4.06	4.25	4.92	4.83	5.62	3.86	4.06	3.71	3.67
5	---	4.02	4.06	4.05	4.26	4.67	4.72	5.72	4.76	3.90	3.70	3.63
6	---	4.02	4.06	4.29	4.85	4.56	4.64	4.83	4.51	3.82	3.68	3.60
7	---	4.02	4.06	4.24	6.48	4.49	4.56	4.62	5.12	3.79	3.66	3.58
8	---	4.02	4.11	4.12	5.35	4.43	4.48	4.47	4.33	3.77	3.64	3.56
9	---	4.03	4.06	4.09	4.94	4.40	4.46	4.36	4.18	3.76	3.64	3.55
10	---	4.03	4.13	4.07	4.79	4.51	4.47	4.30	4.10	3.75	3.64	3.54
11	---	4.03	4.31	4.05	4.68	4.37	4.40	4.28	4.05	3.76	3.63	3.53
12	---	4.04	4.14	4.05	4.57	4.47	4.45	4.22	4.01	3.81	3.62	3.52
13	---	4.03	4.14	4.10	4.54	4.66	4.71	4.22	3.95	3.86	3.62	3.52
14	---	4.04	4.17	4.05	4.45	4.49	4.51	4.29	4.33	5.12	3.61	4.22
15	---	4.04	4.09	4.04	---	4.39	4.42	4.14	4.46	4.21	3.78	4.88
16	3.99	4.04	4.05	4.02	---	4.35	4.33	4.09	4.09	4.00	3.93	4.49
17	3.98	4.04	4.10	4.01	---	4.34	4.28	4.06	4.03	3.92	3.75	4.03
18	3.99	4.04	4.48	4.01	---	4.28	4.22	4.46	3.98	3.89	3.79	6.38
19	3.98	4.04	4.17	4.38	4.28	4.26	4.16	4.31	3.94	3.85	3.75	5.46
20	3.99	4.05	4.09	5.68	4.34	4.25	4.12	4.12	3.91	3.83	3.79	4.67
21	3.99	4.04	4.06	4.73	4.38	4.65	4.08	4.07	3.87	3.85	3.73	4.42
22	3.99	4.04	4.05	4.62	4.27	4.43	4.05	4.05	3.86	3.84	3.69	4.28
23	4.03	4.16	4.11	5.21	4.24	4.31	4.02	4.03	3.95	3.87	3.69	4.15
24	4.00	4.54	4.30	4.83	4.25	4.28	4.00	4.01	3.96	3.96	3.66	4.06
25	4.00	4.23	4.13	5.77	4.22	4.23	4.03	3.99	3.92	3.87	3.64	4.11
26	3.97	4.14	4.10	5.07	4.20	4.25	3.99	4.03	3.90	3.87	3.62	4.52
27	3.96	4.11	4.06	4.76	4.17	4.33	3.99	4.13	3.90	3.89	3.68	5.12
28	3.98	4.10	4.06	4.56	4.17	4.21	3.99	4.03	4.00	3.85	3.66	4.62
29	4.00	4.08	4.04	4.44	---	4.19	4.13	3.97	4.33	3.82	3.68	4.32
30	4.02	4.14	4.02	4.37	---	4.50	4.05	3.93	3.97	3.80	3.68	4.20
31	4.02	---	4.02	4.33	---	7.71	---	3.92	---	3.78	3.68	---
MEAN	---	4.07	4.11	4.39	---	4.57	4.41	4.27	4.10	3.91	3.70	4.16
MAX	---	4.54	4.48	5.77	---	7.71	5.99	5.72	5.12	5.12	3.93	6.38
MIN	---	4.02	4.02	4.01	---	4.17	3.99	3.92	3.86	3.75	3.61	3.52

STATION NUMBER 02207435 LITTLE HAYNES CRK AT DIAL MILL RD, NR MILSTEAD, GA SOURCE AGENCY USGS STATE 13 COUNTY 247
LATITUDE 334240 LONGITUDE 0835452 NAD83 DRAINAGE AREA 25.1 CONTRIBUTING DRAINAGE AREA 25.1* DATUM 650.00 NGVD29
Date Processed: 2003-03-11 08:41 By acday
APPROVED
DD #2, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.05	0.00	0.00	0.02	0.00	0.00	0.01	0.00
2	---	0.00	0.00	0.00	0.00	1.78	0.00	0.00	0.00	0.09	0.00	0.00
3	---	0.00	0.00	0.00	0.04	0.35	0.00	0.31	0.00	0.00	0.00	0.00
4	---	0.01	0.00	0.18	0.00	0.00	0.00	1.76	1.37	0.04	0.00	0.00
5	---	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.01
6	---	0.00	0.00	0.50	2.35	0.00	0.00	0.00	1.94	0.00	0.00	0.01
7	---	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.01
8	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	0.00	0.00	0.00	0.00	0.08	0.26	0.00	0.00	0.02	0.00	0.00
10	---	0.00	0.61	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
11	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04	0.00	0.00
12	---	0.00	0.00	0.20	0.00	0.39	0.50	0.00	0.00	0.01	0.00	0.00
13	---	0.00	0.21	0.00	0.00	0.05	0.11	0.29	0.19	1.63	0.00	0.61
14	---	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.88	0.02	0.02	1.26
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01	1.04
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01
17	0.00	0.00	0.73	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.02	0.24
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.04	2.34
19	0.00	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.00	0.00	0.00	0.28	0.16	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.13	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.30
22	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.19	0.36	0.00	0.00
23	0.00	1.06	0.48	0.04	0.00	0.00	0.00	0.00	0.58	0.25	0.00	0.00
24	0.00	0.06	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.05	0.04	0.00	0.42	0.00	0.00	0.31	0.00	0.01	0.00	0.00	0.59
26	0.00	0.00	0.01	0.00	0.00	0.26	0.00	0.09	0.05	0.14	0.00	0.71
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.21
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.01	0.00	0.00	0.00	0.00	0.00
30	0.00	0.23	0.00	0.00	---	---	0.23	0.00	0.00	0.00	0.01	0.00
31	0.00	---	0.00	0.00	---	---	---	0.00	---	0.20	0.02	---
TOTAL	---	1.40	2.04	4.73	2.94	---	1.49	3.03	5.40	2.84	1.17	7.34

ALTAMAHA RIVER BASIN
2002 Water Year

02208050 ALCOVY RIVER NEAR LAWRENCEVILLE, GA

LOCATION.—Lat 33°58'40", long 83°56'23" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at bridge on US 29, 3.2 miles northeast of Lawrenceville.

DRAINAGE AREA.—9.97 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1964 to 1974, 1995 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 920.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 4.92 feet, April 18, 1969
DISCHARGE: 1,620 ft^3/s, April 18, 1969

MAXIMUM FOR CURRENT YEAR.—
STAGE: 3.34 feet, September 21
DISCHARGE: 496 ft^3/s, September 21

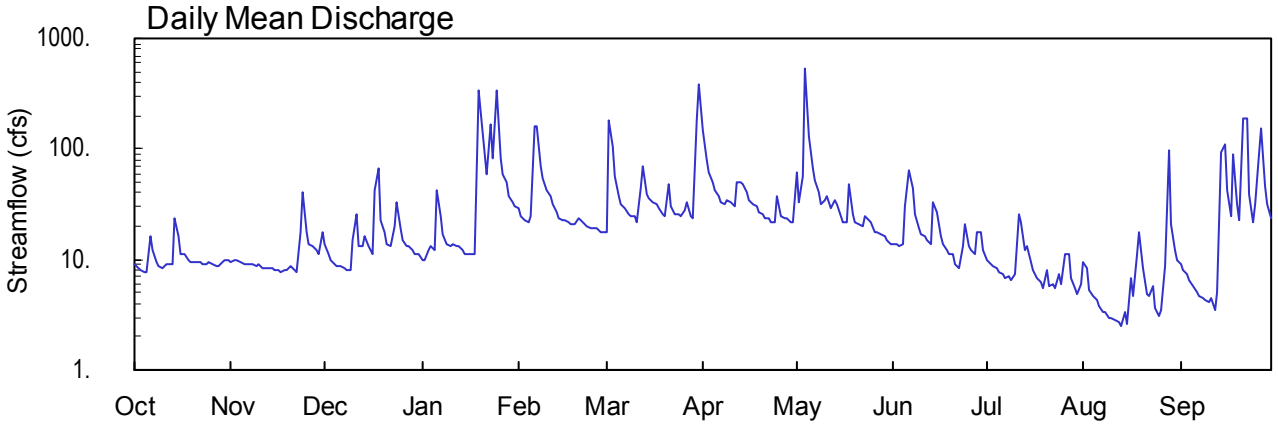
ALTAMAHA RIVER BASIN

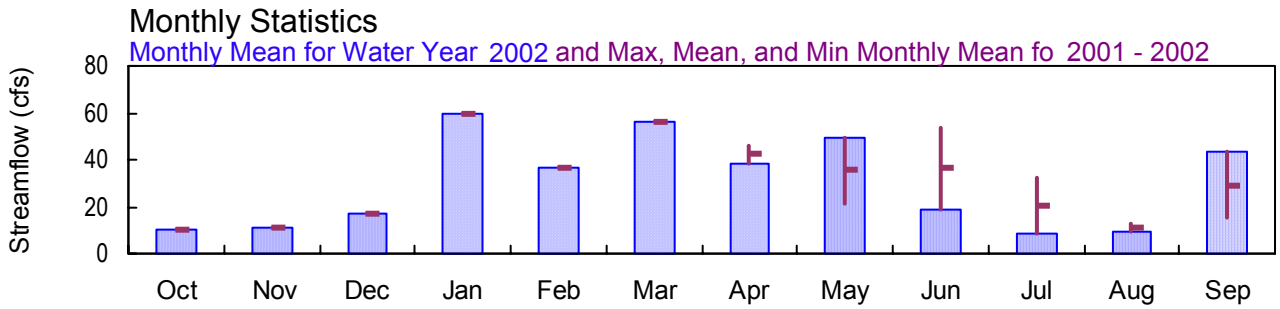
2002 Water Year

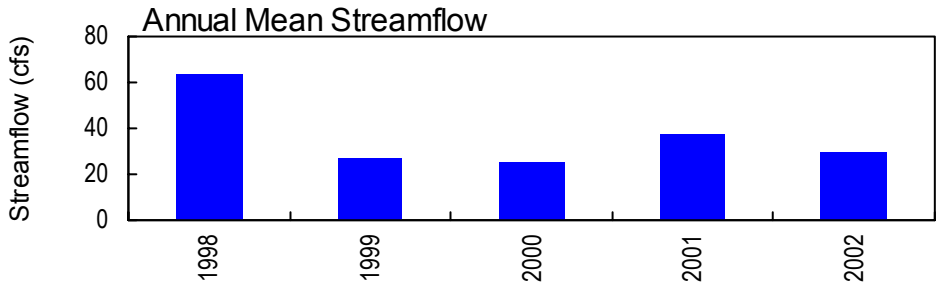
02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA

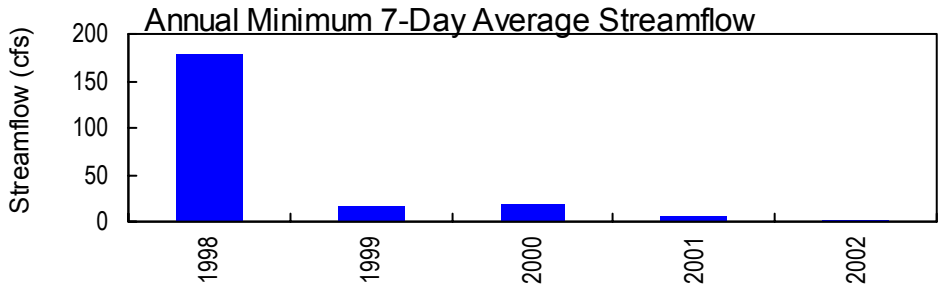
Latitude: 33°55'03" Longitude: 83°53'17" Hydrologic Unit Code: 03070103 Gwinnett County

Drainage Area: 30.8 mi^2 Datum: 850.00 feet









ALTAMAHA RIVER BASIN
2002 Water Year

02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA

LOCATION.—Lat 33°55'03", long 83°53'17" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 8.0 feet downstream of bridge at New Hope Road, and 4.2 miles northeast of Grayson.

DRAINAGE AREA.—28.2 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 7, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 850.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for period of estimated discharge, which is fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 7, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 850.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 9.63 feet, May 4; minimum gage-height, 2.58 feet, August 13, 15.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 7, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8* DATUM 850.00 NGVD29
Date Processed: 2003-03-11 15:06 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.9	9.5	14	10	29	18	148	61	14	9.8	9.6	9.0
2	8.5	9.7	11	10	25	185	78	33	14	9.0	8.4	8.0
3	8.1	9.8	9.8	12	23	107	61	56	13	8.8	5.3	7.4
4	7.7	9.3	9.1	13	22	57	51	528	14	8.4	4.7	6.6
5	7.6	9.1	8.8	12	25	37	42	130	30	7.8	4.3	5.7
6	16	9.2	8.6	42	162	32	37	67	e63	7.3	3.8	5.0
7	12	8.9	8.3	25	160	29	33	52	e45	6.9	3.4	4.6
8	9.3	8.9	8.1	17	69	26	31	41	e26	7.0	3.3	4.5
9	8.7	8.7	8.0	14	55	25	35	32	e19	6.4	3.0	4.3
10	8.5	9.1	15	13	42	25	33	35	e17	7.4	2.9	4.1
11	8.9	8.3	26	14	37	22	30	38	e16	26	2.8	4.5
12	9.0	8.2	13	13	32	44	49	29	e15	22	2.7	3.5
13	8.9	8.3	13	13	27	69	51	34	14	12	2.5	5.0
14	24	8.3	16	12	24	39	47	32	33	13	3.4	92
15	16	8.1	13	11	23	36	40	25	27	9.3	2.6	111
16	11	8.0	11	11	23	33	34	22	16	7.9	6.9	43
17	11	7.7	43	11	22	31	31	22	14	6.8	4.6	25
18	10	7.9	66	11	21	29	30	47	12	6.2	11	89
19	9.6	7.9	23	339	21	26	27	26	11	5.6	18	31
20	9.6	8.6	18	212	24	25	26	22	11	8.1	8.5	23
21	9.3	7.9	14	91	23	47	24	21	8.9	5.7	4.9	188
22	9.3	7.8	13	59	21	30	24	20	8.3	5.9	4.6	192
23	9.1	18	20	168	20	26	22	25	13	5.4	5.7	39
24	9.2	41	33	84	19	26	22	23	21	7.3	3.6	22
25	9.3	18	19	333	19	25	37	22	13	5.9	3.1	31
26	8.9	14	15	82	19	28	25	18	12	11	3.5	94
27	8.6	13	13	59	18	33	24	18	11	11	8.6	153
28	8.8	12	13	49	18	25	24	17	18	6.9	99	46
29	9.4	11	12	37	---	24	22	16	18	5.6	21	31
30	9.8	18	11	33	---	183	22	15	12	4.8	12	24
31	9.8	---	11	30	---	389	---	14	---	5.9	9.7	---
TOTAL	314.8	334.2	516.7	1840	1023	1731	1160	1541	559.2	271.1	287.4	1306.2
MEAN	10.2	11.1	16.7	59.4	36.5	55.8	38.7	49.7	18.6	8.75	9.27	43.5
MAX	24	41	66	339	162	389	148	528	63	26	99	192
MIN	7.6	7.7	8.0	10	18	18	22	14	8.3	4.8	2.5	3.5
CFSM	0.33	0.36	0.54	1.93	1.19	1.81	1.26	1.61	0.61	0.28	0.30	1.41
IN.	0.38	0.40	0.62	2.22	1.24	2.09	1.40	1.86	0.68	0.33	0.35	1.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	10.2	11.1	16.7	59.4	36.5	55.8	42.5	35.7	36.2	20.7	11.2	29.2
MAX	10.2	11.1	16.7	59.4	36.5	55.8	46.2	49.7	53.7	32.7	13.1	43.5
(WY)	2002	2002	2002	2002	2002	2002	2001	2002	2001	2001	2001	2002
MIN	10.2	11.1	16.7	59.4	36.5	55.8	38.7	21.6	18.6	8.75	9.27	14.9
(WY)	2002	2002	2002	2002	2002	2002	2002	2001	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	10884.6			
ANNUAL MEAN	29.8		29.8	
HIGHEST ANNUAL MEAN			29.8	2002
LOWEST ANNUAL MEAN			29.8	2002
HIGHEST DAILY MEAN	528	May 4	528	May 4 2002
LOWEST DAILY MEAN	2.5	Aug 13	2.5	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	2.8	Aug 9	2.8	Aug 9 2002
MAXIMUM PEAK FLOW	1430	May 4	1430	May 4 2002
MAXIMUM PEAK STAGE	9.63	May 4	9.63	May 4 2002
ANNUAL RUNOFF (CFSM)	0.97		0.97	
ANNUAL RUNOFF (INCHES)	13.15		13.16	
10 PERCENT EXCEEDS	55		55	
50 PERCENT EXCEEDS	16		16	
90 PERCENT EXCEEDS	5.9		5.9	

e Estimated

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8* DATUM 850.00 NGVD29
Date Processed: 2003-03-12 14:24 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	3.05	3.26	3.15	3.40	3.13	4.87	3.89	3.04	2.89	2.92	2.91
2	2.96	3.06	3.16	3.15	3.32	4.75	4.19	3.49	3.02	2.85	2.88	2.87
3	2.95	3.07	3.13	3.22	3.27	4.50	3.97	3.82	3.00	2.84	2.76	2.85
4	2.93	3.05	3.11	3.25	3.24	3.90	3.81	6.43	3.01	2.83	2.73	2.81
5	2.92	3.05	3.10	3.22	3.32	3.59	3.66	4.71	3.42	2.80	2.71	2.77
6	3.19	3.05	3.10	3.81	4.54	3.47	3.58	4.04	---	2.78	2.68	2.74
7	3.07	3.04	3.08	3.55	4.95	3.41	3.51	3.82	---	2.77	2.65	2.72
8	2.99	3.05	3.07	3.35	4.06	3.35	3.46	3.65	---	2.77	2.65	2.71
9	2.97	3.04	3.07	3.28	3.87	3.33	3.53	3.48	---	2.75	2.63	2.70
10	2.96	3.05	3.27	3.24	3.67	3.32	3.50	3.54	---	2.78	2.62	2.69
11	2.98	3.03	3.56	3.26	3.58	3.26	3.44	3.59	---	3.19	2.62	2.71
12	2.98	3.03	3.24	3.24	3.48	3.64	3.71	3.40	---	3.26	2.61	2.66
13	2.98	3.03	3.24	3.25	3.35	4.04	3.81	3.50	---	3.01	2.60	2.71
14	3.39	3.03	3.33	3.20	3.30	3.62	3.74	3.48	3.41	3.06	2.66	4.30
15	3.20	3.03	3.23	3.18	3.28	3.56	3.64	3.30	3.34	2.92	2.61	4.49
16	3.07	3.03	3.16	3.17	3.27	3.49	3.52	3.25	3.09	2.87	2.82	3.70
17	3.06	3.02	3.54	3.16	3.24	3.45	3.46	3.25	3.02	2.82	2.72	3.36
18	3.04	3.03	4.18	3.16	3.21	3.40	3.42	3.72	2.95	2.79	2.86	4.25
19	3.02	3.03	3.50	5.15	3.22	3.33	3.37	3.34	2.91	2.77	3.16	3.49
20	3.02	3.06	3.39	5.25	3.28	3.32	3.34	3.26	2.91	2.87	2.89	3.31
21	3.01	3.04	3.28	4.33	3.26	3.73	3.30	3.22	2.85	2.77	2.74	4.49
22	3.02	3.03	3.23	3.93	3.21	3.43	3.28	3.20	2.83	2.78	2.72	4.97
23	3.02	3.26	3.41	5.00	3.19	3.35	3.25	3.32	3.00	2.76	2.77	3.64
24	3.02	3.82	3.72	4.22	3.17	3.33	3.25	3.25	3.20	2.84	2.67	3.28
25	3.02	3.35	3.39	5.94	3.16	3.32	3.54	3.23	2.98	2.78	2.63	3.45
26	3.01	3.24	3.30	4.23	3.16	3.39	3.32	3.14	2.96	2.96	2.65	4.22
27	3.01	3.22	3.25	3.93	3.14	3.48	3.28	3.14	2.94	2.99	2.88	4.88
28	3.01	3.19	3.23	3.77	3.13	3.31	3.28	3.10	3.12	2.82	4.17	3.77
29	3.04	3.15	3.20	3.58	---	3.30	3.25	3.07	3.15	2.77	3.26	3.48
30	3.05	3.36	3.17	3.50	---	4.64	3.25	3.05	2.96	2.73	3.01	3.34
31	3.06	---	3.16	3.44	---	6.33	---	3.03	---	2.78	2.94	---
MEAN	3.03	3.12	3.29	3.71	3.44	3.66	3.55	3.54	---	2.86	2.81	3.41
MAX	3.39	3.82	4.18	5.94	4.95	6.33	4.87	6.43	---	3.26	4.17	4.97
MIN	2.92	3.02	3.07	3.15	3.13	3.13	3.25	3.03	---	2.73	2.60	2.66

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8* DATUM 850.00 NGVD29
Date Processed: 2003-03-11 08:44 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.41	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.66	1.20	0.00	0.00	0.00
5	0.01	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
6	0.23	0.00	0.00	0.57	2.23	0.00	0.00	0.00	0.42	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.16	0.26	0.26	0.00	0.00	0.00	0.00
10	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.33	---	0.12	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.18	0.00	0.00
12	0.00	0.00	0.00	0.11	0.00	0.82	0.55	0.00	---	0.00	0.00	0.00
13	0.00	0.00	0.18	0.00	0.00	0.14	0.00	0.42	---	0.59	0.00	1.10
14	0.56	0.00	0.00	0.00	0.00	0.00	0.16	0.00	1.36	0.00	0.00	1.21
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.79	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.71	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	1.94
19	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.34	0.32	0.00	0.00	0.00	0.00	0.00	0.02
21	0.00	0.00	0.00	0.27	0.00	0.34	0.00	0.00	0.00	0.00	0.24	1.00
22	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.01	0.30	0.00	0.00
23	0.00	1.30	0.63	0.13	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
24	0.00	0.00	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.78
26	0.00	0.20	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.25	0.35	0.83
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.35
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	1.83	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.22	0.00	0.00	---	1.87	0.25	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.48	---	0.00	---	0.45	0.00	---
TOTAL	0.80	1.72	2.28	5.82	2.76	6.88	1.57	6.22	---	1.89	3.13	8.44

ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA

LOCATION.—Lat 33°55'03", long 83°53'17" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 8.0 feet downstream of bridge at New Hope Road, and 4.2 miles northeast of Grayson.

DRAINAGE AREA.—28.2 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.— March 8, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: March 8, 2001 to current year.
WATER TEMPERATURE: March 8, 2001 to current year.
TURBIDITY: March 8, 2001 to current year.

INSTRUMENTATION.— Satellite telemetry with a continuous water-quality monitor.

REMARKS.— Records fair, except turbidity records, which are poor. Water Year 2001 specific conductance and water temperature published in Water Resources Data-Georgia, 2001.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 106 microsiemens, August 27, 2002; minimum recorded, 34 microsiemens, March 15, 2001 and May 4, 2002.
WATER TEMPERATURE: Maximum recorded, 26.5°C, July 11, 2001; minimum recorded, 0.0°C, January 4 and 5, 2002.
TURBIDITY: Maximum recorded, >2,200 NTU, May 13, August 28, 2002; minimum recorded, <2.0 NTU, on many days during summer months in 2001.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 96 microsiemens, July 25; minimum 34 microsiemens, March 15.
WATER TEMPERATURE: Maximum, 26.5°C, July 11; minimum 5.9°C, March 10.
TURBIDITY: Maximum, >1,100 NTU, on several days; minimum, <2.0 NTU, on many days during summer months.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 106 microsiemens, August 27; minimum, 34 microsiemens, May 4.
WATER TEMPERATURE: Maximum, 26.1°C, July 30; minimum, 0.0°C, January 4 and 5.
TURBIDITY: Maximum, >2,200 NTU, May 13, August 28; minimum, <5.0 NTU, on many days.

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 11:50 By ceoberst
APPROVED
DD #7, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	86	85	85	86	85	85	82	76	78	82	81	81
2	87	86	87	86	84	85	82	76	77	81	81	81
3	89	87	88	86	84	85	78	75	77	83	79	80
4	---	---	---	86	85	86	77	76	77	85	82	83
5	90	88	89	86	84	85	77	73	77	99	84	93
6	95	89	91	86	84	85	77	76	76	99	77	87
7	94	79	85	85	83	84	77	76	76	82	80	81
8	86	81	83	84	83	84	76	76	76	83	82	83
9	88	86	87	84	83	83	77	76	77	83	82	82
10	88	86	87	87	83	85	78	72	75	82	81	82
11	90	87	89	87	86	87	79	71	74	83	79	82
12	96	89	94	---	---	---	75	73	74	82	79	81
13	97	96	96	84	82	83	77	75	75	82	81	81
14	96	81	92	83	82	83	80	76	78	83	81	82
15	81	78	79	82	81	82	80	78	79	82	81	81
16	85	80	83	82	81	81	78	78	78	82	80	81
17	86	84	85	82	80	81	79	65	76	81	80	81
18	87	85	86	80	79	80	71	65	68	81	79	80
19	86	85	85	80	79	80	77	71	75	81	39	64
20	86	85	86	81	79	81	80	77	79	65	46	58
21	87	86	87	81	79	80	85	80	82	69	62	66
22	87	87	87	79	78	78	85	84	84	73	65	70
23	88	86	87	80	76	78	84	77	81	70	48	59
24	89	88	88	83	77	79	81	68	72	72	66	70
25	90	88	89	77	75	76	80	74	78	70	44	57
26	90	89	90	78	76	77	82	79	81	75	66	71
27	90	88	88	79	78	78	82	81	82	80	75	78
28	88	87	87	80	78	80	83	80	82	82	78	81
29	88	87	87	80	79	79	81	80	80	84	82	83
30	88	86	87	84	77	80	82	80	81	87	83	85
31	87	85	86	---	---	---	81	81	81	87	85	86
MONTH	97	78	87	87	75	82	85	65	78	99	39	78

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 11:50 By ceoberst
APPROVED
DD #7, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	87	86	87	83	81	82	65	54	60	83	58	73
2	89	86	87	81	43	64	69	59	67	76	68	72
3	89	87	88	67	52	60	74	66	72	82	65	73
4	89	87	88	70	67	69	77	74	75	74	34	53
5	89	85	87	73	69	72	79	77	78	63	52	59
6	85	45	74	78	73	76	80	77	79	69	63	66
7	67	46	60	81	77	78	80	78	79	74	69	71
8	75	67	71	79	78	79	79	78	78	77	74	75
9	79	75	78	79	76	78	82	77	78	77	71	76
10	81	79	80	81	77	79	82	76	78	77	71	74
11	83	81	82	79	78	78	78	77	77	79	69	73
12	84	82	83	78	62	72	78	72	76	77	73	75
13	85	83	84	68	59	64	73	66	70	78	66	75
14	85	84	85	72	67	70	76	71	74	76	70	74
15	86	84	85	74	70	73	77	70	74	78	74	76
16	86	81	84	75	73	74	79	76	78	79	78	78
17	85	81	83	75	73	74	81	78	79	81	79	79
18	86	84	85	78	74	75	81	79	80	82	65	71
19	87	84	85	76	75	76	81	80	81	74	65	70
20	86	83	84	75	73	74	82	80	81	77	74	75
21	88	81	84	76	66	70	82	81	81	79	77	78
22	84	81	82	72	67	70	82	80	81	80	78	79
23	84	83	83	73	72	73	83	81	82	83	76	79
24	85	82	83	74	73	73	83	81	82	76	73	74
25	84	82	83	74	72	73	87	75	81	83	75	79
26	84	82	83	73	69	71	80	75	77	82	78	80
27	83	82	83	75	68	71	80	78	79	81	78	80
28	84	83	83	77	74	76	81	79	80	81	78	79
29	---	---	---	---	---	---	81	79	80	81	78	79
30	---	---	---	79	44	67	81	80	80	81	79	80
31	---	---	---	56	41	51	---	---	---	81	80	81
MONTH	89	45	82	83	41	72	87	54	77	83	34	74

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 11:50 By ceoberst
APPROVED
DD #7, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	81	79	80	82	80	81	91	75	88	82	79	81
2	80	79	79	83	81	82	---	---	---	83	81	82
3	80	78	79	83	80	82	---	---	---	82	81	82
4	81	59	78	83	81	82	---	---	---	82	81	82
5	85	60	77	83	82	83	---	---	---	83	82	82
6	82	47	69	84	83	83	81	80	80	82	81	82
7	66	49	60	84	81	82	82	80	81	82	81	82
8	73	66	70	85	81	83	81	80	81	82	80	81
9	77	73	75	85	83	83	81	79	80	80	79	80
10	---	---	---	85	76	83	80	79	79	80	79	79
11	---	---	---	98	65	81	79	79	79	86	79	84
12	---	---	---	81	67	78	80	79	80	85	83	84
13	---	---	---	81	72	79	81	79	80	83	69	81
14	78	49	68	82	72	78	91	80	88	95	53	62
15	73	66	71	83	80	82	89	86	88	66	58	62
16	75	72	74	81	80	81	91	78	86	78	66	74
17	78	74	75	84	80	81	93	87	91	81	78	80
18	81	78	80	81	80	81	98	85	93	81	53	63
19	84	80	83	81	81	81	95	64	84	81	69	75
20	83	80	81	95	81	89	92	81	84	84	81	82
21	84	82	83	89	82	85	89	86	88	88	38	75
22	84	81	83	82	77	80	88	86	87	75	44	66
23	89	80	83	82	79	81	97	86	92	83	75	80
24	95	73	82	84	76	80	89	88	89	87	83	85
25	82	79	80	82	81	81	89	85	87	92	77	87
26	84	81	82	87	78	82	85	80	84	78	62	74
27	83	69	81	97	83	91	106	82	88	76	60	70
28	79	69	75	83	78	80	86	41	58	89	75	83
29	85	74	80	80	79	80	74	65	70	94	88	91
30	80	77	78	81	80	80	78	74	76	96	94	95
31	---	---	---	81	65	78	79	78	79	---	---	---
MONTH	95	47	77	98	65	82	106	41	83	96	38	79
YEAR	106	34	79									

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 11:17 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16.4	13.4	15.0	13.9	9.7	11.8	14.0	11.1	12.6	4.8	1.8	3.3
2	16.6	13.1	14.9	14.9	11.5	13.2	13.0	9.8	11.4	3.5	2.7	3.1
3	16.9	13.4	15.2	16.7	13.3	14.8	12.0	9.0	10.6	3.3	1.6	2.4
4	---	---	---	15.5	13.0	14.2	11.3	7.6	9.5	3.2	0.0	1.6
5	16.3	14.4	15.4	14.0	10.3	12.3	11.5	7.5	9.5	3.7	0.0	1.8
6	17.2	15.4	16.5	12.3	8.9	10.8	13.4	9.9	11.6	4.9	2.9	3.9
7	15.7	13.4	14.6	11.7	7.5	9.7	13.5	10.2	12.0	5.1	3.8	4.7
8	14.2	11.6	13.1	12.1	8.0	10.1	14.3	10.9	12.7	4.9	2.3	3.5
9	13.9	11.3	12.7	12.8	8.7	10.8	13.8	11.7	12.8	5.6	1.6	3.6
10	15.3	12.1	13.7	12.6	8.8	10.7	13.1	10.1	11.4	8.1	3.8	5.9
11	16.9	14.7	15.8	12.3	8.1	10.2	11.2	9.8	10.5	10.7	7.6	8.8
12	18.0	16.1	17.0	---	---	---	11.6	10.7	11.1	7.9	5.4	6.4
13	19.1	17.3	18.2	11.0	7.9	9.5	12.8	11.6	12.2	7.3	4.1	5.6
14	19.8	17.7	18.9	11.5	7.7	9.5	15.4	12.8	13.9	6.0	3.8	4.9
15	17.7	14.7	16.2	11.9	8.0	9.9	13.1	9.9	11.4	7.3	3.7	5.4
16	15.3	12.8	14.0	11.5	7.4	9.5	11.5	9.1	10.4	6.7	3.2	5.0
17	13.1	10.3	11.8	11.9	7.6	9.8	13.9	11.0	11.9	7.2	2.8	5.1
18	12.5	9.0	10.8	12.1	8.5	10.3	13.9	10.8	12.6	9.0	6.0	7.3
19	13.2	9.3	11.2	11.9	8.2	10.1	10.8	8.5	9.8	7.7	7.0	7.3
20	14.6	10.8	12.8	12.1	9.3	10.7	9.7	7.4	8.7	7.7	6.2	7.0
21	15.6	11.8	13.8	10.1	6.9	8.5	8.0	5.2	6.6	8.9	6.8	7.7
22	16.3	13.2	14.7	9.8	6.2	8.0	7.5	4.2	5.9	8.3	5.8	7.3
23	17.5	14.3	15.9	11.1	8.7	9.7	8.1	5.5	6.6	9.5	8.2	8.7
24	17.1	14.3	15.8	13.9	11.1	12.9	8.2	5.7	7.5	12.1	9.5	10.6
25	17.3	14.3	16.5	15.8	13.6	14.6	6.2	3.8	5.1	12.3	10.8	11.7
26	14.3	11.7	13.0	14.4	11.5	13.2	5.0	3.0	3.9	10.8	8.1	9.4
27	11.7	9.2	10.4	16.4	13.7	14.9	4.2	1.4	2.8	9.5	6.9	8.4
28	10.2	6.8	8.6	15.8	13.5	14.7	5.9	2.0	3.8	11.3	8.1	9.6
29	10.3	6.1	8.3	16.3	13.2	14.7	7.9	4.6	6.0	13.0	9.5	11.3
30	11.2	6.7	9.0	16.6	13.9	15.5	6.2	4.1	5.1	14.2	11.2	12.7
31	11.7	7.5	9.7	---	---	---	4.8	3.7	4.2	15.5	12.6	14.0
MONTH	19.8	6.1	13.8	16.7	6.2	11.5	15.4	1.4	9.2	15.5	0.0	6.7

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 11:17 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.6	12.8	14.6	7.4	1.8	4.7	17.7	14.2	16.0	18.1	15.7	16.8
2	12.8	9.2	10.9	7.5	6.0	6.5	18.0	12.7	15.6	21.5	17.3	19.2
3	9.2	7.6	8.3	9.0	6.8	8.1	19.3	14.5	16.9	20.5	19.2	19.7
4	9.5	6.7	7.9	6.9	4.2	5.6	17.3	13.2	15.4	19.2	15.6	17.0
5	6.7	5.1	6.0	8.0	3.1	5.5	16.8	11.4	14.1	17.6	15.6	16.4
6	6.4	5.2	5.7	9.9	4.5	7.1	16.2	10.5	13.4	18.5	15.4	17.1
7	7.3	5.4	6.6	11.4	6.0	8.6	16.5	10.8	13.6	20.2	16.8	18.4
8	8.6	5.3	7.0	13.1	7.5	10.3	17.0	13.0	14.8	21.5	18.1	19.7
9	9.4	5.6	7.7	14.2	11.2	12.6	16.2	15.3	15.7	21.7	18.5	20.1
10	12.4	9.4	10.8	13.5	9.6	11.4	18.3	15.3	16.6	21.4	19.0	20.3
11	11.5	8.5	10.1	12.0	6.8	9.5	17.0	15.9	16.4	20.5	19.5	20.0
12	9.4	6.0	7.8	10.3	9.6	10	16.5	15.6	16.1	20.1	18.5	19.2
13	9.9	6.6	8.1	13.5	10.2	11.6	17.0	16.0	16.5	21.1	19.0	19.9
14	9.9	5.9	7.9	15.7	10.4	13.1	19.3	16.0	17.6	19.4	16.2	17.7
15	10.3	6.0	8.2	16.3	11.5	14.0	20.5	16.7	18.6	18.7	14.4	16.5
16	11.8	7.9	9.6	17.5	14.1	15.7	22.1	16.9	19.3	19.2	14.8	17.0
17	11.0	7.4	9.0	19.3	15.1	17.1	22.3	18.1	20.2	20.6	16.6	18.5
18	9.8	5.2	7.5	18.5	15.6	17.1	23.2	18.4	20.7	20.0	18.0	19.4
19	9.6	4.8	7.3	17.2	15.3	16.2	23.6	18.4	21.0	18.1	15.4	16.8
20	10.6	7.7	9.0	17.9	14.7	16.2	23.6	19.5	21.5	16.8	14.0	15.4
21	12.7	8.0	10.2	18.3	15.3	16.5	23.8	19.3	21.5	15.5	12.7	14.3
22	11.1	7.8	9.5	15.3	10.1	12.6	21.6	18.4	20.2	16.6	13.0	14.7
23	11.0	6.6	8.7	13.5	7.2	10.3	20.0	15.2	17.7	17.0	12.5	14.7
24	11.2	5.9	8.5	14.6	7.8	11.2	19.8	15.8	17.9	18.7	13.7	16.1
25	11.9	6.3	9.1	17.1	10.5	13.8	20.3	17.0	18.4	19.5	15.1	17.3
26	12.4	8.1	9.9	16.1	14.2	15.1	17.7	14.7	15.7	19.8	17.0	18.4
27	8.5	4.5	6.4	17.0	12.1	14.4	16.5	14.4	15.4	21.4	17.8	19.5
28	7.1	2.1	4.5	16.1	9.8	12.9	20.9	16.1	18.2	21.2	18.0	19.6
29	---	---	---	---	---	---	21.5	18.3	19.7	21.3	17.8	19.6
30	---	---	---	16.9	14.9	15.8	18.5	15.6	16.3	20.9	18.2	19.6
31	---	---	---	17.1	15.3	16.3	---	---	---	22.2	18.9	20.5
MONTH	15.6	2.1	8.5	19.3	1.8	12.0	23.8	10.5	17.4	22.2	12.5	18.0

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 11:17 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.5	19.5	21.4	25.5	22.9	24.1	25.5	22.9	24.2	22.5	20.8	21.6
2	24.3	20.2	22.2	24.8	21.8	23.4	---	---	---	22.7	20.8	21.7
3	24.9	21.0	22.9	24.4	22.1	23.3	---	---	---	23.0	20.4	21.8
4	24.8	21.7	23.2	24.6	21.8	23.2	---	---	---	23.9	20.9	22.5
5	24.4	21.8	23.0	25.3	22.1	23.7	---	---	---	24.2	21.6	23.1
6	24.0	21.9	22.9	25.7	22.6	24.2	25.5	22.7	24.3	24.0	22.2	23.2
7	23.9	22.4	23.1	25.0	22.8	24.0	24.9	23.0	24.0	22.7	20.5	21.8
8	23.6	21.7	22.6	25.0	22.6	23.8	23.8	20.7	22.4	22.5	20.1	21.5
9	22.7	19.3	21.0	24.4	21.2	23.0	23.2	20.2	21.9	22.3	19.6	21.2
10	---	---	---	24.8	22.5	23.7	23.1	20.3	21.8	22.1	19.0	20.8
11	---	---	---	24.9	22.8	23.6	23.1	19.8	21.6	22.3	19.1	21.0
12	---	---	---	24.6	21.9	22.6	22.9	19.8	21.6	22.2	20.4	21.4
13	---	---	---	22.3	21.2	21.7	23.4	20.4	22.0	21.5	20.5	21.0
14	22.7	21.5	22.0	24.5	21.7	22.9	24.2	21.5	22.9	22.8	21.5	22.4
15	22.4	19.7	21.0	25.0	22.1	23.5	24.8	22.5	23.7	22.4	21.5	22.0
16	21.5	18.1	19.9	25.5	22.2	23.9	25.2	23.0	24.1	23.4	21.5	22.4
17	22.5	18.8	20.6	25.3	22.9	24.2	25.1	23.1	24.2	23.0	21.8	22.4
18	22.9	18.8	20.8	25.7	22.9	24.4	25.2	22.8	24.0	23.3	21.9	22.7
19	22.5	19.9	21.2	25.4	22.7	24.3	25.6	23.1	24.3	22.9	22.2	22.5
20	23.4	20.1	21.7	25.8	23.2	24.5	24.9	22.3	23.8	23.1	22.0	22.5
21	22.4	19.8	21.1	25.2	23.0	24.2	25.8	23.1	24.4	23.6	22.1	22.7
22	21.2	19.6	20.5	25.0	22.4	23.8	25.4	23.1	24.4	23.1	22.5	22.9
23	22.5	20.6	21.4	25.0	22.8	23.9	26.0	23.1	24.7	23.0	21.9	22.4
24	23.6	20.9	22.1	23.9	22.1	23.2	26.0	23.3	24.8	22.1	21.1	21.5
25	23.4	21.7	22.6	23.6	22.4	23.0	25.6	23.7	24.6	21.1	18.7	19.8
26	23.2	21.8	22.4	24.3	22.7	23.3	24.9	23.2	23.9	20.3	18.3	18.8
27	24.3	21.5	22.8	25.3	22.7	24.0	23.7	22.3	23.0	21.7	20.3	21.2
28	23.0	21.7	22.4	25.8	23.0	24.5	23.1	21.3	22.5	21.4	20.2	20.9
29	24.5	21.7	22.9	25.9	23.5	24.9	22.9	21.8	22.4	21.1	20.5	20.8
30	25.2	22.0	23.6	26.1	23.9	25.1	22.5	21.9	22.1	21.3	20.2	20.7
31	---	---	---	25.6	23.5	24.4	21.9	21.3	21.6	---	---	---
MONTH	25.2	18.1	22.0	26.1	21.2	23.8	26.0	19.8	23.3	24.2	18.3	21.7
YEAR	26.1	0.0	15.6									

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8* DATUM 850.00 NGVD29
Date Processed: 2003-03-17 11:06 By bemccall
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	31	13	850	30	12	18
2	---	---	---	---	---	---	26	13	232	44	9.2	4.5
3	---	---	---	---	---	---	1090	16	871	881	15	8.1
4	---	---	---	---	---	---	226	12	479	726	32	536
5	---	---	---	---	---	---	61	12	449	72	62	36
6	---	---	---	---	---	---	26	14	>1100	21	344	8.4
7	---	---	---	---	---	---	19	16	359	14	344	6.8
8	---	---	---	---	---	17	16	9.6	49	21	44	7.8
9	---	---	---	---	---	12	18	12	31	20	12	18
10	---	---	---	---	---	13	24	20	21	16	10	77
11	---	---	---	---	---	12	21	12	291	12	9.9	77
12	---	---	---	---	---	954	17	28	356	118	11	26
13	---	---	---	---	---	466	22	12	238	388	952	13
14	---	---	---	---	---	288	92	---	23	145	760	7.9
15	---	---	---	---	---	919	>1100	---	18	19	22	8.6
16	---	---	---	---	---	148	>1100	25	21	17	12	11
17	---	---	---	---	---	54	23	13	18	13	11	7.5
18	---	---	---	---	---	36	18	12	17	17	12	12
19	---	---	---	---	---	100	14	>1100	72	9.8	9.2	14
20	---	---	---	---	---	546	14	577	42	9.0	12	11
21	---	---	---	---	---	133	---	33	14	8.5	11	2.7
22	---	---	---	---	---	43	---	215	>1100	7.0	15	3.4
23	---	---	---	---	---	37	---	41	397	9.3	19	306
24	---	---	---	---	---	77	---	19	---	42	36	>1100
25	---	---	---	---	---	28	---	16	---	>1100	31	162
26	---	---	---	---	---	43	22	12	---	172	14	73
27	---	---	---	---	---	29	14	12	---	---	322	29
28	---	---	---	---	---	99	9.0	24	13	75	164	20
29	---	---	---	---	---	248	9.1	1020	15	74	13	20
30	---	---	---	---	---	138	12	70	27	30	13	14
31	---	---	---	---	---	44	---	24	---	12	8.8	---
MAX	---	---	---	---	---	---	---	---	---	---	952	>1100
MIN	---	---	---	---	---	---	---	---	---	---	8.8	2.7
MED	---	---	---	---	---	---	---	---	---	---	14	14

> Actual value is known to be greater than the value shown

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8* DATUM 850.00 NGVD29
Date Processed: 2003-03-17 11:06 By bemccall
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	24	5.9	15	11	5.2	<2.0
2	---	---	---	---	---	---	11	6.1	47	8.7	4.9	<2.0
3	---	---	---	---	---	---	11	6.1	25	17	5.0	<2.0
4	---	---	---	---	---	---	38	5.7	38	34	6.1	4.9
5	---	---	---	---	---	---	21	5.8	32	18	8.9	5.8
6	---	---	---	---	---	---	15	6.2	20	9.5	6.9	2.1
7	---	---	---	---	---	---	11	5.8	48	7.2	37	<2.0
8	---	---	---	---	---	10	9.3	5.9	21	7.4	9.7	<2.0
9	---	---	---	---	---	8.2	8.7	5.7	15	6.0	8.0	<2.0
10	---	---	---	---	---	8.3	9.3	6.2	11	5.1	6.3	<2.0
11	---	---	---	---	---	7.8	8.4	5.7	10	5.0	5.5	20
12	---	---	---	---	---	7.8	8.2	5.6	11	5.9	5.5	4.8
13	---	---	---	---	---	65	8.6	5.9	22	11	5.7	<2.0
14	---	---	---	---	---	46	10	---	11	13	18	2.2
15	---	---	---	---	---	50	11	---	8.9	8.4	6.9	<2.0
16	---	---	---	---	---	51	19	7.0	8.4	7.3	5.3	<2.0
17	---	---	---	---	---	32	11	6.7	8.1	6.6	5.2	<2.0
18	---	---	---	---	---	27	7.8	5.7	7.8	5.9	5.1	<2.0
19	---	---	---	---	---	22	6.5	6.1	8.6	5.8	5.3	<2.0
20	---	---	---	---	---	34	5.6	30	10	5.3	5.1	<2.0
21	---	---	---	---	---	38	---	12	7.9	4.9	5.7	<2.0
22	---	---	---	---	---	32	---	12	9.7	4.4	6.9	<2.0
23	---	---	---	---	---	27	---	14	43	4.6	8.5	<2.0
24	---	---	---	---	---	25	---	9.8	---	4.9	12	126
25	---	---	---	---	---	23	---	9.3	---	20	5.3	62
26	---	---	---	---	---	21	5.7	7.5	---	41	4.1	23
27	---	---	---	---	---	19	6.1	7.4	---	---	13	14
28	---	---	---	---	---	18	5.6	8.6	8.0	14	6.9	12
29	---	---	---	---	---	24	6.0	24	8.4	15	<2.0	9.9
30	---	---	---	---	---	41	5.7	18	13	10	<2.0	8.3
31	---	---	---	---	---	29	---	12	---	7.2	<2.0	---
MAX	---	---	---	---	---	---	---	---	---	---	37	126
MIN	---	---	---	---	---	---	---	---	---	---	<2.0	<2.0
MED	---	---	---	---	---	---	---	---	---	---	5.7	<2.0

< Actual value is known to be less than the value shown

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8* DATUM 850.00 NGVD29
Date Processed: 2003-03-17 11:06 By bemccall
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEDIAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	25	7.3	253	14	6.8	2.5
2	---	---	---	---	---	---	16	7.6	106	12	6.1	<2.0
3	---	---	---	---	---	---	206	7.6	40	187	6.9	2.3
4	---	---	---	---	---	---	76	7.1	105	85	7.4	81
5	---	---	---	---	---	---	29	7.3	57	32	14	15
6	---	---	---	---	---	---	20	8.1	31	14	12	4.8
7	---	---	---	---	---	---	14	8.1	104	9.7	48	3.1
8	---	---	---	---	---	12	12	7.5	30	9.1	14	2.6
9	---	---	---	---	---	9.7	11	7.5	20	9.6	9.1	<2.0
10	---	---	---	---	---	9.7	13	7.7	14	7.4	7.8	2.9
11	---	---	---	---	---	9.2	11	7.7	13	7.4	7.2	32
12	---	---	---	---	---	15	9.8	7.8	22	33	6.9	9.4
13	---	---	---	---	---	138	11	8.4	42	30	7.3	4.4
14	---	---	---	---	---	73	14	---	15	33	52	3.6
15	---	---	---	---	---	271	115	---	12	12	12	3.6
16	---	---	---	---	---	70	42	8.3	12	9.6	7.9	4.0
17	---	---	---	---	---	41	16	7.9	11	8.2	6.6	2.1
18	---	---	---	---	---	30	12	7.1	9.5	8.0	6.5	4.9
19	---	---	---	---	---	26	9.7	9.3	12	6.7	6.8	4.7
20	---	---	---	---	---	242	8.3	91	16	6.6	6.6	<2.0
21	---	---	---	---	---	50	---	16	11	6.2	7.4	<2.0
22	---	---	---	---	---	36	---	18	20	5.7	9.1	<2.0
23	---	---	---	---	---	30	---	21	98	5.7	12	<2.0
24	---	---	---	---	---	27	---	13	---	7.8	20	211
25	---	---	---	---	---	24	---	11	---	242	7.0	82
26	---	---	---	---	---	23	8.3	8.9	---	68	6.6	44
27	---	---	---	---	---	23	8.3	9.0	---	---	30	18
28	---	---	---	---	---	20	7.1	11	10	20	13	14
29	---	---	---	---	---	88	7.3	187	9.9	32	7.0	11
30	---	---	---	---	---	68	7.3	30	16	16	3.2	9.8
31	---	---	---	---	---	34	---	16	---	9.2	<2.0	---
MAX	---	---	---	---	---	---	---	---	---	---	52	211
MIN	---	---	---	---	---	---	---	---	---	---	<2.0	<2.0
MED	---	---	---	---	---	---	---	---	---	---	7.4	4.2

< Actual value is known to be less than the value shown

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 12:04 By ceoberst
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13	7.8	9.7	---	---	---	170	6.8	8.8	10	<5.0	5.2
2	19	7.8	9.2	---	---	---	10	<5.0	6.7	10	<5.0	5.0
3	16	7.0	8.3	---	---	---	15	5.1	6.6	16	<5.0	5.6
4	11	7.3	8.4	---	---	---	10	5.0	6.1	15	5.2	6.2
5	13	6.9	8.0	---	---	---	11	<5.0	5.3	8.5	<5.0	5.5
6	49	6.6	22	31	<5.0	8.6	11	<5.0	<5.0	507	5.2	122
7	66	9.7	15	---	---	---	10	<5.0	<5.0	87	20	35
8	22	7.0	10	---	---	---	16	<5.0	<5.0	29	12	19
9	19	6.3	7.5	55	4.8	21	11	<5.0	<5.0	---	---	---
10	15	6.1	8.4	41	5.1	14	63	<5.0	8.6	---	---	---
11	15	5.7	6.9	50	5.9	11	49	11	17	---	---	---
12	8.6	5.0	5.8	---	---	---	22	5.7	8.5	---	---	---
13	10	<5.0	5.6	---	---	---	23	<5.0	6.6	---	---	---
14	87	5.6	34	---	---	---	23	<5.0	7.2	---	---	---
15	37	8.0	18	---	---	---	26	<5.0	7.5	14	<5.0	5.9
16	11	5.5	7.0	12	<5.0	<5.0	25	<5.0	8.3	22	<5.0	6.2
17	18	5.3	9.7	11	<5.0	<5.0	1370	<5.0	14	19	<5.0	6.1
18	9.9	<5.0	5.5	16	<5.0	5.5	625	56	179	8.9	<5.0	5.4
19	21	5.2	6.5	20	<5.0	6.2	62	23	34	1350	<5.0	27
20	---	---	---	13	5.2	6.6	32	12	19	425	105	176
21	---	---	---	25	<5.0	8.1	24	9.7	13	222	83	115
22	---	---	---	30	5.3	7.8	16	8.3	11	97	47	64
23	13	<5.0	<5.0	258	5.5	9.9	118	8.3	13	926	65	169
24	9.2	<5.0	<5.0	183	16	50	118	22	46	488	46	62
25	5.6	<5.0	<5.0	20	6.2	10	30	12	17	582	92	194
26	21	<5.0	<5.0	41	<5.0	8.5	15	6.8	9.5	105	49	66
27	---	---	---	32	<5.0	9.1	9.0	5.8	7.2	53	29	38
28	---	---	---	31	<5.0	5.3	10	5.5	6.5	35	21	25
29	---	---	---	15	<5.0	<5.0	13	5.0	6.2	26	17	20
30	---	---	---	44	<5.0	9.8	18	<5.0	6.1	27	12	16
31	---	---	---	---	---	---	11	<5.0	5.4	20	10	14
MAX	87	9.7	34	258	16	50	1370	56	179	1350	105	194
MIN	5.6	<5.0	<5.0	11	4.8	<5.0	9.0	<5.0	<5.0	8.5	<5.0	5.0

< Actual value is known to be less than the value shown

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 12:04 By ceoberst
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16	10	12	14	5.0	7.5	315	64	96	589	7.4	116
2	15	9.2	12	1160	7.7	244	---	---	---	84	14	26
3	14	7.4	9.2	237	75	120	---	---	---	258	7.5	102
4	11	6.7	8.0	76	40	53	45	19	27	1610	63	292
5	15	6.9	8.8	47	18	27	26	15	18	228	78	108
6	583	10	44	24	13	17	20	11	14	106	56	75
7	368	76	110	22	9.2	14	14	9.3	12	76	31	42
8	90	39	54	14	6.9	9.9	15	7.7	10	33	17	24
9	51	21	28	25	6.3	8.8	21	7.7	15	267	14	18
10	23	14	17	21	7.3	9.6	15	7.7	10	423	68	176
11	19	11	14	14	5.8	7.3	38	5.4	8.3	177	30	42
12	17	9.7	12	146	5.8	68	154	8.0	15	34	14	19
13	13	7.8	9.6	291	50	105	133	15	29	>2200	12	16
14	12	7.0	8.9	51	15	23	245	10	15	291	26	82
15	26	6.5	8.8	22	7.7	13	92	10	19	32	13	18
16	16	5.0	7.2	15	6.3	9.6	15	7.2	9.7	18	10	13
17	9.6	5.1	6.8	11	<5.0	7.4	12	5.6	8.0	25	8.7	12
18	9.6	5.0	6.3	14	5.3	6.8	10	5.9	7.5	565	13	91
19	14	5.5	6.9	11	<5.0	6.3	12	<5.0	6.8	64	24	37
20	28	5.1	11	14	<5.0	5.7	9.5	5.0	6.8	29	13	20
21	16	5.8	9.0	88	12	37	9.6	<5.0	6.7	16	8.5	12
22	19	<5.0	7.0	31	9.7	14	11	<5.0	5.8	13	7.2	8.4
23	9.4	<5.0	6.0	14	5.8	9.6	9.3	<5.0	5.3	164	7.4	13
24	9.4	<5.0	5.1	14	<5.0	9.1	12	<5.0	5.6	79	28	53
25	7.5	<5.0	5.0	14	<5.0	7.3	193	5.1	50	119	29	42
26	9.0	<5.0	5.1	206	<5.0	9.2	34	6.3	10	29	8.7	13
27	11	<5.0	6.0	206	12	32	12	<5.0	6.7	14	7.0	9.3
28	11	<5.0	5.2	14	<5.0	7.4	10	<5.0	5.4	15	7.5	9.5
29	---	---	---	9.3	<5.0	5.2	8.2	<5.0	5.2	21	8.5	10
30	---	---	---	1230	<5.0	92	15	<5.0	6.6	25	8.6	13
31	---	---	---	804	128	328	---	---	---	20	7.9	11
MAX	583	76	110	1230	128	328	315	64	96	>2200	78	292
MIN	7.5	<5.0	5.0	9.3	<5.0	5.2	8.2	<5.0	5.2	13	7.0	8.4

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335503 LONGITUDE 0835317 NAD27 DRAINAGE AREA 30.8 CONTRIBUTING DRAINAGE AREA 30.8 DATUM 850.00 NGVD29
Date Processed: 2003-03-14 12:04 By ceoberst
APPROVED
DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18	7.1	9.2	31	11	14	---	---	---	---	---	---
2	17	6.5	7.9	16	9.1	11	---	---	---	---	---	---
3	14	5.7	7.7	17	8.4	9.9	---	---	---	---	---	---
4	964	5.9	8.9	17	8.0	9.8	---	---	---	17	10	12
5	931	76	118	12	7.1	9.1	---	---	---	12	7.4	8.8
6	1720	55	87	17	7.5	8.7	12	5.8	7.0	21	6.6	8.2
7	1620	70	218	21	7.3	8.7	13	6.6	9.0	23	6.1	7.6
8	86	40	50	20	6.7	8.9	28	5.8	9.1	9.0	5.8	7.3
9	54	30	40	24	6.8	9.7	51	11	19	16	5.6	6.9
10	---	---	---	110	7.2	9.9	22	9.5	13	11	5.6	7.3
11	---	---	---	545	19	38	21	8.9	11	9.7	4.5	6.6
12	---	---	---	436	33	122	18	6.7	9.7	7.8	5.2	6.2
13	---	---	---	71	14	21	15	6.3	8.3	625	5.8	6.8
14	1720	8.6	16	96	14	26	10	<5.0	6.2	703	109	220
15	514	54	199	20	8.8	12	17	<5.0	5.8	566	84	130
16	57	31	38	15	7.8	9.8	77	5.6	8.9	100	27	48
17	36	22	30	21	7.1	8.2	39	<5.0	6.1	29	16	19
18	39	22	26	13	6.6	8.0	459	<5.0	12	1300	16	361
19	28	16	19	11	6.1	7.3	338	32	98	136	31	48
20	23	14	16	18	5.4	6.7	94	11	25	38	21	24
21	19	12	14	12	5.3	6.6	23	<5.0	7.5	1280	21	64
22	19	10	13	20	5.8	7.9	14	<5.0	5.5	652	86	157
23	73	13	18	17	6.4	9.4	16	<5.0	<5.0	86	40	57
24	86	33	44	23	7.1	8.1	11	<5.0	<5.0	43	25	33
25	46	11	15	12	5.4	6.6	14	<5.0	<5.0	150	19	36
26	14	8.1	10	44	5.5	6.7	58	<5.0	6.0	1200	48	124
27	264	7.2	9.7	27	7.0	9.4	77	9.2	27	535	68	186
28	607	64	115	11	5.1	6.7	>2200	8.9	354	111	25	42
29	297	36	64	16	5.6	7.9	---	---	---	27	13	19
30	36	15	21	23	5.6	8.4	---	---	---	16	8.4	11
31	---	---	---	497	7.2	15	---	---	---	---	---	---
MAX	1720	76	218	545	33	122	>2200	32	354	1300	109	361
MIN	14	5.7	7.7	11	5.1	6.6	10	<5.0	<5.0	7.8	4.5	6.2

YEAR		
	MAX	MAXIMUM >2200 MINIMUM 5.6
	MIN	MAXIMUM 128 MINIMUM 4.5
	MEDIAN	MAXIMUM 361 MINIMUM <5.0

\> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

ALTAMAHA RIVER BASIN
2002 Water Year

02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA

LOCATION.—Lat 33°55'03", long 83°53'17" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, 8.0 feet downstream of bridge at New Hope Road, and 4.2 miles northeast of Grayson.

DRAINAGE AREA.—28.2 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—March 7, 2001 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
OCT										
23...	1103	3.00	9.0	--	8.7	88	7.0	84	20.5	15.1
DEC										
05...	1030	3.10	8.7	--	11.0	95	6.6	79	20.0	8.2
DEC										
10-11	0700	--	--	--	10.0	92	7.0	74	8.0	10.4
FEB										
06-06	1825	6.26	346	350	12.1	99	6.8	54	5.0	5.5
12...	1130	3.51	33	17	11.7	98	6.8	84	10.2	6.8
MAR										
12-13	1011	3.40	30	61	10.2	92	6.6	72	10.6	9.6
APR										
17...	1238	3.46	32	9.8	8.5	94	7.4	85	--	20.2
JUN										
10...	0930	3.14	18	29	8.0	86	6.3	77	26.0	18.6
JUL										
11-11	1612	2.86	9.2	28	6.8	83	6.8	86	--	23.7
AUG										
28-28	0935	6.06	310	1000	7.5	88	7.0	51	--	22.2
SEP										
13-13	2205	2.85	7.5	73	7.1	81	6.8	73	--	21.3

02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
23...	1103	3.00	9.0	3.7	E7.5c	85	3	--	62	--	E.20c	--	.180
DEC													
05...	1030	3.10	8.7	4.3	7.7	83	E6c	--	56	E.090c	<.20c	.25	.260
DEC													
10-11	0700	--	--	25	7.6	83	E21c	E5c	61	E.052c	E.20c	.34	.350
FEB													
06-07	1200	--	--	270	7.0	66	295	44	45	.088	1.1	.36	.370
12...	1140	3.51	33	11	7.3	84	7	1	56	.173	.40	.44	.450
MAR													
12-13	1030	--	--	100	7.1	71	80	12	48	.065	.70	.46	.470
APR													
17...	1250	3.46	32	9.5	7.4	82	7	<1	58	.053	<.20	.38	.380
JUN													
10...	0935	3.14	18	22	7.2	79	9	3	63	.092	.20	.36	.370
JUL													
11-12	1930	--	--	440	6.9	81	360	50	53	.069	1.2	.55	.560
AUG													
13...	1105	2.60	2.7	14	7.4	81	4	<1	52	.121	.40	.23	.230
AUG													
28-28	0315	--	--	2600	6.1	40	1440	194	31	.164	3.1	.48	.500
SEP													
14-14	0115	--	--	360	6.8	59	324	48	45	.066	1.2	.35	.340

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
23...	--	<.02c	<.02c	1.1	8	--	--
DEC							
05...	--	E.03c	E.03c	.3	<5	--	--
DEC							
10-11	--	E.02c	E.03c	2.1	10	--	--
FEB							
06-07	1.5	<.02	.19	3.2	<5	--	--
12...	.85	<.02	<.02	.5	<5	--	--
MAR							
12-13	1.2	<.02	.06	1.9	7	--	--
APR							
17...	--	<.02	<.02	.2	6	--	--
JUN							
10...	.57	<.02	<.02	.3	5	--	--
JUL							
11-12	1.8	<.02	.20	2.4	11	91	443
AUG							
13...	.63	<.02	<.02	.2	<5	71	8.0
AUG							
28-28	3.6	<.02	.70	2.6	21	94	2250
SEP							
14-14	1.5	<.02	.22	3.4	15	78	369

02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT													
23...	1103	3.00	9.0	25	6.9	1.9	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
DEC													
05...	1030	3.10	8.7	23	6.3	1.8	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
DEC													
10-11	0700	--	--	23	6.2	1.8	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
FEB													
06-07	1200	--	--	18	5.0	1.3	<.5	<.5	<1.0	6.1	<2.0	7.2	<2.0
12...	1140	3.51	33	25	6.9	1.9	<.5	<.5	<1.0	<1.0	<2.0	2.8	<2.0
MAR													
12-13	1030	--	--	21	5.7	1.6	<.5	<.5	<1.0	2.2	<2.0	<2.0	<2.0
APR													
17...	1250	3.46	32	25	6.9	1.9	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
JUN													
10...	0935	3.14	18	24	6.8	1.7	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
JUL													
11-12	1930	--	--	25	7.1	1.7	<.5	<.5	<1.0	5.9	<2.0	7.3	<2.0
AUG													
13...	1105	2.60	2.7	23	6.5	1.6	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
AUG													
28-28	0315	--	--	8	2.3	.57	<.5	<.5	<1.0	9.4	<2.0	14	<2.0
SEP													
14-14	0115	--	--	16	4.8	1.0	<.5	<.5	<1.0	5.2	<2.0	6.1	<2.0

Date	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)
OCT					
23...	<2.0	291	--	<2.0	--
DEC					
05...	<2.0	308	309	<2.0	<2.0
DEC					
10-11	<2.0	124	220	<2.0	4.1
FEB					
06-07	11	122	703	3.4	49
12...	<2.0	191	204	2.9	4.8
MAR					
12-13	3.8	103	249	3.4	18
APR					
17...	<2.0	151	168	<2.0	2.3
JUN					
10...	<2.0	277	287	4.4	5.6
JUL					
11-12	16	16	1430	2.2	57
AUG					
13...	<2.0	328	338	<2.0	<2.0
AUG					
28-28	68	160	2330	4.1	111
SEP					
14-14	13	44	854	2.7	43

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

02208177 CEDAR CREEK AT INDIAN SHOALS ROAD, NEAR DACULA, GA

LOCATION.—Lat 33°54'49", long 83°50'45" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Indian Shoals Road, 6.0 miles southeast of Dacula.

DRAINAGE AREA.—3.10 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1994 to current year.

GAGE.--Crest-stage partial-record gage. Datum of gage is 840.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 7.42 feet, October 5, 1995
DISCHARGE: 691 ft^3/s, October 5, 1995

MAXIMUM FOR CURRENT YEAR.—
STAGE: <2.08 feet, Not determined, peak below bottom of gage.
DISCHARGE: <73.0 ft^3/s, Not determined, peak below bottom of gage.

MAXIMUM FOR 1999 WATER YEAR.—(REVISED)
STAGE: <2.08 feet, Not determined, peak below bottom of gage.
DISCHARGE: <73.0 ft^3/s, Not determined, peak below bottom of gage.

MAXIMUM FOR 2000 WATER YEAR.—(REVISED)
STAGE: <2.08 feet, Not determined, peak below bottom of gage.
DISCHARGE: <73.0 ft^3/s, Not determined, peak below bottom of gage.

MAXIMUM FOR 2001 WATER YEAR.—(REVISED)
STAGE: <2.08 feet, Not determined, peak below bottom of gage.
DISCHARGE: <73.0 ft^3/s, Not determined, peak below bottom of gage.

ALTAMAHA RIVER BASIN
2002 Water Year

02208192 BAY CREEK AT SHANNON ROAD, NEAR LOGANVILLE, GA

LOCATION.—Lat 33°52'36", long 83°52'54" (revised) referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Shannon Road, 3.0 miles northeast of Loganville.

DRAINAGE AREA.—6.84 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1995 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 780.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 9.07 feet, October 5, 1995
DISCHARGE: 962 ft^3/s, October 5, 1995

MAXIMUM FOR CURRENT YEAR.—
STAGE: 8.18 feet, May 4
DISCHARGE: 604 ft^3/s, May 4

02208198 ALCOVY RIVER AT NEW HOPE CHURCH ROAD, NEAR MONROE, GA

LOCATION.--Lat $33^{0}50'23"$, Long $83^{0}47'16"$ referenced to North American Datum (NAD) of 1927, Walton County, Hydrologic Unit 03070103, on downstream side of bridge on New Hope Church Road, 6.0 miles east of Loganville, and 1.9 miles north of Between.

DRAINAGE AREA.--81.3 mi^2.

COOPERATION.—Monroe Water, Light, and Gas Commission.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--August 10, 1992 to current water year.

GAGE.--Standard USGS vertical staff gage. Datum of gage 736.00 feet above National Geodetic Vertical Datum (NGVD) of 1929.

RATING.--Rating Number 2, effective September 9, 1992 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/09/01	1.83	22.9
12/10/01	2.18	33.7
02/12/02	2.85	87.7
04/08/02	2.71	80.9
05/29/02	2.10	36.0
08/21/02	1.64	14.9

ALTAMAHA RIVER BASIN
2002 Water Year

02208300 ALCOVY RIVER AT US HIGHWAY 78, NEAR MONROE, GA

LOCATION.--Lat $33^0$48'20", long $83^0$45'34" referenced to North American Datum (NAD) of 1927, Walton County, Hydrologic Unit 03070103, on upstream side of bridge 3.2 miles west of Monroe.

DRAINAGE AREA.--99.0 mi^2.

COOPERATION.—Monroe Water, Light, and Gas Commission.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--August 10, 1992 to current water year.

GAGE.--Standard USGS reference point. Datum of gage 700.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 3, effective November 2000 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/09/01	2.20	18.0
12/10/01	2.51	37.4
02/12/02	3.03	112
04/08/02	2.87	93.6
05/29/02	2.39	37.6
08/21/02	2.11	12.5

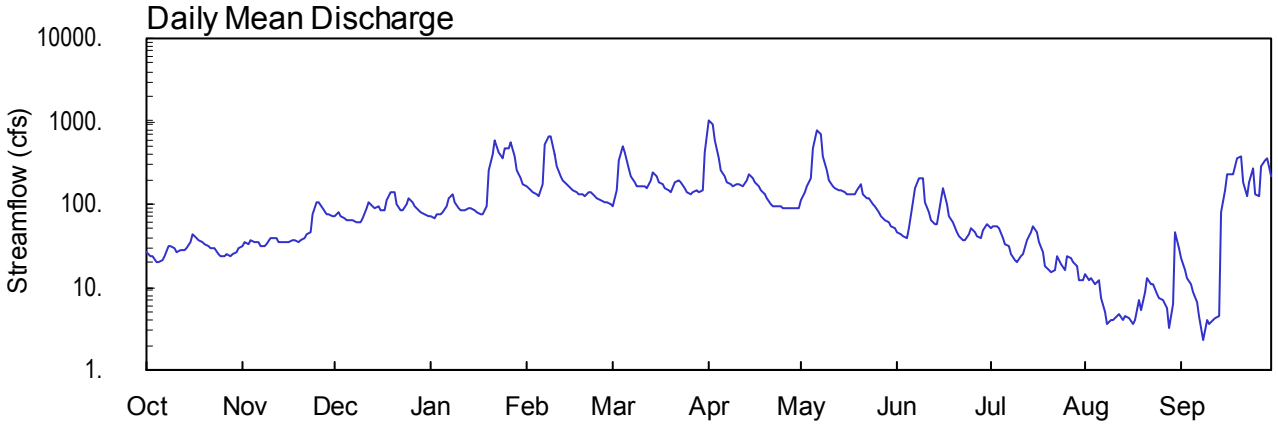
ALTAMAHA RIVER BASIN

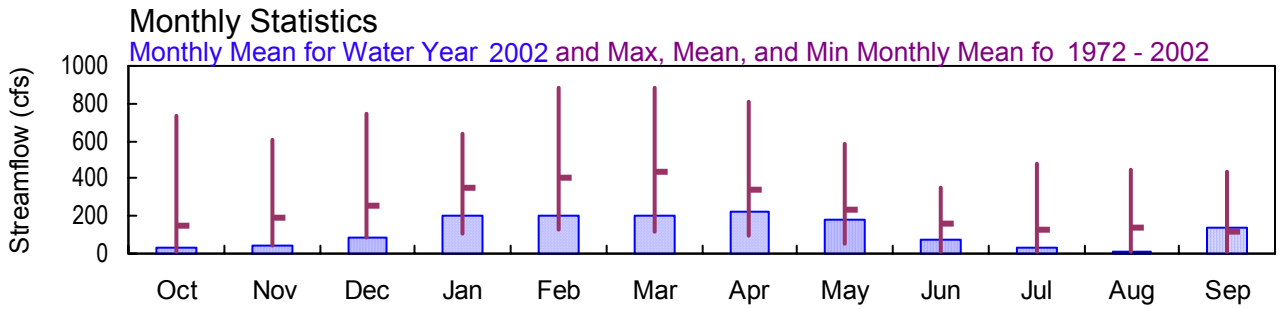
2002 Water Year

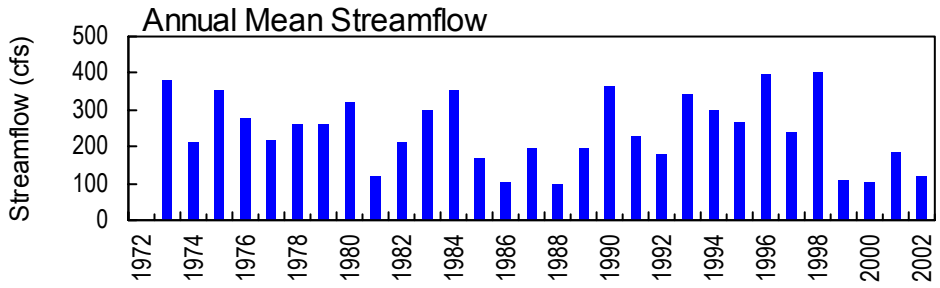
02208450 ALCOVY RIVER ABOVE COVINGTON, GA

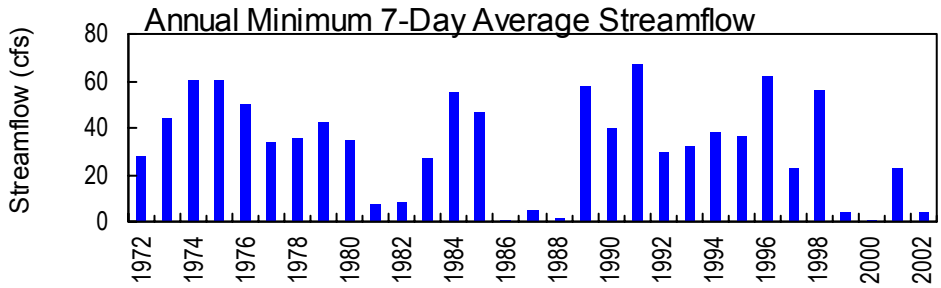
Latitude: 33°38'24" Longitude: 83°46'45" Hydrologic Unit Code: 03070103 Newton County

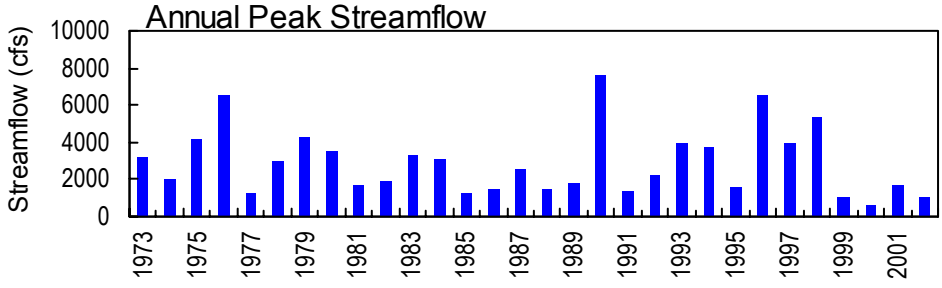
Drainage Area: 185. mi^2 Datum: 646.10 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02208450 ALCOVY RIVER ABOVE COVINGTON, GA

LOCATION.—Lat 33°38'24", long 83°46'45" referenced to North American Datum (NAD) of 1927, Newton County, Hydrologic Unit 03070103, at bridge on Alcovy Road, 200.0 feet downstream from Strouds Creek, 200.0 feet upstream from Georgia Railroad bridge, and 6.0 miles northeast of Covington.

DRAINAGE AREA.—185 mi^2, approximately, includes that of Strouds Creek.

COOPERATION.—City of Covington.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 1972 to current year.

GAGE.—Water-stage recorder. Datum of gage is 646.10 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment). Prior to October 1986, at site 400 feet upstream at same datum.

REMARKS.—Records good, except for periods of missing record which are poor. Discharge affected by diversions for irrigation.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr. 1	1215	1,110*	8.40*

WATER-STAGE RECORDS

PERIOD OF RECORD.—January 1972 to current year.

GAGE.—Water-stage recorder. Datum of gage is 646.10 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment). Prior to October 1986, at site 400 feet upstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.40 feet, April 1; minimum gage-height recorded, 0.33 feet, September 8.

STATION NUMBER 02208450 ALCOVY RIVER ABOVE COVINGTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 217
LATITUDE 333824 LONGITUDE 0834645 NAD27 DRAINAGE AREA 185.00* CONTRIBUTING DRAINAGE AREA 185.00 DATUM 646.10 NGVD29
Date Processed: 2003-03-11 08:49 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	32	73	71	167	94	1030	e110	46	50	14	22
2	24	35	78	69	157	150	944	e140	44	55	12	16
3	23	33	72	74	143	345	602	e165	41	55	13	13
4	20	36	67	77	131	488	364	e210	39	51	11	11
5	20	35	65	80	124	425	263	e460	50	39	12	8.5
6	21	34	64	97	171	268	216	e760	105	33	7.2	6.5
7	24	31	64	120	539	213	188	e690	154	31	5.1	4.5
8	32	32	62	133	673	185	171	e375	210	25	3.6	2.3
9	32	33	62	104	649	168	166	e250	210	21	4.1	4.1
10	29	38	67	92	403	168	177	e190	107	20	4.0	3.6
11	27	40	91	87	283	164	173	e165	79	24	4.4	4.1
12	28	38	103	84	223	157	166	e160	63	25	4.7	4.2
13	28	34	97	90	194	196	195	e150	57	36	4.0	4.5
14	30	35	91	88	171	238	227	e145	57	47	4.5	82
15	34	35	94	83	154	223	205	e140	113	54	4.3	149
16	44	35	84	79	144	185	e180	e135	154	47	3.5	228
17	40	36	84	75	137	170	e165	e130	102	35	4.1	230
18	36	36	112	75	129	160	e150	e130	71	27	7.0	235
19	34	35	141	93	129	151	e135	e150	60	18	5.3	359
20	33	37	136	258	125	140	e115	e170	46	16	8.6	371
21	31	38	101	396	136	181	e100	e135	42	15	13	188
22	30	44	86	602	137	200	e95	e120	36	16	11	122
23	30	46	83	415	125	182	e95	e115	37	23	11	180
24	25	77	99	363	116	152	e94	e100	43	19	8.3	278
25	23	106	117	462	109	138	e92	e95	50	16	7.5	133
26	24	108	106	482	106	134	e91	e80	45	23	7.0	127
27	25	88	93	564	103	143	e91	e70	42	22	5.6	280
28	24	76	84	384	99	150	e90	e65	40	20	3.2	338
29	25	74	80	254	---	136	e90	60	49	18	6.2	352
30	27	73	75	202	---	146	e92	55	59	12	45	220
31	29	---	73	176	---	434	---	50	---	12	29	---
TOTAL	878	1430	2704	6229	5777	6284	6762	5770	2251	905	283.2	3976.3
MEAN	28.3	47.7	87.2	201	206	203	225	186	75.0	29.2	9.14	133
MAX	44	108	141	602	673	488	1030	760	210	55	45	371
MIN	20	31	62	69	99	94	90	50	36	12	3.2	2.3
CFSM	0.15	0.26	0.47	1.09	1.12	1.10	1.22	1.01	0.41	0.16	0.05	0.72
IN.	0.18	0.29	0.54	1.25	1.16	1.26	1.36	1.16	0.45	0.18	0.06	0.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2002, BY WATER YEAR (WY)

MEAN	154	188	257	349	403	441	336	232	164	128	134	120
MAX	731	604	750	643	880	886	804	585	356	483	450	440
(WY)	1996	1996	1984	1996	1998	1975	1973	1980	1975	1994	1994	1994
MIN	7.66	42.4	83.1	102	129	118	100	48.5	7.89	5.91	9.14	11.8
(WY)	1988	1982	1988	1981	1989	1988	1986	2000	1988	1986	2002	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1972 - 2002	
ANNUAL TOTAL	61837		43249.5			
ANNUAL MEAN	169		118		242	
HIGHEST ANNUAL MEAN					400	1998
LOWEST ANNUAL MEAN					99.4	1988
HIGHEST DAILY MEAN	1450	Mar 16	1030	Apr 1	6470	Mar 18 1990
LOWEST DAILY MEAN	20	Oct 4	2.3	Sep 8	0.18	Jul 22 2000
ANNUAL SEVEN-DAY MINIMUM	23	Oct 1	3.9	Sep 7	0.73	Jul 16 1986
MAXIMUM PEAK FLOW			1110	Apr 1	7620	Mar 18 1992
MAXIMUM PEAK STAGE			8.40	Apr 1	14.79	Mar 16 1976
ANNUAL RUNOFF (CFSM)	0.92		0.64		1.31	
ANNUAL RUNOFF (INCHES)	12.43		8.70		17.78	
10 PERCENT EXCEEDS	418		243		499	
50 PERCENT EXCEEDS	101		82		155	
90 PERCENT EXCEEDS	32		12		45	

e Estimated

STATION NUMBER 02208450 ALCOVY RIVER ABOVE COVINGTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 217
LATITUDE 333824 LONGITUDE 0834645 NAD27 DRAINAGE AREA 185.00 CONTRIBUTING DRAINAGE AREA 185.00* DATUM 646.10 NGVD29
Date Processed: 2003-03-11 08:47 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.46	1.62	2.24	2.20	3.41	2.56	8.08	---	1.77	1.93	1.01	1.26
2	1.41	1.68	2.32	2.17	3.30	3.18	7.77	---	1.72	2.03	0.93	1.06
3	1.38	1.64	2.22	2.25	3.15	4.84	6.29	---	1.66	2.02	0.98	0.97
4	1.29	1.71	2.14	2.30	3.01	5.72	4.96	---	1.61	1.95	0.89	0.90
5	1.27	1.70	2.12	2.35	2.94	5.34	4.25	---	1.85	1.69	0.90	0.76
6	1.33	1.66	2.10	2.59	3.39	4.29	3.86	---	2.68	1.58	0.69	0.65
7	1.41	1.59	2.08	2.89	5.98	3.84	3.62	---	3.27	1.51	0.57	0.53
8	1.61	1.62	2.06	3.05	6.65	3.59	3.45	---	3.81	1.37	0.47	0.35
9	1.63	1.65	2.06	2.69	6.53	3.42	3.40	---	3.79	1.25	0.50	0.50
10	1.54	1.77	2.15	2.53	5.21	3.42	3.51	---	2.71	1.23	0.50	0.47
11	1.49	1.81	2.50	2.45	4.40	3.38	3.47	---	2.34	1.33	0.52	0.49
12	1.51	1.76	2.68	2.42	3.92	3.30	3.40	---	2.07	1.35	0.54	0.50
13	1.51	1.66	2.60	2.50	3.67	3.69	3.68	---	1.97	1.62	0.50	0.51
14	1.57	1.69	2.52	2.46	3.45	4.05	3.96	---	1.96	1.88	0.53	2.14
15	1.66	1.68	2.56	2.39	3.28	3.93	---	---	2.80	2.01	0.52	3.19
16	1.88	1.68	2.41	2.34	3.17	3.59	---	---	3.28	1.88	0.45	3.94
17	1.80	1.70	2.41	2.28	3.09	3.44	---	---	2.67	1.61	0.50	3.96
18	1.70	1.71	2.79	2.27	3.00	3.34	---	---	2.25	1.41	0.68	4.00
19	1.67	1.69	3.12	2.51	2.99	3.24	---	---	2.08	1.16	0.58	4.91
20	1.65	1.73	3.07	4.20	2.95	3.12	---	---	1.85	1.06	0.76	4.99
21	1.59	1.76	2.64	5.16	3.08	3.55	---	---	1.77	1.04	0.96	3.57
22	1.58	1.88	2.43	6.31	3.09	3.73	---	---	1.64	1.07	0.86	2.89
23	1.57	1.92	2.39	5.29	2.95	3.55	---	---	1.65	1.29	0.89	3.49
24	1.44	2.40	2.63	4.97	2.83	3.25	---	---	1.80	1.16	0.75	4.34
25	1.38	2.74	2.86	5.57	2.76	3.10	---	---	1.92	1.08	0.71	3.01
26	1.42	2.73	2.71	5.69	2.71	3.06	---	---	1.84	1.31	0.68	2.94
27	1.44	2.46	2.53	6.12	2.67	3.15	---	---	1.77	1.26	0.59	4.34
28	1.41	2.29	2.41	5.08	2.62	3.23	---	---	1.72	1.20	0.42	4.78
29	1.44	2.25	2.35	4.17	---	3.08	---	---	1.92	1.15	0.61	4.88
30	1.48	2.24	2.27	3.74	---	3.18	---	1.94	2.09	0.94	1.82	3.86
31	1.53	---	2.24	3.50	---	5.33	---	1.85	---	0.94	1.45	---
MEAN	1.52	1.88	2.44	3.43	3.58	3.66	---	---	2.21	1.43	0.73	2.47
MAX	1.88	2.74	3.12	6.31	6.65	5.72	---	---	3.81	2.03	1.82	4.99
MIN	1.27	1.59	2.06	2.17	2.62	2.56	---	---	1.61	0.94	0.42	0.35

02210000 JACKSON LAKE (LLOYD SHOALS) NEAR JACKSON, GA

LOCATION.—Lat 33°19'13", long 83°50'20" referenced to North American Datum (NAD) of 1927, Butts County, Hydrologic Unit 03070103, on Ocmulgee River, 1.0 mile upstream from bridge on GA 16, and 7.0 miles east of Jackson.

REMARKS.—Water levels and lake contents are collected by Georgia Power Corporation. Please see the following Internet location for more information:

http://lakes.southernco.com/

or call: 1-888-GPC-LAKE (1-888-472-5253)

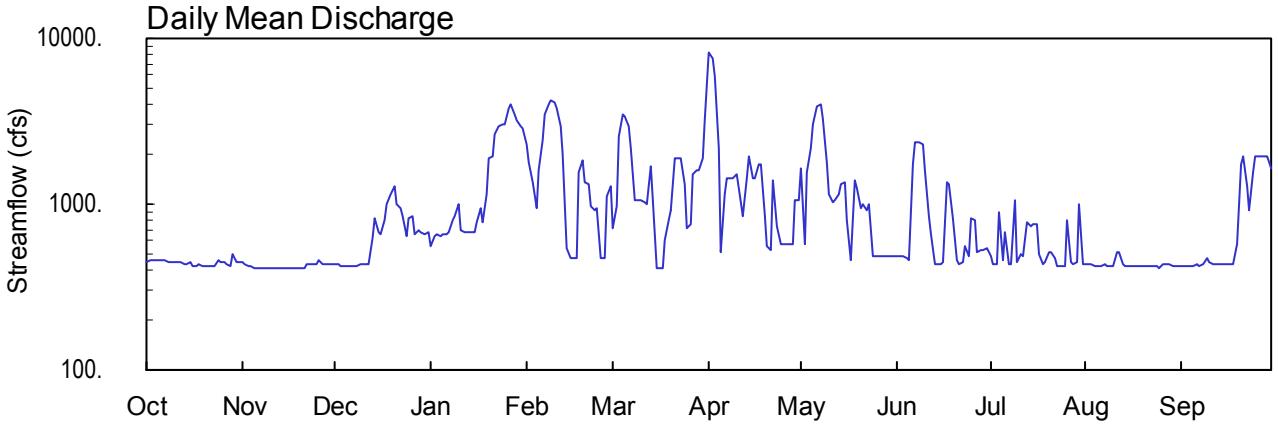
ALTAMAHA RIVER BASIN

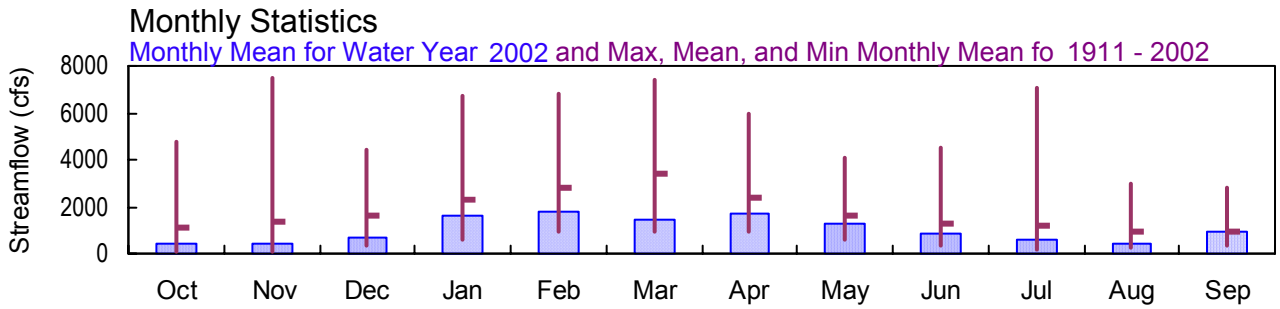
2002 Water Year

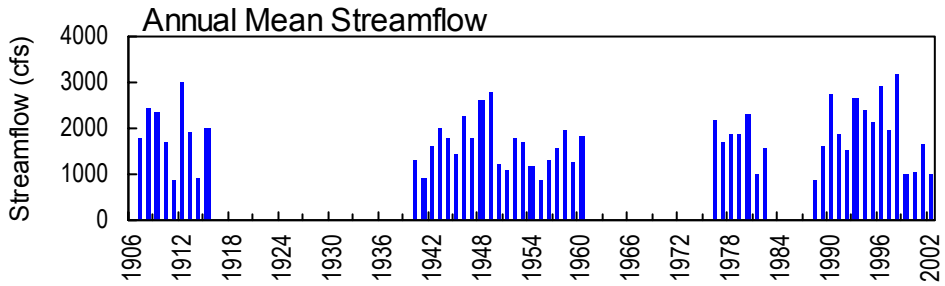
02210500 OCMULGEE RIVER NEAR JACKSON, GA

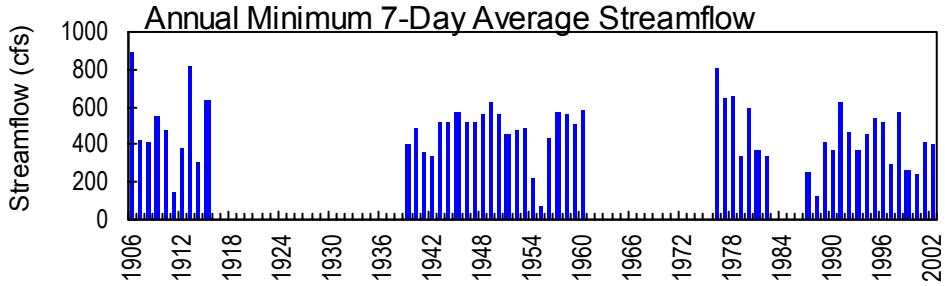
Latitude: 33°18'28" Longitude: 83°50'18" Hydrologic Unit Code: 03070103 Butts County

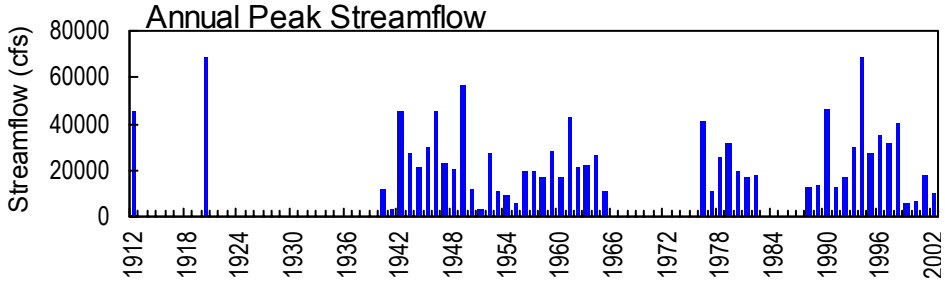
Drainage Area: 1,420. mi^2 Datum: 419.29 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02210500 OCMULGEE RIVER NEAR JACKSON, GA

LOCATION.—Lat 33°18'28", long 83°50'18" referenced to North American Datum (NAD) of 1927, Butts-Jasper County line, Hydrologic Unit 03070103, on right bank 500.0 feet upstream from bridge on GA 16, 0.5 miles upstream from Yellow Water Creek, 1.0 mile downstream from Lloyd Shoals Dam, and 7.0 miles east of Jackson.

DRAINAGE AREA.—1,420 mi^2, approximately.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1906 to September 1915, August 1939 to September 1960, October 1975 to September 1982, March 1987 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 419.29 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to January 1, 1913, staff gages were located at this site. From January 1 to December 31, 1913, a water-stage recorder was located at this site. From January 1, 1914 to December 31, 1915, a staff gage was located at this site. From August 1, 1939 to September 30, 1960 and from October 1, 1975 to September 30, 1982, a water-stage recorder was located at this site. All were at present site and gage datum.

REMARKS.—Records good, except for periods of estimated discharge, which are poor. Flow regulated by Lloyd Shoals Reservoir since November 1910. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum gage-height, 26.8 feet, Dec. 11, 1919, from graph based on gage readings, discharge, 69,000 ft^3/s, by computation of flow over dam.

02210500 OCMULGEE RIVER NEAR JACKSON, GA--continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1906 to September 1915, August 1939 to September 1960, October 1975 to September 1982, March 1987 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 419.29 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to January 1, 1913, staff gages were located at this site. From January 1 to December 31, 1913, a water-stage recorder was located at this site. From January 1, 1914 to December 31, 1915, a staff gage was located at this site. From August 1, 1939 to September 30, 1960 and from October 1, 1975 to September 30, 1982, a water-stage recorder was located at this site. All were at present site and gage datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.69 feet, April 1; minimum gage-height recorded, 3.89 feet, May 16.

PRECIPITATION RECORDS

PERIOD OF RECORD.—December 21, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 035
LATITUDE 331828 LONGITUDE 0835018 NAD27 DRAINAGE AREA 1420.00* CONTRIBUTING DRAINAGE AREA DATUM 419.29 NGVD29
Date Processed: 2003-03-11 08:50 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	453	449	441	552	e2270	726	8330	1630	482	487	433	425
2	460	431	441	642	e1800	983	7510	573	484	441	432	425
3	465	425	428	665	e1350	2600	5850	1550	482	441	431	425
4	465	420	420	639	e950	3440	2160	2190	471	907	429	421
5	465	417	425	651	e1600	3360	507	3000	458	454	425	423
6	464	417	425	666	e2450	2950	1150	3900	1760	673	426	433
7	457	413	425	685	3470	2160	1450	3980	2340	441	430	429
8	452	410	428	806	4000	1060	1440	3340	2350	441	425	435
9	449	410	433	852	4240	1060	1450	1810	2290	1050	425	474
10	449	410	432	992	4130	1050	1500	1150	1600	449	425	453
11	449	406	433	699	3780	1040	1240	1020	837	505	520	441
12	448	407	433	677	2920	997	852	1050	665	483	516	433
13	433	410	629	683	1980	1710	1440	1150	441	789	437	441
14	434	410	827	686	544	1090	1930	1310	441	745	425	432
15	448	410	681	683	473	417	1440	1370	441	753	426	436
16	423	410	660	773	473	417	1440	808	448	757	429	441
17	424	407	805	943	473	417	1720	466	1350	501	425	441
18	432	417	1000	771	1580	602	1750	1390	1320	431	425	441
19	427	417	1160	1140	1860	812	848	1250	830	443	425	580
20	425	414	1280	1910	1340	913	560	944	456	516	425	1760
21	425	412	997	1920	1310	1900	527	1000	441	516	425	1920
22	425	431	955	2650	980	1890	1390	908	442	473	425	1280
23	425	435	837	2990	921	1900	742	988	565	427	421	908
24	454	440	643	3000	956	1320	580	486	487	426	418	1570
25	450	441	821	3010	472	720	580	482	823	426	417	1920
26	442	461	850	3760	469	751	580	488	796	810	437	1940
27	433	433	668	4050	1130	1520	580	490	514	444	438	1950
28	425	433	690	3460	1270	1620	580	482	534	441	433	1950
29	497	434	685	3230	---	1620	1070	482	534	445	426	1940
30	449	440	667	2930	---	1880	1060	482	538	1000	424	1670
31	449	---	685	2850	---	3240	---	482	---	433	425	---
TOTAL	13796	12670	20704	49965	49191	46165	52256	40651	25620	17548	13423	27237
MEAN	445	422	668	1612	1757	1489	1742	1311	854	566	433	908
MAX	497	461	1280	4050	4240	3440	8330	3980	2350	1050	520	1950
MIN	423	406	420	552	469	417	507	466	441	426	417	421
CFSM	0.31	0.30	0.47	1.14	1.24	1.05	1.23	0.92	0.60	0.40	0.30	0.64
IN.	0.36	0.33	0.54	1.31	1.29	1.21	1.37	1.06	0.67	0.46	0.35	0.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2002, BY WATER YEAR (WY)

MEAN	1081	1364	1636	2329	2779	3405	2386	1623	1269	1224	973	923
MAX	4805	7493	4427	6735	6788	7434	5949	4073	4496	7089	3002	2842
(WY)	1996	1949	1993	1946	1998	1952	1979	1980	1912	1994	1994	1994
MIN	119	98.6	370	593	910	906	954	571	308	155	253	299
(WY)	1955	1955	1955	1956	1941	1988	1999	2000	1988	1988	1988	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1911 - 2002	
ANNUAL TOTAL	562184		369226			
ANNUAL MEAN	1540		1012		1748	
HIGHEST ANNUAL MEAN					3165	1998
LOWEST ANNUAL MEAN					866	1955
HIGHEST DAILY MEAN	17200	Mar 16	8330	Apr 1	62900	Jul 6 1994
LOWEST DAILY MEAN	402	Aug 29	406	Nov 11	18	Nov 20 1910
ANNUAL SEVEN-DAY MINIMUM	409	Nov 11	409	Nov 11	75	Nov 19 1954
MAXIMUM PEAK FLOW			10200	Apr 1	68500	Jul 6 1994
MAXIMUM PEAK STAGE			8.69	Apr 1	26.87	Jul 6 1994
ANNUAL RUNOFF (CFSM)	1.08		0.71		1.23	
ANNUAL RUNOFF (INCHES)	14.73		9.67		16.72	
10 PERCENT EXCEEDS	3500		2050		3140	
50 PERCENT EXCEEDS	900		560		1120	
90 PERCENT EXCEEDS	425		425		500	

e Estimated

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 035
LATITUDE 331828 LONGITUDE 0835018 NAD27 DRAINAGE AREA 1420.00* CONTRIBUTING DRAINAGE AREA DATUM 419.29 NGVD29
Date Processed: 2003-03-11 08:50 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.99	3.99	3.98	4.11	---	4.21	7.86	4.81	4.03	4.03	3.97	3.96
2	3.99	3.97	3.98	4.19	---	4.38	7.48	4.13	4.03	3.98	3.97	3.96
3	4.00	3.96	3.96	4.22	---	5.38	6.79	4.75	4.03	3.98	3.97	3.96
4	4.00	3.95	3.95	4.19	---	5.75	5.00	5.19	4.02	4.38	3.97	3.96
5	4.00	3.95	3.96	4.20	---	5.71	4.06	5.56	4.00	4.00	3.96	3.96
6	4.00	3.95	3.96	4.21	---	5.53	4.57	5.96	4.88	4.18	3.96	3.97
7	3.99	3.94	3.96	4.23	5.77	5.12	4.81	5.99	5.26	3.98	3.97	3.97
8	3.98	3.94	3.96	4.34	6.00	4.56	4.81	5.71	5.27	3.98	3.96	3.97
9	3.98	3.94	3.97	4.38	6.11	4.56	4.81	4.92	5.25	4.40	3.96	4.02
10	3.98	3.94	3.97	4.45	6.06	4.55	4.84	4.52	4.86	3.99	3.96	3.99
11	3.98	3.93	3.97	4.24	5.90	4.54	4.66	4.43	4.32	4.06	4.07	3.98
12	3.98	3.94	3.97	4.22	5.51	4.50	4.35	4.45	4.19	4.03	4.07	3.97
13	3.97	3.94	4.16	4.23	5.04	4.94	4.81	4.51	3.98	4.22	3.99	3.98
14	3.97	3.94	4.35	4.23	4.10	4.45	5.05	4.59	3.98	4.19	3.96	3.97
15	3.98	3.94	4.22	4.23	4.02	3.95	4.81	4.63	3.98	4.25	3.96	3.97
16	3.95	3.94	4.19	4.31	4.02	3.95	4.81	4.26	3.99	4.26	3.97	3.98
17	3.96	3.94	4.33	4.44	4.02	3.95	4.96	4.01	4.60	4.05	3.96	3.98
18	3.97	3.95	4.52	4.31	4.75	4.13	4.96	4.62	4.59	3.97	3.96	3.98
19	3.96	3.95	4.62	4.55	4.95	4.35	4.32	4.53	4.26	3.98	3.96	4.11
20	3.96	3.95	4.70	5.07	4.63	4.41	4.12	4.34	4.00	4.07	3.96	4.98
21	3.96	3.94	4.51	5.07	4.59	5.06	4.08	4.40	3.98	4.07	3.96	5.07
22	3.96	3.97	4.47	5.40	4.36	5.06	4.65	4.32	3.98	4.02	3.96	4.60
23	3.96	3.97	4.37	5.55	4.33	5.06	4.29	4.38	4.09	3.96	3.96	4.43
24	3.99	3.98	4.19	5.55	4.35	4.66	4.14	4.03	4.03	3.96	3.95	4.85
25	3.98	3.98	4.35	5.56	4.02	4.27	4.14	4.03	4.27	3.96	3.95	5.07
26	3.98	4.00	4.38	5.89	4.01	4.29	4.14	4.04	4.23	4.26	3.97	5.08
27	3.97	3.97	4.21	6.02	4.49	4.83	4.14	4.04	4.07	3.98	3.98	5.08
28	3.96	3.97	4.24	5.76	4.57	4.89	4.14	4.03	4.09	3.98	3.97	5.08
29	4.02	3.97	4.23	5.66	---	4.89	4.48	4.03	4.09	3.98	3.96	5.08
30	3.99	3.98	4.22	5.51	---	5.01	4.48	4.03	4.09	4.46	3.96	4.90
31	3.99	---	4.23	5.48	---	5.67	---	4.03	---	3.97	3.96	---
MEAN	3.98	3.96	4.20	4.77	---	4.73	4.82	4.56	4.28	4.08	3.97	4.33
MAX	4.02	4.00	4.70	6.02	---	5.75	7.86	5.99	5.27	4.46	4.07	5.08
MIN	3.95	3.93	3.95	4.11	---	3.95	4.06	4.01	3.98	3.96	3.95	3.96

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 035
LATITUDE 331828 LONGITUDE 0835018 NAD27 DRAINAGE AREA 1420.00* CONTRIBUTING DRAINAGE AREA DATUM 419.29 NGVD29
Date Processed: 2003-03-11 08:50 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	---	---	0.00	0.01	0.00	0.06	0.00	0.00
2	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.10	0.00	0.00
3	0.00	0.00	0.00	0.00	---	---	0.36	0.84	0.00	0.04	0.00	0.00
4	0.00	0.00	0.00	0.04	---	---	0.00	0.51	0.52	0.00	0.00	0.00
5	0.05	0.00	0.00	0.23	---	---	0.00	0.00	0.22	0.00	0.00	0.00
6	0.03	0.00	0.00	0.34	---	---	0.00	0.00	0.43	0.00	0.00	0.00
7	0.01	0.00	0.00	0.01	---	---	0.00	0.00	0.00	0.00	0.02	0.00
8	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	---	---	0.74	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.81	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	---	---	0.02	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.01	0.55	---	---	0.11	0.00	0.00	0.01	0.00	0.00
13	0.00	0.00	0.04	0.00	---	---	0.09	0.23	0.00	2.57	0.00	1.66
14	0.10	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.01	0.01	1.10
15	0.00	0.00	0.01	0.00	---	---	0.00	0.00	0.00	0.00	0.24	0.71
16	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.01	0.00
17	0.00	0.00	1.03	0.00	---	---	0.00	0.02	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.01	---	---	0.00	0.49	0.12	0.00	0.04	0.00
19	0.00	0.00	0.00	0.86	---	---	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.01	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.01	0.00	0.11	---	---	0.00	0.00	0.00	0.28	0.00	0.00
22	0.00	0.00	0.00	0.39	---	---	0.00	0.00	0.35	0.19	0.01	0.00
23	0.00	0.41	0.38	0.12	---	---	0.00	0.00	0.05	0.01	0.00	0.00
24	0.00	0.07	0.00	0.45	---	---	0.00	0.00	0.01	0.23	0.00	0.00
25	0.11	0.12	0.00	0.15	---	---	0.06	0.00	0.15	0.05	0.07	0.25
26	0.00	0.00	0.00	0.00	---	---	0.01	0.01	0.07	0.09	1.68	0.70
27	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.02	1.11	0.00	0.16
28	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.06	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.09	0.00	0.01	0.00	0.00	0.00
30	0.00	0.10	0.00	0.00	---	0.61	0.76	0.00	0.61	0.00	0.04	0.00
31	0.00	---	0.00	0.00	---	0.27	---	0.00	---	0.00	0.00	---
TOTAL	0.30	0.72	2.28	3.26	---	---	2.24	2.11	2.62	4.75	2.13	4.58

02211258 TOWALIGA RIVER AT HAMPTON ROAD, NEAR HAMPTON, GA

LOCATION.-- Lat $33^{0}22'34"$, Long $84^{0}13'57"$ referenced to North American Datum (NAD) of 1983, Henry County, Hydrologic Unit 03070103, 3.5 miles east of Hampton, 3.0 miles west of intersection GA Highway 155 on Hampton Road, gage is downstream of bridge and can be reached from right bank.

DRAINAGE AREA.—10.9 mi^2.

COOPERATION.—Henry County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--August 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 720.0 feet above National Geodetic Vertical Datum of 1929 (from topographic map).

RATING.—Rating Number 3, effective October 1, 2001 through September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/03/02	1.12	2.13
02/08/02	1.67	20.3
04/03/02	1.25	8.20
06/07/02	1.16	4.39

ALTAMAHA RIVER BASIN
2002 Water Year

02211270 TROUBLESOME CREEK NEAR GRIFFIN, GA

LOCATION.--Lat 33°18'33", long 84°11'22" referenced to North American Datum (NAD) of 1983, Spalding County, Hydrologic Unit 03070103, on downstream left bank 100 feet below GA Highway 155, 7.0 miles southwest of Interstate 75 at Locust Grove exit 212, 6.2 miles northeast of Griffin.

DRAINAGE AREA.—16.9 mi^2.

COOPERATION.—Henry County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—1954, 1976, 1978, 1980, 1981, August 9, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 670.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 2, effective October 1, 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/03/01	2.00	4.25
02/08/02	2.42	25.4
04/03/02	1.96	12.2
06/07/02	1.60	7.22
08/13/02	1.15	0.92

ALTAMAHA RIVER BASIN
2002 Water Year

02211275 LONG BRANCH AT CR 299, NEAR LUELLA, GA

LOCATION.--Lat 33°20'36", long 84°09'24" referenced to North American Datum (NAD) of 1983, Henry County, Hydrologic Unit 03070103, on CR 299 (Frog Road), 2.6 miles west of Interstate 75, and 1.5 southeast of Luella.

DRAINAGE AREA.—1.80 mi^2.

COOPERATOR.—Henry County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—August 9, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 750.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 02, effective October 1, 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/03/01	1.12	0.55
02/08/02	1.42	2.86
04/03/02	1.33	1.98
06/07/02	1.13	1.08
08/13/02	0.94	0.20

ALTAMAHA RIVER BASIN
2002 Water Year

02211280 INDIAN CREEK AT CR 301, NEAR LOCUST GROVE, GA

LOCATION.--Lat $33^{0}21'44"$, long $84^{0}09'02"$ referenced to North American Datum (NAD) of 1983, Henry County, Hydrologic Unit 03070103, on downstream left bank 70 feet south of CR 301, 2.3 miles northwest of Interstate 75 at Locust Grove exit, 3.3 miles northeast of Luella.

DRAINAGE AREA.—7.30 mi^2.

COOPERATION.—Henry County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—August 9, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 730.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 2, effective October 1, 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/03/01	2.14	2.09
02/08/02	2.16	21.2
04/03/02	1.22	6.34
06/07/02	2.25	6.92
09/30/02	0.69	1.79

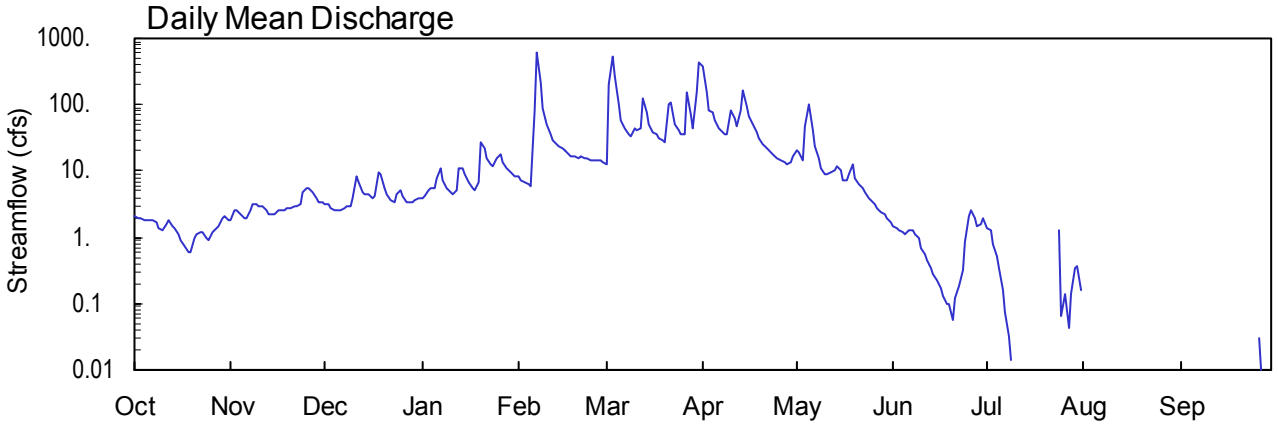
ALTAMAHA RIVER BASIN

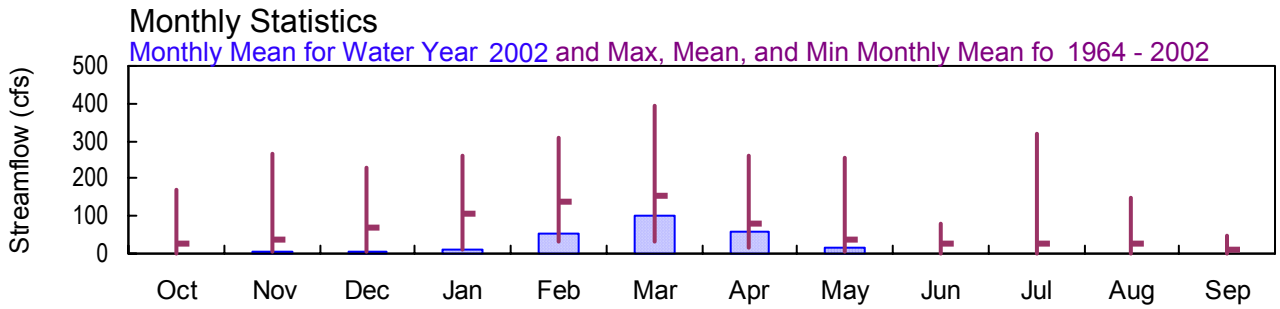
2002 Water Year

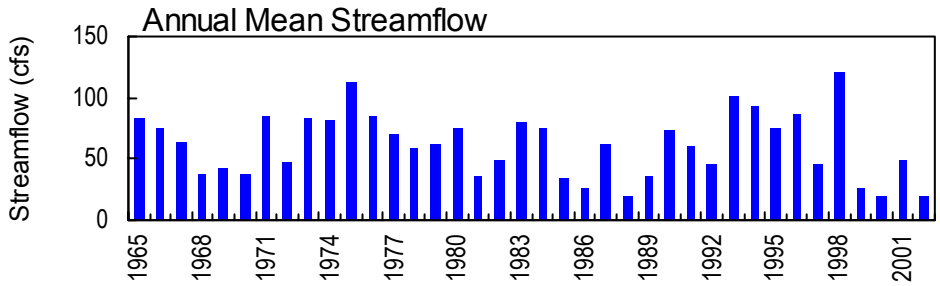
02212600 FALLING CREEK NEAR JULIETTE, GA

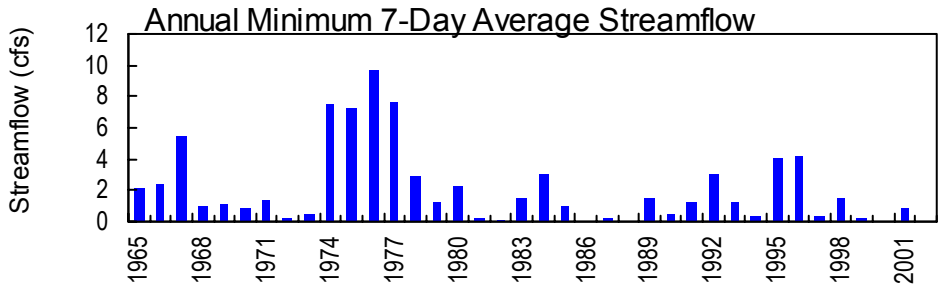
Latitude: 33°05'59" Longitude: 83°43'25" Hydrologic Unit Code: 03070103 Jones County

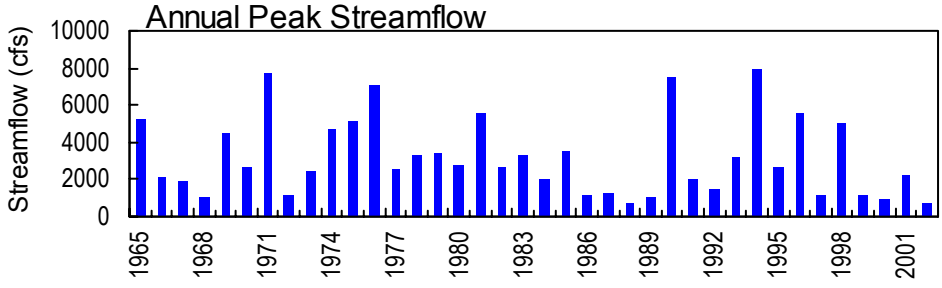
Drainage Area: 72.2 mi^2 Datum: 366.52 feet

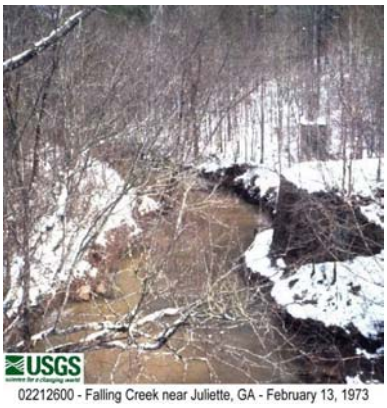












02212600 - Falling Creek near Juliette, GA - February 13, 1973

ALTAMAHA RIVER BASIN
2002 Water Year

02212600 FALLING CREEK NEAR JULIETTE, GA

LOCATION.—Lat 33°05'59", long 83°43'25" referenced to North American Datum (NAD) of 1927, Jones County, Hydrologic Unit 03070103, on left bank 300 feet upstream from bridge on County Road 1432, 4.0 miles upstream from Caney Creek, and 5.1 miles east of Juliette.

DRAINAGE AREA.—72.2 mi^2.

COOPERATION.—USGS National Streamflow Information Program (NSIP).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 1964 to current year.

GAGE.—Water-stage recorder. Datum of gage is 366.52 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by global positioning system equipment).

REMARKS.—Records good, except for discharges between 10.0 ft^3/s and 1.00 ft^3/s, which are fair, and discharges less than 1.00 ft^3/s, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,100 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Feb. 7	0515	788*	8.14*

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1964 to current year.

GAGE.—Water-stage recorder. Datum of gage is 366.52 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by global positioning system equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.14 feet, February 7; minimum gage-height recorded, 0.74 feet, September 12, 13.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02212600 FALLING CREEK NEAR JULIETTE, GA SOURCE AGENCY USGS STATE 13 COUNTY 169
LATITUDE 330559 LONGITUDE 0834325 NAD27 DRAINAGE AREA 72.20* CONTRIBUTING DRAINAGE AREA 72.20 DATUM 366.52 NGVD29
Date Processed: 2003-03-11 09:10 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	1.8	3.1	3.8	8.3	13	376	e20	e1.5	1.4	0.00	0.00
2	1.9	2.5	3.1	4.1	7.5	201	156	e19	e1.4	1.3	0.00	0.00
3	1.9	2.6	2.8	5.2	6.9	538	85	e15	e1.3	0.79	0.00	0.00
4	1.8	2.3	2.6	5.4	6.4	261	78	e48	e1.2	0.51	0.00	0.00
5	1.8	2.0	2.6	5.4	6.1	100	59	e99	e1.1	0.35	0.00	0.00
6	1.8	2.0	2.6	7.6	81	60	43	e42	1.3	0.16	0.00	0.00
7	1.8	2.6	2.7	11	633	44	40	e24	1.3	0.08	0.00	0.00
8	1.7	3.2	2.9	7.2	222	37	35	e16	1.1	0.03	0.00	0.00
9	1.4	3.2	2.9	5.4	87	34	36	e11	0.94	0.01	0.00	0.00
10	1.3	3.0	3.9	4.9	51	45	e85	e9.2	0.68	0.00	0.00	0.00
11	1.6	2.9	8.2	4.6	37	42	e62	e8.8	0.55	0.00	0.00	0.00
12	1.8	2.6	6.6	5.0	30	43	e47	e9.3	0.46	0.00	0.00	0.00
13	1.5	2.3	4.8	11	26	126	e85	e10	0.34	0.00	0.00	0.00
14	1.4	2.2	4.4	11	23	78	e165	e12	0.28	0.00	0.00	0.02
15	1.1	2.3	4.4	9.1	22	50	e92	e10	0.22	0.00	0.00	0.00
16	0.92	2.6	4.0	7.0	20	39	e66	e7.5	0.17	0.00	0.00	0.00
17	0.73	2.5	4.1	5.7	18	35	e50	e7.1	0.13	0.00	0.00	0.00
18	0.60	2.6	9.8	5.2	17	31	e38	e9.0	0.10	0.00	0.00	0.00
19	0.58	2.7	9.2	6.6	17	29	e31	e13	0.10	0.00	0.00	0.00
20	0.99	2.8	5.7	28	16	27	e26	e7.6	0.06	0.00	0.00	0.00
21	1.1	2.9	4.4	22	17	101	e23	e6.2	0.12	0.00	0.00	0.00
22	1.2	2.9	3.6	16	16	109	e21	e5.4	0.18	0.00	0.00	0.00
23	1.2	3.2	3.5	13	16	52	e19	e4.7	0.32	0.00	0.00	0.00
24	0.98	4.8	4.5	12	15	40	e17	e4.0	0.85	1.3	0.00	0.00
25	0.91	5.4	5.0	16	15	36	e16	e3.6	2.1	0.07	0.00	0.00
26	1.2	5.5	4.2	18	15	36	e15	e3.1	2.5	0.14	0.00	0.03
27	1.4	4.9	3.5	14	15	150	e14	e2.7	2.0	0.04	0.00	0.01
28	1.5	3.9	3.3	11	14	70	e13	e2.4	1.5	0.14	0.00	0.00
29	1.9	3.5	3.3	10	---	43	e14	e2.2	1.6	0.34	0.00	0.00
30	2.1	3.3	3.6	8.8	---	152	e17	e1.9	1.9	0.37	0.00	0.00
31	1.8	---	3.8	8.3	---	439	---	e1.7	---	0.16	0.00	---
TOTAL	44.01	91.0	133.1	302.3	1458.2	3061	1824	435.4	27.30	7.19	0.00	0.06
MEAN	1.42	3.03	4.29	9.75	52.1	98.7	60.8	14.0	0.91	0.23	0.000	0.002
MAX	2.1	5.5	9.8	28	633	538	376	99	2.5	1.4	0.00	0.03
MIN	0.58	1.8	2.6	3.8	6.1	13	13	1.7	0.06	0.00	0.00	0.00
CFSM	0.02	0.04	0.06	0.14	0.72	1.37	0.84	0.19	0.01	0.00	0.00	0.00
IN.	0.02	0.05	0.07	0.16	0.75	1.58	0.94	0.22	0.01	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2002, BY WATER YEAR (WY)

MEAN	25.1	35.6	68.8	108	138	154	80.7	39.2	24.0	28.3	25.9	11.6
MAX	170	268	230	259	309	393	262	255	81.5	317	150	47.7
(WY)	1965	1993	1965	1978	1979	1971	1975	1976	1966	1994	1994	1992
MIN	0.51	3.03	4.29	9.75	30.8	34.5	16.5	4.70	0.91	0.10	0.000	0.002
(WY)	1988	2002	2002	2002	1968	1985	1986	2000	2002	2000	2002	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1964 - 2002	
ANNUAL TOTAL	17081.01		7383.56			
ANNUAL MEAN	46.8		20.2		61.3	
HIGHEST ANNUAL MEAN					120	1998
LOWEST ANNUAL MEAN					19.6	1988
HIGHEST DAILY MEAN	1800	Mar 4	633	Feb 7	4940	Jul 6 1994
LOWEST DAILY MEAN	0.58	Oct 19	0.00	Jul 10	0.00	Jul 10 2002
ANNUAL SEVEN-DAY MINIMUM	0.86	Oct 15	0.00	Jul 10	0.00	Jul 10 2002
MAXIMUM PEAK FLOW			788	Feb 7	7920	Jul 5 1994
MAXIMUM PEAK STAGE			8.14	Feb 7	23.25	Jul 5 1994
INSTANTANEOUS LOW FLOW			0.00	Jul 10	0.00	Jul 10 2002
ANNUAL RUNOFF (CFSM)	0.65		0.28		0.85	
ANNUAL RUNOFF (INCHES)	8.80		3.80		11.53	
10 PERCENT EXCEEDS	80		44		112	
50 PERCENT EXCEEDS	8.0		2.9		21	
90 PERCENT EXCEEDS	2.1		0.00		2.8	

e Estimated

STATION NUMBER 02212600 FALLING CREEK NEAR JULIETTE, GA SOURCE AGENCY USGS STATE 13 COUNTY 169
LATITUDE 330559 LONGITUDE 0834325 NAD27 DRAINAGE AREA 72.20 CONTRIBUTING DRAINAGE AREA 72.20* DATUM 366.52 NGVD29
Date Processed: 2003-03-11 09:08 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.21	1.23	1.37	1.42	1.63	1.62	5.07	---	---	1.16	0.94	0.86
2	1.19	1.28	1.37	1.43	1.60	3.46	3.54	---	---	1.15	0.91	0.85
3	1.19	1.29	1.35	1.50	1.57	6.28	2.88	---	---	1.11	0.89	0.84
4	1.19	1.27	1.35	1.50	1.55	4.28	2.80	---	---	1.07	0.88	0.83
5	1.19	1.26	1.35	1.50	1.54	3.04	2.55	---	---	1.05	0.88	0.82
6	1.19	1.26	1.35	1.59	2.34	2.56	2.30	---	---	1.01	0.87	0.81
7	1.19	1.30	1.36	1.71	6.99	2.32	2.24	---	1.15	0.98	0.89	0.80
8	1.18	1.33	1.37	1.58	4.01	2.19	2.16	---	1.14	0.96	0.86	0.79
9	1.17	1.34	1.37	1.50	2.89	2.14	---	---	1.12	0.94	0.85	0.79
10	1.16	1.33	1.43	1.48	2.43	2.33	---	---	1.10	0.93	0.84	0.77
11	1.18	1.33	1.62	1.46	2.18	2.28	---	---	1.08	0.92	0.84	0.76
12	1.19	1.31	1.56	1.48	2.05	2.28	---	---	1.07	0.92	0.84	0.75
13	1.18	1.29	1.48	1.72	1.97	3.30	---	---	1.05	0.92	0.83	0.76
14	1.17	1.28	1.45	1.74	1.90	2.79	---	---	1.04	0.91	0.83	0.87
15	1.14	1.29	1.45	1.66	1.85	2.41	---	---	1.03	0.90	0.83	0.92
16	1.13	1.31	1.43	1.57	1.81	2.23	---	---	1.01	0.90	0.85	0.90
17	1.11	1.31	1.43	1.52	1.77	2.15	---	---	1.00	0.90	0.85	0.89
18	1.10	1.32	1.67	1.50	1.74	2.08	---	---	0.99	0.90	0.84	0.88
19	1.11	1.33	1.66	1.55	1.72	2.03	---	---	0.99	0.91	0.85	0.88
20	1.14	1.33	1.52	2.18	1.71	1.99	---	---	0.98	0.87	0.84	0.90
21	1.15	1.34	1.45	2.06	1.73	2.93	---	---	1.00	0.92	0.83	0.90
22	1.16	1.35	1.41	1.88	1.71	3.12	---	---	1.01	0.91	0.82	0.90
23	1.16	1.37	1.41	1.78	1.69	2.45	---	---	1.04	1.02	0.83	0.90
24	1.15	1.45	1.46	1.76	1.67	2.24	---	---	1.11	1.14	0.82	0.90
25	1.15	1.49	1.49	1.89	1.66	2.17	---	---	1.21	0.97	0.81	0.91
26	1.17	1.49	1.44	1.95	1.67	2.17	---	---	1.24	1.00	0.83	0.92
27	1.19	1.46	1.41	1.82	1.66	3.50	---	---	1.21	0.97	0.87	0.92
28	1.20	1.42	1.39	1.74	1.63	2.69	---	---	1.17	0.99	0.86	0.92
29	1.23	1.40	1.39	1.69	---	2.30	---	---	1.18	1.05	0.86	0.91
30	1.25	1.38	1.41	1.64	---	3.16	---	---	1.20	1.04	0.86	0.91
31	1.23	---	1.42	1.62	---	5.53	---	---	---	1.00	0.86	---
MEAN	1.17	1.34	1.44	1.66	2.10	2.77	---	---	---	0.98	0.85	0.86
MAX	1.25	1.49	1.67	2.18	6.99	6.28	---	---	---	1.16	0.94	0.92
MIN	1.10	1.23	1.35	1.42	1.54	1.62	---	---	---	0.87	0.81	0.75

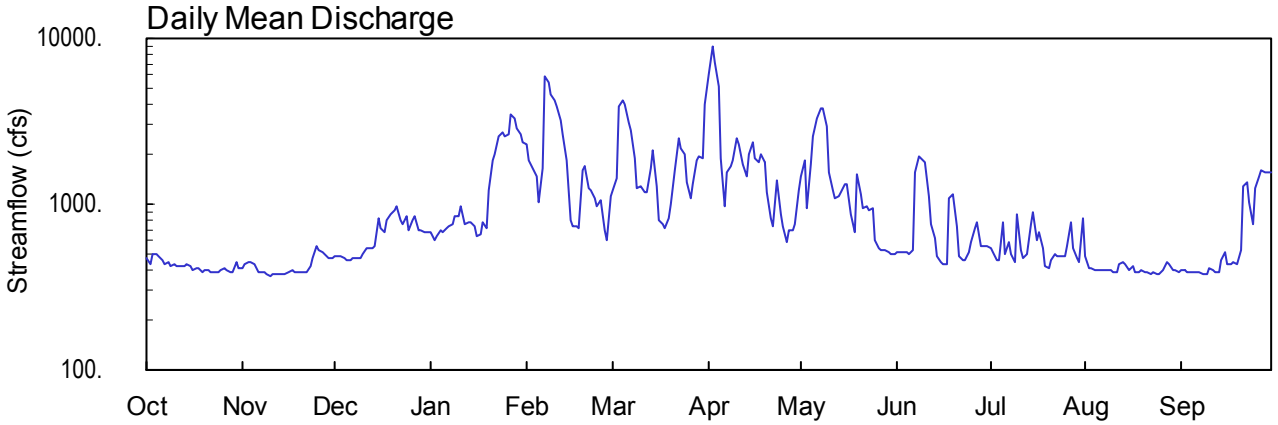
ALTAMAHA RIVER BASIN

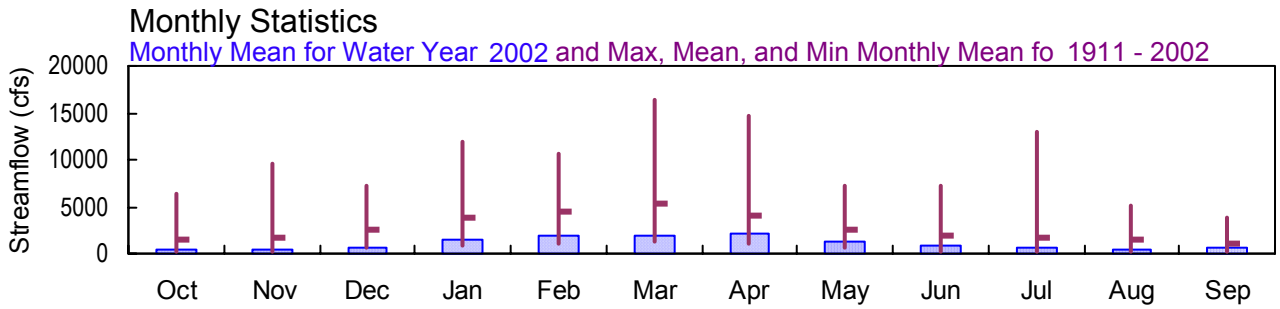
2002 Water Year

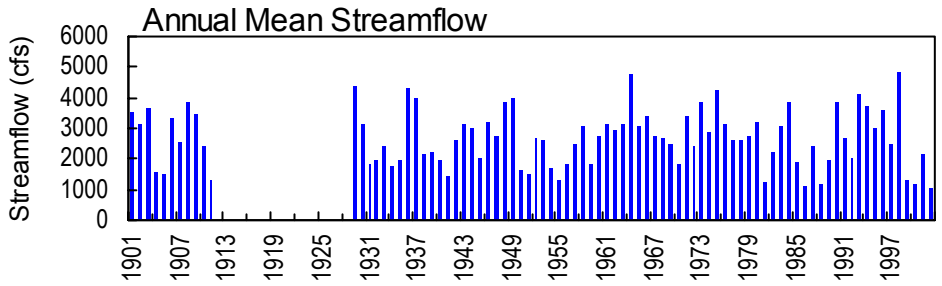
02213000 OCMULGEE RIVER AT MACON, GA

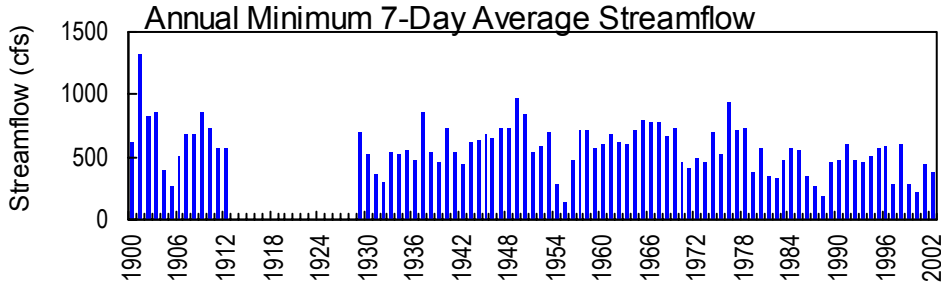
Latitude: 32°50'19" Longitude: 83°37'14" Hydrologic Unit Code: 03070103 Bibb County

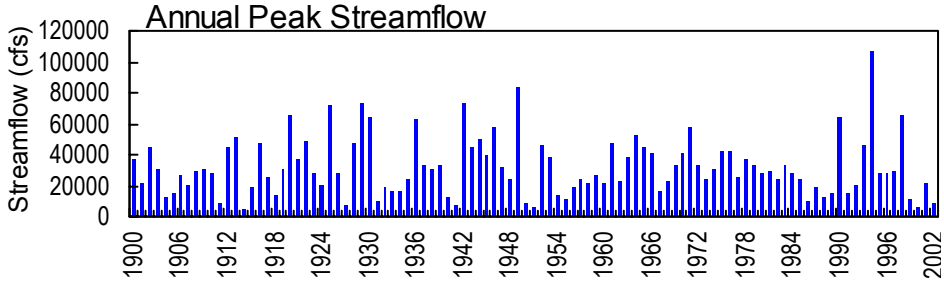
Drainage Area: 2,240. mi^2 Datum: 269.80 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02213000 OCMULGEE RIVER AT MACON, GA

LOCATION.—Lat 32°50'19", long 83°37'14" referenced to North American Datum (NAD) of 1927, Bibb County, Hydrologic Unit 03070103, at downstream end of right pier of Fifth Street Bridge in Macon, 1.5 miles upstream from Walnut Creek, and at mile 198.0.

DRAINAGE AREA.—2,240 mi^2, approximately.

COOPERATION.—City of Macon.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—February 1893 to July 1912, August 1912 to December 1913 (gage-heights and discharge measurements only), October 1928 to current year. Gage-height records collected at same site since 1895 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 822: Drainage area. WSP 1504: 1893-1903, 1905-10, 1932, 1937, 1942(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 269.80 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to October 9, 1905, a non-recording gage was located at site within 1.5 miles downstream at about same datum. From October 9, 1905 to December 31, 1913, a non-recording gage was located at present site and datum. From January 10, 1929 to June 25, 1934, a water-stage recorder was located at a site 500 feet downstream at same datum. From June 25, 1934 to June 25, 1973, a water-stage recorder was located at the present site and datum, and from June 26, 1973 to October 13, 1974, a non-recording gage was located at present site and datum.

REMARKS.—Records good. Flow regulated by Lloyd Shoals Reservoir since November 1910; records of reservoir contents not available prior to October 1929. Records of chemical analyses for the water years 1968-73 are published in reports of the U.S. Geological Survey. Minimum gage-height observed during the period of record was -1.0 feet October 5, 1924, at site and datum then in use. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of January 19, 1925, reached a stage of 26.0 feet, from flood marks at Central of Georgia Railroad bridge, 500 feet downstream, discharge 72,500 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 14,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr. 2	0300	9,630*	16.07*

02213000 OCMULGEE RIVER AT MACON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—February 1893 to July 1912, August 1912 to December 1913 (gage-heights and discharge measurements only), October 1928 to current year. Gage-height records collected at same site since 1895 are contained in reports of National Weather Service.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 269.80 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to October 9, 1905, a non-recording gage was located at site within 1.5 miles downstream at about same datum. From October 9, 1905 to December 31, 1913, a non-recording gage was located at present site and datum. From January 10, 1929 to June 25, 1934, a water-stage recorder was located at a site 500 feet downstream at same datum. From June 25, 1934 to June 25, 1973, a water-stage recorder was located at the present site and datum, and from June 26, 1973 to October 13, 1974, a non-recording gage was located at present site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 16.07 feet, April 2; minimum gage-height recorded, 4.77 feet, August 7, 22, 24-26.

STATION NUMBER 02213000 OCMULGEE RIVER AT MACON, GA SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 325019 LONGITUDE 0833714 NAD83 DRAINAGE AREA 2240.00* CONTRIBUTING DRAINAGE AREA DATUM 269.80 NGVD29
Date Processed: 2003-03-10 09:22 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	470	415	480	687	2280	1220	6020	1470	507	544	490	396
2	438	430	482	604	1820	1440	8910	1840	507	515	408	395
3	493	445	480	650	1670	3850	7120	949	509	466	406	390
4	499	449	470	704	1490	4210	5070	1750	508	462	401	393
5	488	430	457	678	1040	4040	1910	2550	501	772	400	387
6	466	391	466	720	1660	3160	981	3340	527	506	395	385
7	432	390	467	729	5920	2830	1540	3780	1580	585	396	387
8	446	388	470	750	5470	1890	1680	3760	1920	496	402	382
9	422	382	471	839	4650	1240	1830	2940	1860	449	398	384
10	439	365	503	844	4250	1290	2480	1550	1770	881	394	409
11	421	375	540	960	3900	1190	2310	1200	1120	524	392	401
12	421	380	546	752	3250	1190	1760	1080	766	469	432	391
13	426	378	536	782	2650	1630	1480	1120	632	495	453	388
14	430	378	553	776	1840	2090	2010	1180	490	763	435	465
15	426	383	816	734	801	1270	2360	1310	446	894	403	510
16	405	387	722	638	729	807	1910	1320	433	611	429	431
17	413	395	679	657	730	750	1800	878	437	682	390	439
18	411	386	810	787	716	718	2010	680	1080	538	392	451
19	392	391	876	713	1600	827	1770	1500	1150	424	404	431
20	405	389	919	1230	1710	995	1170	1140	745	408	393	532
21	402	388	970	1850	1260	1600	822	948	488	456	387	1300
22	389	385	791	1990	1210	2500	732	979	457	499	381	1350
23	394	425	756	2600	1090	2180	1380	925	456	482	387	1020
24	391	474	840	2730	984	1980	869	941	515	487	384	767
25	405	565	696	2590	1050	1360	733	603	584	482	379	1260
26	408	523	802	2670	697	1090	584	541	724	566	404	1480
27	397	520	837	3470	615	1330	694	533	775	789	442	1600
28	389	490	703	3270	1130	1850	692	523	555	548	432	1570
29	392	479	697	2860	---	1950	754	515	553	474	399	1570
30	447	477	670	2620	---	1900	1230	505	560	442	398	1550
31	417	---	670	2350	---	3960	---	505	---	826	394	---
TOTAL	13174	12653	20175	44234	56212	58337	64611	42855	23155	17535	12600	21814
MEAN	425	422	651	1427	2008	1882	2154	1382	772	566	406	727
MAX	499	565	970	3470	5920	4210	8910	3780	1920	894	490	1600
MIN	389	365	457	604	615	718	584	505	433	408	379	382
CFSM	0.19	0.19	0.29	0.64	0.90	0.84	0.96	0.62	0.34	0.25	0.18	0.32
IN.	0.22	0.21	0.34	0.73	0.93	0.97	1.07	0.71	0.38	0.29	0.21	0.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2002, BY WATER YEAR (WY)

MEAN	1406	1707	2562	3735	4547	5397	4144	2567	1834	1748	1456	1143
MAX	6404	9624	7222	11880	10640	16370	14610	7305	7142	12880	5054	3886
(WY)	1930	1949	1984	1936	1998	1929	1936	1964	1912	1994	1994	1994
MIN	165	186	618	750	1168	1319	972	581	301	214	299	296
(WY)	1955	1955	1955	1981	1938	1988	1986	1986	1988	1988	1988	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1911 - 2002	
ANNUAL TOTAL	739870		387355			
ANNUAL MEAN	2027		1061		2650	
HIGHEST ANNUAL MEAN					4848	1998
LOWEST ANNUAL MEAN					1061	2002
HIGHEST DAILY MEAN	21000	Mar 16	8910	Apr 2	97000	Jul 6 1994
LOWEST DAILY MEAN	365	Nov 10	365	Nov 10	128	Oct 24 1954
ANNUAL SEVEN-DAY MINIMUM	377	Nov 9	377	Nov 9	139	Oct 22 1954
MAXIMUM PEAK FLOW			9630	Apr 2	107000	Jul 6 1994
MAXIMUM PEAK STAGE			16.07	Apr 2	35.40	Jul 6 1994
INSTANTANEOUS LOW FLOW			347	Nov 10	128	Oct 24 1954
ANNUAL RUNOFF (CFSM)	0.90		0.47		1.18	
ANNUAL RUNOFF (INCHES)	12.29		6.43		16.08	
10 PERCENT EXCEEDS	4710		2220		5120	
50 PERCENT EXCEEDS	1170		670		1620	
90 PERCENT EXCEEDS	424		392		650	

STATION NUMBER 02213000 OCMULGEE RIVER AT MACON, GA SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 325019 LONGITUDE 0833714 NAD83 DRAINAGE AREA 2240.00* CONTRIBUTING DRAINAGE AREA DATUM 269.80 NGVD29
Date Processed: 2003-03-10 07:59 By acday
APPROVED
DD #6, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.14	5.01	5.10	5.73	8.80	6.90	13.34	7.37	5.19	5.31	5.13	4.83
2	5.07	5.05	5.11	5.49	8.01	7.26	15.65	8.03	5.19	5.22	4.87	4.83
3	5.19	5.09	5.11	5.63	7.74	11.07	14.46	6.36	5.20	5.06	4.86	4.81
4	5.21	5.10	5.08	5.78	7.41	11.62	12.56	7.83	5.20	5.05	4.85	4.82
5	5.18	5.05	5.03	5.71	6.50	11.43	8.08	9.23	5.17	5.92	4.85	4.80
6	5.13	4.95	5.06	5.83	7.70	10.17	6.43	10.43	5.25	5.19	4.83	4.79
7	5.06	4.95	5.07	5.86	13.32	9.67	7.48	11.08	7.53	5.42	4.83	4.80
8	5.09	4.95	5.07	5.92	12.99	8.11	7.75	11.05	8.19	5.16	4.85	4.78
9	5.03	4.93	5.08	6.11	12.14	6.94	8.02	9.83	8.08	5.01	4.84	4.79
10	5.07	4.89	5.18	6.13	11.69	7.03	9.13	7.48	7.92	6.10	4.83	4.88
11	5.03	4.92	5.30	6.37	11.26	6.84	8.84	6.84	6.68	5.24	4.82	4.85
12	5.03	4.93	5.32	5.92	10.30	6.83	7.89	6.62	5.91	5.07	4.95	4.82
13	5.04	4.92	5.28	6.00	9.37	7.66	7.39	6.69	5.57	5.15	5.02	4.80
14	5.05	4.92	5.33	5.98	8.02	8.47	8.33	6.81	5.14	5.81	4.96	5.05
15	5.04	4.94	6.05	5.87	6.03	6.96	8.93	7.06	5.00	6.11	4.86	5.20
16	4.99	4.95	5.84	5.59	5.86	6.06	8.16	7.06	4.96	5.49	4.94	4.95
17	5.01	4.96	5.71	5.65	5.86	5.92	7.97	6.19	4.97	5.71	4.81	4.97
18	5.00	4.94	6.03	5.98	5.82	5.82	8.34	5.72	6.52	5.29	4.82	5.01
19	4.96	4.95	6.21	5.80	7.59	6.08	7.91	7.34	6.73	4.92	4.86	4.95
20	4.99	4.95	6.29	6.89	7.80	6.45	6.80	6.67	5.86	4.87	4.82	5.24
21	4.98	4.95	6.40	8.07	6.97	7.57	6.09	6.30	5.13	5.03	4.80	7.06
22	4.95	4.93	6.03	8.30	6.88	9.16	5.87	6.39	5.03	5.17	4.78	7.16
23	4.96	5.01	5.92	9.30	6.65	8.62	7.17	6.28	5.03	5.11	4.80	6.44
24	4.95	5.11	6.12	9.52	6.43	8.30	6.19	6.31	5.21	5.13	4.79	5.94
25	4.99	5.37	5.76	9.30	6.56	7.15	5.87	5.49	5.42	5.11	4.78	6.98
26	5.00	5.24	6.03	9.42	5.76	6.65	5.77	5.30	5.81	5.37	4.86	7.39
27	4.97	5.23	6.11	10.63	5.52	7.11	5.76	5.28	5.95	5.94	4.98	7.61
28	4.95	5.14	5.78	10.34	6.71	8.06	5.75	5.25	5.34	5.32	4.95	7.55
29	4.96	5.11	5.76	9.71	---	8.24	5.93	5.22	5.34	5.09	4.84	7.55
30	5.09	5.10	5.69	9.35	---	8.15	6.90	5.19	5.36	4.98	4.84	7.52
31	5.02	---	5.68	8.91	---	11.21	---	5.19	---	6.02	4.83	---
MEAN	5.04	5.02	5.60	7.13	8.06	7.98	8.16	7.03	5.80	5.33	4.87	5.64
MAX	5.21	5.37	6.40	10.63	13.32	11.62	15.65	11.08	8.19	6.11	5.13	7.61
MIN	4.95	4.89	5.03	5.49	5.52	5.82	5.75	5.19	4.96	4.87	4.78	4.78

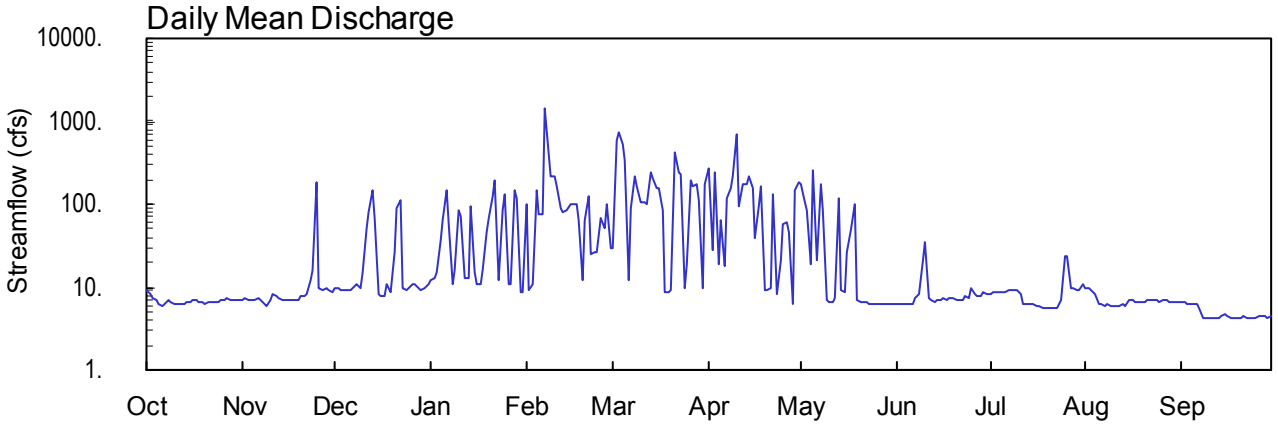
ALTAMAHA RIVER BASIN

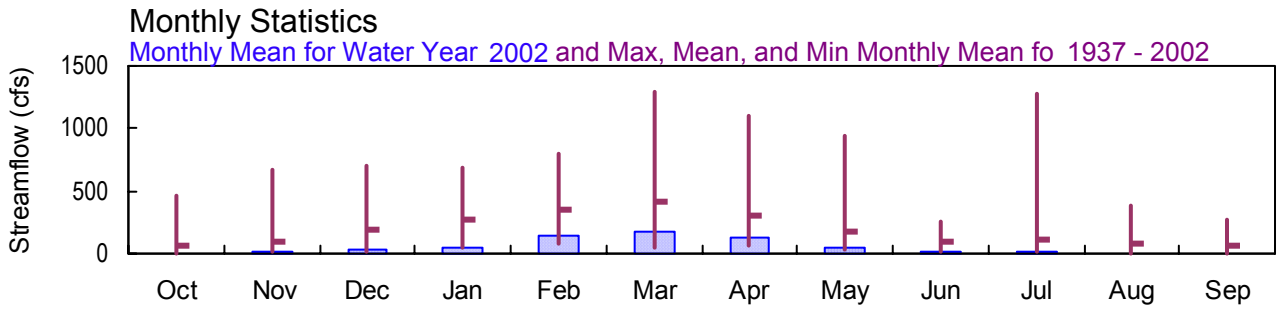
2002 Water Year

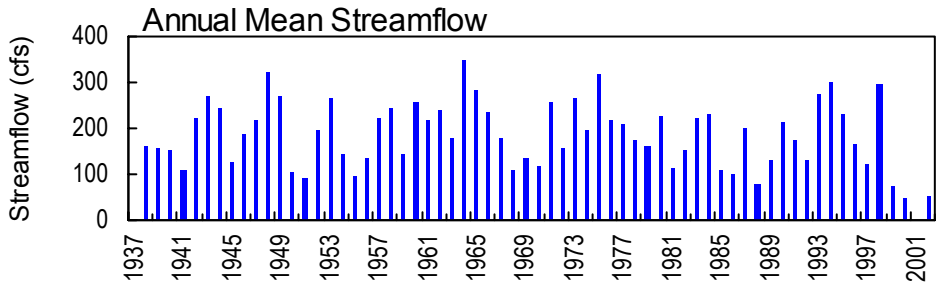
02213500 TOBESOFKEE CREEK NEAR MACON, GA

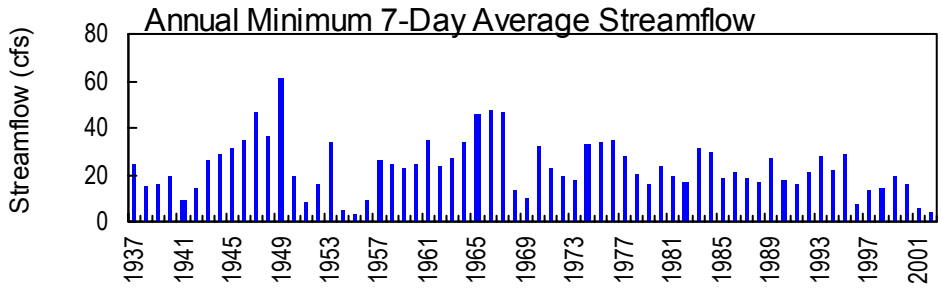
Latitude: 32°48'32" Longitude: 83°45'30" Hydrologic Unit Code: 03070103 Bibb County

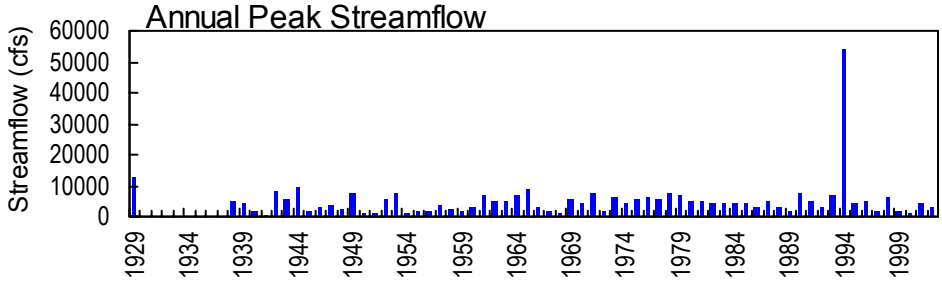
Drainage Area: 182. mi^2 Datum: 309.98 feet











USGS science for a changing world

NO PHOTOS AVAILABLE FOR THIS SITE

ALTAMAHA RIVER BASIN
2002 Water Year

02213500 TOBESOFKEE CREEK NEAR MACON, GA

LOCATION.—Lat 32°48'32", long 83°45'30" referenced to North American Datum (NAD) of 1927, Bibb County, Hydrologic Unit 03070103, on right bank at downstream end of pier of bridge on GA 22 connector, 8.0 miles west of Macon, and 14.0 miles upstream from mouth.

DRAINAGE AREA.—182 mi^2.

COOPERATION.—Bibb County.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1937 to current year.

REVISED RECORDS.—WSP 1204: 1942.

GAGE.—Water-stage recorder. Datum of gage is 309.98 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to August 28, 1942, a non-recording gage was located at same site and datum.

REMARKS.—Records good. Flow regulated to some extent since November 1967 by Lake Tobesofkee about 1.0 mile upstream.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,900 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 7	1245	2,970*	12.25*
Apr. 10	1215	2,060	9.65

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1937 to current year.

GAGE.—Water-stage recorder. Datum of gage is 309.98 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to August 28, 1942, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 12.25 feet, February 7; minimum gage-height recorded, 1.43 feet, September 11-13, 24, 27.

STATION NUMBER 02213500 TOBESOFKEE CREEK NEAR MACON, GA SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324832 LONGITUDE 0834530 NAD83 DRAINAGE AREA 182.00* CONTRIBUTING DRAINAGE AREA DATUM 309.98 NGVD29
Date Processed: 2003-03-10 09:26 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	6.8	9.9	e12	101	30	269	176	6.3	8.3	10	6.6
2	8.3	7.4	9.6	e13	9.0	e600	28	104	6.3	8.5	9.6	6.5
3	7.4	7.1	9.2	e15	e11	727	248	87	6.3	8.8	9.4	6.4
4	6.9	6.9	9.3	e37	e150	524	19	19	6.3	8.6	8.1	6.3
5	6.3	7.0	9.1	63	76	e340	63	261	6.4	8.8	6.3	6.2
6	5.9	7.2	9.0	149	75	e12	18	21	6.3	8.8	6.2	6.2
7	6.4	7.1	9.5	57	1420	88	118	171	7.2	9.1	6.0	5.7
8	7.1	6.2	11	11	399	219	156	85	8.4	9.2	6.2	4.3
9	6.7	6.0	10	16	218	161	220	7.1	21	9.0	6.0	4.2
10	6.4	6.9	e15	83	215	104	715	6.5	34	9.0	5.9	4.3
11	6.2	8.2	e50	70	166	104	93	6.6	7.4	8.4	6.0	4.3
12	6.2	7.6	80	13	88	102	173	7.2	6.8	6.2	e6.0	4.2
13	6.3	7.3	149	13	79	247	170	120	6.7	6.3	6.1	4.3
14	6.5	7.0	67	e95	85	210	223	9.2	6.8	6.2	6.0	4.5
15	6.6	7.0	8.1	e15	98	156	154	8.9	7.1	6.1	6.8	4.8
16	6.8	6.9	7.9	11	100	155	39	26	7.3	5.9	6.9	4.4
17	6.9	6.9	7.8	11	100	84	97	49	7.1	5.8	6.6	4.3
18	6.6	6.9	11	16	63	8.9	164	99	7.2	5.7	6.6	4.3
19	6.5	7.0	8.9	45	12	8.9	9.4	7.0	7.3	5.6	6.7	4.3
20	6.4	7.7	26	68	e64	9.3	9.3	6.6	7.1	5.5	6.7	4.3
21	6.5	e7.9	89	126	123	434	9.7	6.5	7.0	5.5	6.8	4.4
22	6.5	8.2	111	194	25	240	131	6.5	7.1	5.6	6.9	4.3
23	6.5	12	9.6	12	27	232	8.2	6.4	7.7	5.7	6.8	4.3
24	6.7	16	9.4	86	27	e10	21	6.2	7.5	7.1	6.8	4.3
25	6.8	189	10	135	68	19	56	6.1	10	24	6.7	4.3
26	7.1	9.9	11	11	50	191	62	6.1	8.4	23	6.8	4.5
27	7.3	9.3	11	11	e100	167	45	6.2	7.8	10	6.9	4.5
28	7.0	9.6	10	150	e30	172	6.4	6.3	7.8	9.6	6.7	4.4
29	7.1	9.4	9.4	121	---	110	150	6.4	8.6	9.3	6.7	4.3
30	6.9	8.9	10	8.6	---	9.9	184	6.4	8.4	9.2	6.7	4.4
31	6.9	---	11	8.7	---	171	---	6.4	---	11	6.7	---
TOTAL	210.8	421.3	808.7	1676.3	3979.0	5646.0	3659.0	1346.6	259.6	269.8	212.6	144.1
MEAN	6.80	14.0	26.1	54.1	142	182	122	43.4	8.65	8.70	6.86	4.80
MAX	9.1	189	149	194	1420	727	715	261	34	24	10	6.6
MIN	5.9	6.0	7.8	8.6	9.0	8.9	6.4	6.1	6.3	5.5	5.9	4.2
CFSM	0.04	0.08	0.14	0.30	0.78	1.00	0.67	0.24	0.05	0.05	0.04	0.03
IN.	0.04	0.09	0.17	0.34	0.81	1.15	0.75	0.28	0.05	0.06	0.04	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	64.3	103	196	277	353	420	300	168	102	115	84.6	58.3
MAX	459	672	708	690	794	1295	1099	948	249	1271	383	264
(WY)	1965	1949	1965	1964	1961	1944	1964	1953	1957	1994	1994	1953
MIN	5.97	8.28	9.17	43.6	78.7	43.3	57.1	28.5	8.65	8.70	6.86	4.80
(WY)	1955	2001	2001	1956	2000	1981	2000	2000	2002	2002	2002	2002

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	18633.8			
ANNUAL MEAN	51.1		187	
HIGHEST ANNUAL MEAN			349	1964
LOWEST ANNUAL MEAN			46.5	2000
HIGHEST DAILY MEAN	1420	Feb 7	13000	Jul 6 1994
LOWEST DAILY MEAN	4.2	Sep 9	2.5	Oct 9 1954
ANNUAL SEVEN-DAY MINIMUM	4.3	Sep 8	3.1	Oct 3 1954
MAXIMUM PEAK FLOW	2970	Feb 7	54000	Jul 6 1994
MAXIMUM PEAK STAGE	12.25	Feb 7	39.50	Jul 6 1994
INSTANTANEOUS LOW FLOW	3.8	Sep 11	2.3	Oct 10 1954
ANNUAL RUNOFF (CFSM)	0.28		1.03	
ANNUAL RUNOFF (INCHES)	3.81		13.93	
10 PERCENT EXCEEDS	155		364	
50 PERCENT EXCEEDS	8.9		90	
90 PERCENT EXCEEDS	6.0		26	

e Estimated

STATION NUMBER 02213500 TOBESOFKEE CREEK NEAR MACON, GA SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324832 LONGITUDE 0834530 NAD83 DRAINAGE AREA 182.00* CONTRIBUTING DRAINAGE AREA DATUM 309.98 NGVD29
Date Processed: 2003-03-10 08:01 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.60	1.54	1.56	1.61	2.12	1.87	3.10	2.75	1.53	1.58	1.63	1.53
2	1.58	1.56	1.56	1.62	1.54	---	1.84	2.16	1.52	1.59	1.61	1.53
3	1.56	1.55	1.55	1.66	---	4.99	2.92	2.13	1.53	1.59	1.61	1.53
4	1.54	1.54	1.55	---	---	4.27	1.73	1.69	1.53	1.59	1.57	1.53
5	1.52	1.55	1.54	2.06	2.14	---	2.03	3.24	1.53	1.60	1.53	1.52
6	1.51	1.55	1.54	2.77	2.06	---	1.71	1.80	1.53	1.60	1.52	1.52
7	1.53	1.55	1.55	2.03	7.32	2.16	2.40	2.66	1.55	1.60	1.52	1.50
8	1.55	1.52	1.58	1.58	3.78	3.12	2.62	2.05	1.58	1.60	1.52	1.45
9	1.54	1.52	1.57	1.68	3.12	2.82	2.62	1.55	1.78	1.60	1.52	1.45
10	1.53	1.54	---	2.31	3.10	2.52	4.87	1.53	1.95	1.60	1.51	1.45
11	1.52	1.58	---	2.11	2.78	2.52	2.21	1.53	1.56	1.58	1.52	1.45
12	1.52	1.56	2.31	1.62	2.26	2.51	2.72	1.55	1.54	1.52	1.52	1.45
13	1.53	1.55	2.77	1.62	2.35	3.19	2.60	2.28	1.54	1.53	1.52	1.45
14	1.53	1.55	2.06	---	2.39	3.06	3.13	1.61	1.54	1.52	1.52	1.46
15	1.53	1.55	1.52	---	2.48	2.80	2.67	1.60	1.55	1.52	1.54	1.47
16	1.54	1.54	1.51	1.58	2.49	2.79	1.90	1.86	1.55	1.51	1.54	1.45
17	1.54	1.54	1.51	1.58	2.49	2.21	2.29	2.17	1.55	1.51	1.53	1.45
18	1.54	1.54	1.57	1.68	2.13	1.54	2.71	2.36	1.55	1.51	1.54	1.45
19	1.53	1.55	1.54	2.03	1.61	1.54	1.61	1.55	1.56	1.50	1.54	1.45
20	1.53	1.57	1.80	2.26	---	1.55	1.61	1.53	1.55	1.50	1.54	1.45
21	1.53	---	2.38	2.53	2.56	3.48	1.62	1.53	1.55	1.50	1.54	1.45
22	1.53	1.58	2.48	2.81	1.83	2.89	2.31	1.53	1.55	1.50	1.54	1.45
23	1.53	1.66	1.55	1.61	1.86	2.93	1.58	1.53	1.57	1.51	1.54	1.45
24	1.54	1.75	1.55	2.16	1.86	---	1.78	1.52	1.56	1.54	1.54	1.45
25	1.54	2.73	1.57	2.53	2.12	1.72	2.24	1.52	1.61	1.87	1.54	1.45
26	1.55	1.56	1.58	1.59	2.03	2.77	2.29	1.52	1.58	1.84	1.54	1.46
27	1.55	1.55	1.58	1.59	---	2.69	2.07	1.52	1.57	1.63	1.54	1.46
28	1.55	1.55	1.56	2.51	---	2.47	1.53	1.53	1.57	1.61	1.54	1.46
29	1.55	1.55	1.55	2.31	---	2.21	2.48	1.53	1.59	1.61	1.54	1.45
30	1.54	1.54	1.57	1.53	---	1.56	2.80	1.53	1.59	1.61	1.54	1.45
31	1.54	---	1.58	1.53	---	2.63	---	1.53	---	1.64	1.54	---
MEAN	1.54	---	---	---	---	---	2.33	1.82	1.58	1.58	1.54	1.47
MAX	1.60	---	---	---	---	---	4.87	3.24	1.95	1.87	1.63	1.53
MIN	1.51	---	---	---	---	---	1.53	1.52	1.52	1.50	1.51	1.45

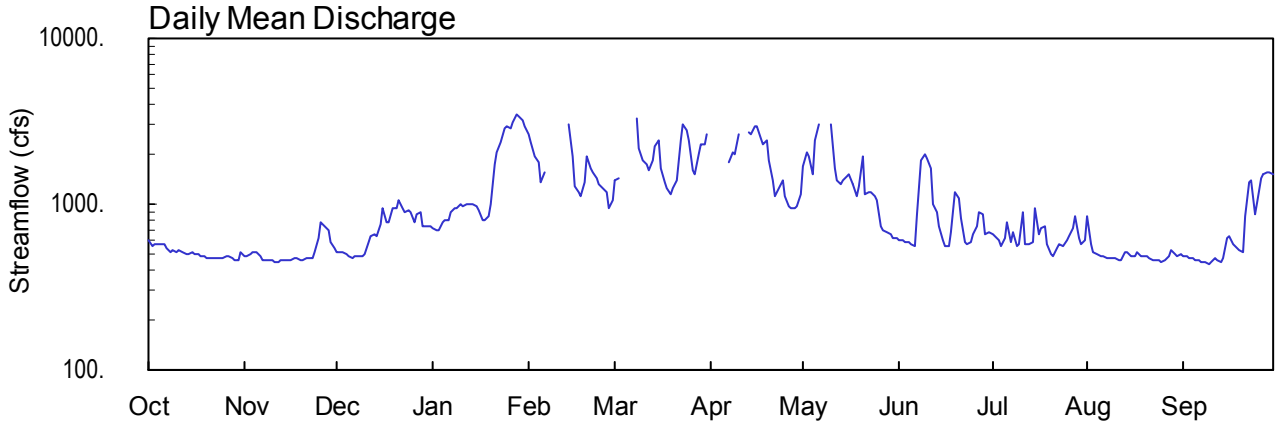
ALTAMAHA RIVER BASIN

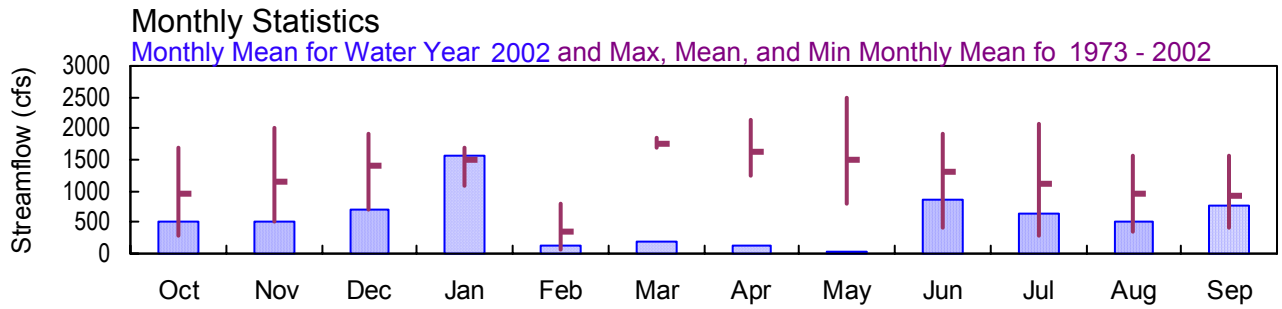
2002 Water Year

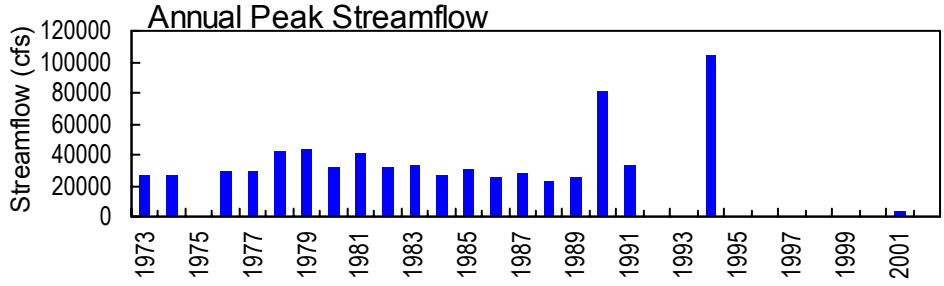
02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA

Latitude: 32°40'17" Longitude: 83°36'11" Hydrologic Unit Code: 03070103 Bibb County

Drainage Area: 2,690. mi^2 Datum: 251.00 feet







ALTAMAHA RIVER BASIN
2002 Water Year

02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA

LOCATION.—Lat 32°40'17", long 83°36'11" referenced to North American Datum (NAD) of 1927, Bibb-Twiggs County line, Hydrologic Unit 03070103, on right bank 0.8 miles upstream from Echeconnee Creek, 4.0 miles northeast of Warner Robins, and 5.7 miles downstream from Tobesofkee Creek.

DRAINAGE AREA.—2,690 mi^2, approximately.

COOPERATION.—Georgia Environmental Protection Division.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1972 to current year, discharge less than 3,600 ft^3/s, only.

GAGE.—Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 244.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair. Flow regulated by Lloyd Shoals Reservoir (See "Lakes and Reservoirs in Altamaha River Basin", station 02210000).

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1972 to current year, discharge less than 3,600 ft^3/s, only.

GAGE.—Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 244.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 14.24 feet, February 9; minimum gage-height, 2.30 feet, September 8.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 14, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00* CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-10 13:29 By acday
IN REVIEW
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	605	486	518	726	2670	1390	---	1700	613	665	844	488
2	563	488	509	690	2350	1440	---	2030	608	646	567	486
3	568	505	508	688	1930	---	---	1930	597	599	516	476
4	582	515	503	774	1810	---	---	1500	587	565	499	470
5	582	515	490	803	1350	---	---	2440	574	631	489	466
6	567	492	477	805	1550	---	---	3000	560	784	485	455
7	550	466	489	891	---	---	1800	---	870	585	471	446
8	519	463	486	950	---	3270	2030	---	1850	679	476	442
9	528	463	488	934	---	2170	1980	---	1990	561	478	438
10	520	454	502	1000	---	1850	2650	3030	1890	573	471	446
11	526	445	596	962	---	1740	---	1670	1660	886	464	471
12	512	452	646	1000	---	1600	---	1410	1010	580	461	457
13	504	456	659	999	---	1830	2750	1320	890	572	513	446
14	502	464	645	1000	3060	2260	2660	1400	738	595	517	470
15	514	463	759	978	1940	2420	2910	1480	605	944	492	622
16	500	461	935	931	1280	1650	2910	1500	565	652	484	639
17	497	467	780	806	1190	1360	2530	1320	553	717	508	568
18	486	468	778	803	1130	1250	2320	1130	677	744	480	560
19	481	462	944	851	1350	1140	2400	1270	1180	567	484	534
20	476	466	933	990	1930	1240	1850	1970	1080	499	487	516
21	478	470	1070	1760	1670	1400	1410	1150	825	491	470	837
22	471	469	944	2080	1540	2450	1110	1170	594	541	456	1370
23	467	467	886	2360	1430	3010	1260	1170	582	568	454	1380
24	471	516	914	2860	1320	2810	1410	1110	584	566	462	860
25	470	628	899	2930	1250	2440	1110	1050	652	611	451	1020
26	487	770	778	2880	1180	1600	975	739	731	633	457	1420
27	481	743	872	3150	937	1510	955	689	892	716	487	1530
28	472	693	892	3500	1050	1990	951	670	866	857	527	1540
29	462	585	746	3390	---	2270	965	651	668	624	495	1540
30	466	540	741	3190	---	2280	1140	629	683	567	491	1530
31	516	---	733	2960	---	2610	---	619	---	612	502	---
TOTAL	15823	15332	22120	48641	---	---	---	---	26174	19830	15438	22923
MEAN	510	511	714	1569	---	---	---	---	872	640	498	764
MAX	605	770	1070	3500	---	---	---	---	1990	944	844	1540
MIN	462	445	477	688	---	---	---	---	553	491	451	438

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2002, BY WATER YEAR (WY)

MEAN	954	1141	1389	1493	---	1766	1618	1512	1294	1125	942	941
MAX	1702	2013	1904	1677	---	1836	2150	2474	1904	2089	1562	1566
(WY)	1978	1976	1978	1989	---	1981	1992	1983	1983	1973	1982	1979
MIN	289	497	714	1070	---	1695	1238	807	407	284	343	408
(WY)	1988	1988	2002	1981	---	1988	1986	1986	1988	1988	1988	1999

SUMMARY STATISTICS WATER YEARS 1973 - 2002

HIGHEST DAILY MEAN	3600	Aug 7 1973
LOWEST DAILY MEAN	227	Oct 18 1987
ANNUAL SEVEN-DAY MINIMUM	248	Jul 26 1988
MAXIMUM PEAK STAGE	21.75	Jul 8 1994
INSTANTANEOUS LOW FLOW	227	Sep 28 1981

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00* CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-10 13:29 By acday
IN REVIEW
DD #6, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.45	2.87	3.26	4.24	10.30	6.62	12.23	7.69	3.49	3.67	4.50	2.60
2	3.25	2.88	3.24	---	9.59	6.78	13.24	8.72	3.47	3.56	3.08	2.58
3	3.27	2.96	3.23	---	8.44	10.57	13.84	8.38	3.41	3.28	2.77	2.52
4	3.35	3.02	3.20	4.43	8.04	13.24	13.78	6.98	3.37	3.07	2.67	2.48
5	3.34	3.02	3.14	4.55	6.46	13.62	13.16	9.80	3.30	3.44	2.60	2.46
6	3.27	2.90	3.07	4.56	7.16	13.26	10.11	10.95	3.23	4.23	2.58	2.40
7	3.19	2.77	3.13	4.89	11.08	12.39	8.00	11.95	4.53	3.19	2.49	2.36
8	3.03	2.75	3.12	5.12	13.58	11.44	8.76	12.23	8.18	3.74	2.52	2.34
9	3.08	2.75	3.13	5.06	14.16	9.09	8.61	12.14	8.65	3.05	2.53	2.32
10	3.04	2.70	3.20	5.31	13.76	8.16	10.23	10.98	8.29	3.10	2.49	2.36
11	3.07	2.65	3.66	5.16	13.28	7.82	11.62	7.55	7.53	4.59	2.45	2.49
12	3.00	2.69	3.89	5.31	12.88	7.35	12.00	6.69	5.19	3.17	2.44	2.42
13	2.96	2.71	3.95	5.30	12.16	8.11	10.46	6.36	4.70	3.12	2.75	2.36
14	2.95	2.75	3.89	5.31	11.06	9.39	10.29	6.65	4.04	3.26	2.78	2.50
15	3.01	2.75	4.36	---	8.39	9.74	10.78	6.92	3.31	4.91	2.62	3.41
16	2.94	2.73	5.06	5.04	6.24	7.49	10.78	6.99	3.08	3.58	2.57	3.51
17	2.92	2.77	4.46	4.56	5.89	6.52	10.02	6.33	3.00	3.94	2.73	3.09
18	2.87	2.77	4.45	4.55	5.64	6.10	9.54	5.65	3.61	4.07	2.54	3.04
19	2.84	2.74	5.09	4.72	6.44	5.71	9.72	6.16	5.86	3.09	2.57	2.88
20	2.82	2.77	5.05	5.23	8.42	6.06	8.15	8.55	5.43	2.67	2.58	2.78
21	2.83	2.78	5.57	7.88	7.57	6.64	6.69	5.72	4.42	2.61	2.49	4.36
22	2.79	2.78	5.09	8.94	7.14	9.76	5.60	5.81	3.25	2.93	2.41	6.54
23	2.77	2.77	4.87	9.62	6.77	10.98	6.12	5.81	3.18	3.09	2.40	6.59
24	2.79	3.02	4.98	10.69	6.35	10.60	6.67	5.60	3.19	3.08	2.44	4.57
25	2.78	3.56	4.92	10.83	6.11	9.79	5.58	5.36	3.59	3.35	2.39	5.22
26	2.87	4.22	4.45	10.72	5.85	7.34	5.06	4.07	4.02	3.48	2.42	6.71
27	2.84	4.13	4.82	11.23	4.90	---	4.98	3.84	4.72	3.93	2.59	7.10
28	2.79	3.96	4.90	11.84	5.33	8.59	4.96	3.76	4.60	4.56	2.85	7.15
29	2.74	3.50	4.32	11.65	---	9.40	5.02	3.67	3.69	3.43	2.64	7.15
30	2.76	3.32	4.30	11.29	---	9.44	5.67	3.57	3.77	3.09	2.62	7.09
31	3.02	---	4.27	10.88	---	10.13	---	3.52	---	3.31	2.68	---
MEAN	2.99	3.00	4.13	---	8.68	---	9.06	7.05	4.47	3.47	2.65	3.85
MAX	3.45	4.22	5.57	---	14.16	---	13.84	12.23	8.65	4.91	4.50	7.15
MIN	2.74	2.65	3.07	---	4.90	---	4.96	3.52	3.00	2.61	2.39	2.32

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00* CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-18 12:44 By bemccall
APPROVED
DD #14, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.03
2	0.01	0.00	0.00	---	0.00	2.22	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	---	0.00	0.22	0.00	0.00	0.00	0.01	0.00	0.00
4	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00
5	0.42	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.01	0.00	0.00	0.28	2.61	0.00	0.00	0.00	0.00	0.62	0.00	0.00
7	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.15	0.14	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.01	0.24	1.16	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	1.02	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
12	0.00	0.00	0.02	0.82	0.00	0.88	0.14	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.14	0.00	0.00	0.01	0.63	0.50	0.00	0.09	0.00	0.67
14	0.03	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.06	0.00	0.03	2.05
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.62
16	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	---	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
18	0.00	0.00	---	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.01	0.01
19	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00
20	0.00	0.01	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21	0.00	0.00	0.00	0.18	0.00	0.79	0.00	0.00	0.00	0.08	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00
23	0.00	0.48	0.15	0.00	0.00	0.00	0.00	0.00	0.02	0.11	0.03	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.02
25	0.00	2.39	0.00	0.22	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.09
26	0.00	0.00	0.00	0.00	0.00	0.25	0.01	0.00	0.00	0.14	3.25	0.28
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
29	0.00	0.00	0.00	0.01	---	0.00	0.59	0.00	0.17	0.00	0.00	0.00
30	0.00	0.01	0.00	0.01	---	0.00	0.55	0.00	0.19	0.72	2.42	0.00
31	0.00	---	0.00	0.00	---	0.36	---	0.00	---	1.94	0.00	---
TOTAL	0.47	2.89	---	---	3.20	5.50	3.37	2.08	1.89	4.13	7.10	3.85

ALTAMAHA RIVER BASIN
2002 Water Year

02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA

LOCATION.—Lat 32°40'17", long 83°36'11" referenced to North American Datum (NAD) of 1927, Bibb-Twiggs County line, Hydrologic Unit 03070103, on right bank 0.8 miles upstream from Echeconnee Creek, 4.0 miles northeast of Warner Robins, and 5.7 miles downstream from Tobesofkee Creek.

DRAINAGE AREA.—2,690 mi^2, approximately.

COOPERATION.—Georgia Environmental Protection Division.

PERIOD OF RECORD.—May 1970 to February 1994, November 1994 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: October 1970 to current year.
pH: October 1971 to current year.
WATER TEMPERATURE: February 1970 to current year.
DISSOLVED OXYGEN: May 1970 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good, except for dissolved oxygen records, which are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 377 microsiemens, October 27, 1987; minimum recorded, 25.0 microsiemens, January 7, 1974.
pH: Maximum recorded, 8.8 units, October 6-8, 1993; minimum recorded, 5.2 units, January 14, 1972.
WATER TEMPERATURE: Maximum recorded, 34.5 °C, August 2, 1999; minimum recorded, 1.0 °C, January 19, 20, 1977.
DISSOLVED OXYGEN: Maximum recorded, 13.6 mg/L, March 15, 1993; minimum recorded, 0.0 mg/L, June 8, 9, 1971.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 283 microsiemens, August 26; minimum, 77 microsiemens, March 24.
pH: Maximum, 7.6 units, on many days during the year; minimum, 6.9 units, February 8, 9.
WATER TEMPERATURE: Maximum, 33.2 °C, July 19; minimum, 4.5 °C, January 5.
DISSOLVED OXYGEN: Maximum, 12.6 mg/L, January 5; minimum, 3.4 mg/L, July 21.

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #3, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	227	168	212	222	213	218	237	224	231	201	189	196
2	234	198	215	236	210	220	235	224	231	---	---	---
3	248	196	227	232	214	221	234	225	231	---	---	---
4	236	205	226	245	199	222	243	220	231	204	186	194
5	237	202	227	235	201	218	238	217	226	192	183	188
6	239	187	214	248	204	222	243	220	231	197	186	194
7	258	223	238	233	207	220	240	219	233	186	177	181
8	264	181	219	257	207	239	231	218	226	184	172	179
9	228	183	217	244	223	237	239	218	229	190	174	182
10	255	184	230	257	214	231	223	216	220	190	177	184
11	250	184	228	254	216	233	237	221	230	190	170	183
12	252	209	233	241	216	233	222	200	216	183	165	173
13	245	214	233	234	224	230	211	200	207	185	179	183
14	258	219	239	234	222	229	213	198	206	190	172	178
15	262	244	254	240	220	232	218	199	210	190	179	184
16	250	238	242	234	207	222	212	203	207	187	180	182
17	247	230	240	245	207	231	215	209	214	187	176	181
18	239	214	226	234	213	220	224	209	216	184	178	180
19	262	214	251	236	219	229	212	183	197	196	177	189
20	267	249	261	---	---	---	203	186	194	193	171	184
21	276	246	264	---	---	---	206	195	200	174	158	161
22	261	234	249	---	---	---	197	191	194	160	157	158
23	269	212	241	---	---	---	201	194	197	163	158	161
24	270	212	251	---	---	---	201	187	193	161	157	159
25	266	241	256	---	---	---	202	188	193	159	155	157
26	242	205	228	---	---	---	212	196	207	155	148	151
27	232	216	225	---	---	---	200	188	191	153	135	144
28	249	226	239	---	---	---	201	186	193	136	129	132
29	247	230	240	232	202	222	200	187	194	129	126	127
30	241	219	228	248	219	232	200	190	194	126	123	124
31	253	219	232	---	---	---	203	191	199	128	124	125
MONTH	276	168	235	257	199	227	243	183	211	204	123	169

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #3, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	127	121	124	145	132	137	109	87	94	138	121	131
2	127	120	124	151	124	130	116	98	107	126	118	121
3	129	126	127	151	87	108	110	98	104	129	117	121
4	129	121	126	87	77	81	100	96	97	135	121	128
5	148	120	129	93	83	88	105	96	99	122	116	118
6	148	129	134	99	93	97	125	105	117	130	114	121
7	129	85	108	113	99	106	130	112	122	121	109	111
8	90	84	86	112	108	109	127	110	118	119	111	116
9	94	86	89	126	110	120	119	108	115	116	110	113
10	103	94	100	132	119	126	120	105	112	122	112	117
11	103	98	101	120	107	116	107	91	101	136	120	129
12	99	96	97	134	107	125	100	91	96	143	126	135
13	104	99	102	134	116	124	120	100	110	154	115	132
14	110	101	106	116	106	112	122	105	115	156	132	143
15	127	110	116	115	105	107	118	101	107	146	119	132
16	141	127	135	128	115	123	116	103	110	136	120	126
17	146	131	138	142	126	132	119	97	105	146	119	129
18	148	137	143	147	141	144	122	105	113	152	132	139
19	149	124	142	153	140	147	125	113	119	157	127	150
20	130	113	124	156	142	150	134	122	129	127	110	116
21	123	110	118	158	140	149	144	130	134	148	119	134
22	128	108	121	140	105	115	161	142	152	148	124	129
23	132	108	121	115	105	109	166	138	156	155	130	134
24	140	126	130	110	102	107	152	128	135	169	140	148
25	144	134	140	120	104	113	153	132	144	169	131	144
26	154	120	136	137	118	130	163	143	149	191	153	177
27	160	153	157	---	---	---	175	150	164	177	151	163
28	163	137	154	145	115	133	183	150	172	188	177	183
29	---	---	---	116	104	109	167	136	146	189	174	180
30	---	---	---	118	109	113	153	126	139	175	159	166
31	---	---	---	120	102	113	---	---	---	200	172	191
MONTH	163	84	122	158	77	119	183	87	123	200	109	138

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #3, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	182	170	175	187	175	182	206	184	190	263	230	248
2	189	170	181	190	176	183	222	199	209	265	251	259
3	181	163	173	199	180	188	226	215	222	270	247	258
4	175	165	172	204	181	194	240	219	226	277	245	261
5	185	153	176	219	186	211	238	218	225	264	248	255
6	189	146	167	197	161	179	224	201	215	266	237	249
7	204	136	178	211	---	---	231	209	220	279	244	265
8	139	125	132	213	178	189	243	231	239	263	243	255
9	130	123	125	200	181	195	241	233	236	275	239	252
10	135	126	130	222	195	203	241	228	236	261	242	255
11	153	133	142	222	174	182	243	227	236	252	233	244
12	182	149	163	209	192	205	241	215	229	278	234	265
13	182	154	160	220	196	209	221	214	219	270	240	256
14	181	160	176	207	194	201	220	204	212	268	232	250
15	208	174	198	216	164	180	226	183	201	236	183	219
16	214	182	206	205	183	194	232	190	224	218	183	208
17	224	180	205	216	181	195	237	218	227	224	189	207
18	221	162	204	205	172	184	253	231	245	233	206	222
19	162	136	151	214	186	199	---	---	---	220	205	212
20	148	129	136	229	214	225	---	---	---	234	220	229
21	158	144	149	233	213	224	---	---	---	248	213	229
22	179	158	171	226	202	217	272	252	263	215	201	206
23	183	177	180	210	196	203	261	252	256	202	182	192
24	197	181	190	213	201	210	268	245	254	202	182	190
25	198	181	189	211	172	192	278	259	270	198	187	193
26	196	158	185	182	166	176	283	237	261	192	173	180
27	180	153	163	205	177	188	279	223	254	178	172	175
28	182	159	165	206	182	188	257	223	240	177	174	175
29	189	164	177	208	191	203	268	241	255	175	166	171
30	184	169	174	214	200	208	269	231	250	167	161	165
31	---	---	---	231	206	221	264	246	258	---	---	---
MONTH	224	123	170	233	161	198	283	183	235	279	161	225
YEAR	283	77	180									

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #5, DCP

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.3	7.2	7.3	7.5	7.3	7.4	7.3	7.3	7.3	7.6	7.6	7.6
2	7.3	7.3	7.3	7.4	7.3	7.3	7.4	7.3	7.3	---	---	---
3	7.4	7.3	7.3	7.4	7.3	7.3	7.4	7.4	7.4	---	---	---
4	7.4	7.3	7.3	7.5	7.3	7.3	7.4	7.4	7.4	7.6	7.5	7.6
5	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.6	7.5	7.6
6	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.4	7.6	7.5	7.5
7	7.4	7.3	7.4	7.3	7.3	7.3	7.4	7.4	7.4	7.6	7.5	7.5
8	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.4	7.5	7.5	7.5
9	7.4	7.3	7.4	7.3	7.2	7.3	7.4	7.4	7.4	7.5	7.5	7.5
10	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.6	7.5	7.6
11	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.4	7.5	7.5	7.5
12	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.5	7.5	7.5
13	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.5	7.4	7.5
14	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4
15	7.5	7.3	7.4	7.3	7.3	7.3	7.3	7.2	7.3	7.5	7.4	7.4
16	7.4	7.3	7.3	7.3	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4
17	7.4	7.3	7.3	7.5	7.2	7.3	7.4	7.3	7.4	7.4	7.3	7.4
18	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.5	7.4	7.4
19	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.5	7.4	7.5
20	7.5	7.3	7.3	---	---	---	7.5	7.4	7.5	7.4	7.3	7.4
21	7.5	7.3	7.4	---	---	---	7.6	7.5	7.6	7.4	7.4	7.4
22	7.3	7.3	7.3	---	---	---	7.6	7.6	7.6	7.4	7.4	7.4
23	7.5	7.3	7.3	---	---	---	7.6	7.5	7.6	7.5	7.4	7.5
24	7.3	7.2	7.3	---	---	---	7.5	7.5	7.5	7.5	7.4	7.4
25	7.3	7.3	7.3	---	---	---	7.6	7.5	7.6	7.4	7.4	7.4
26	7.3	7.3	7.3	---	---	---	7.6	7.6	7.6	7.4	7.4	7.4
27	7.3	7.2	7.3	---	---	---	7.6	7.6	7.6	7.4	7.4	7.4
28	7.4	7.1	7.3	---	---	---	7.6	7.6	7.6	7.4	7.3	7.3
29	7.5	7.3	7.4	7.2	7.2	7.2	7.6	7.5	7.5	7.3	7.3	7.3
30	7.5	7.5	7.5	7.3	7.2	7.3	7.6	7.5	7.6	7.3	7.2	7.3
31	7.5	7.5	7.5	---	---	---	7.6	7.5	7.6	7.2	7.2	7.2
MAX	7.5	7.5	7.5	7.5	7.3	7.4	7.6	7.6	7.6	7.6	7.6	7.6
MIN	7.3	7.1	7.3	7.2	7.2	7.2	7.3	7.2	7.3	7.2	7.2	7.2

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #5, DCP

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.3	7.2	7.3	7.4	7.4	7.4	7.4	7.2	7.2	7.2	7.2	7.2
2	7.3	7.3	7.3	7.4	7.3	7.4	7.2	7.2	7.2	7.2	7.1	7.2
3	7.3	7.3	7.3	7.3	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1
4	7.4	7.3	7.3	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.1	7.2
5	7.3	7.3	7.3	7.2	7.1	7.1	7.2	7.1	7.2	7.3	7.2	7.3
6	7.4	7.3	7.4	7.2	7.2	7.2	7.2	7.1	7.1	7.3	7.2	7.3
7	7.3	7.0	7.3	7.3	7.2	7.2	7.3	7.2	7.2	7.2	7.2	7.2
8	7.0	6.9	7.0	7.3	7.2	7.3	7.3	7.3	7.3	7.2	7.2	7.2
9	7.0	6.9	7.0	7.2	7.2	7.2	7.3	7.3	7.3	7.2	7.1	7.2
10	7.1	7.0	7.1	7.2	7.2	7.2	7.3	7.2	7.3	7.2	7.1	7.1
11	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.1	7.2	7.2	7.1	7.1
12	7.2	7.1	7.1	7.2	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.2
13	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.2	7.2
14	7.2	7.1	7.2	7.3	7.2	7.2	7.2	7.1	7.2	7.3	7.2	7.3
15	7.2	7.1	7.1	7.3	7.2	7.2	7.3	7.2	7.2	7.3	7.2	7.3
16	7.2	7.1	7.1	7.2	7.1	7.1	7.3	7.2	7.2	7.3	7.3	7.3
17	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.2	7.2	7.3	7.2	7.3
18	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.2	7.3
19	7.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.2
20	7.4	7.3	7.3	7.3	7.2	7.3	7.2	7.1	7.1	7.3	7.2	7.3
21	7.3	7.2	7.3	7.3	7.3	7.3	7.1	7.1	7.1	7.3	7.2	7.2
22	7.3	7.2	7.3	7.3	7.3	7.3	7.2	7.1	7.2	7.3	7.3	7.3
23	7.3	7.2	7.2	7.3	7.2	7.2	7.3	7.2	7.2	7.4	7.3	7.3
24	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.3	7.3	7.3
25	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.4	7.3	7.3
26	7.3	7.2	7.3	7.3	7.2	7.3	7.2	7.2	7.2	7.3	7.2	7.3
27	7.3	7.2	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.3	7.2	7.3
28	7.4	7.3	7.3	7.4	7.3	7.4	7.2	7.2	7.2	7.3	7.3	7.3
29	---	---	---	7.4	7.4	7.4	7.3	7.2	7.2	7.3	7.3	7.3
30	---	---	---	7.4	7.4	7.4	7.2	7.2	7.2	7.4	7.3	7.3
31	---	---	---	7.5	7.4	7.4	---	---	---	7.4	7.4	7.4
MAX	7.4	7.3	7.4	7.5	7.4	7.4	7.4	7.3	7.3	7.4	7.4	7.4
MIN	7.0	6.9	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.1	7.1

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #5, DCP

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	7.4	7.4	7.5	7.4	7.4	7.3	7.2	7.2	7.4	7.3	7.4
2	7.4	7.4	7.4	7.5	7.4	7.4	7.2	7.1	7.2	7.4	7.4	7.4
3	7.4	7.4	7.4	7.5	7.4	7.4	7.2	7.1	7.1	7.4	7.4	7.4
4	7.5	7.4	7.4	7.5	7.4	7.4	7.2	7.1	7.1	7.4	7.4	7.4
5	7.5	7.4	7.4	7.5	7.4	7.5	7.2	7.1	7.1	7.4	7.4	7.4
6	7.5	7.4	7.4	7.6	7.4	7.5	7.2	7.1	7.1	7.5	7.4	7.4
7	7.5	7.4	7.5	---	---	---	7.3	7.1	7.1	7.6	7.4	7.5
8	7.4	7.4	7.4	---	---	---	7.3	7.1	7.2	7.6	7.4	7.5
9	7.4	7.4	7.4	---	---	---	7.3	7.1	7.2	7.5	7.4	7.4
10	7.4	7.4	7.4	---	---	---	7.3	7.1	7.2	7.5	7.4	7.5
11	7.4	7.4	7.4	---	---	---	7.3	7.1	7.2	7.5	7.4	7.5
12	7.4	7.4	7.4	7.6	7.3	7.3	7.3	7.1	7.2	7.6	7.4	7.5
13	7.4	7.4	7.4	7.5	7.2	7.3	7.3	7.1	7.2	7.5	7.4	7.5
14	7.4	7.4	7.4	7.6	7.3	7.4	7.2	7.1	7.1	7.5	7.4	7.4
15	7.4	7.4	7.4	7.6	7.3	7.4	7.2	7.1	7.1	7.4	7.2	7.4
16	7.4	7.4	7.4	7.5	7.3	7.3	7.2	7.1	7.1	7.3	7.2	7.2
17	7.4	7.4	7.4	7.5	7.3	7.3	7.2	7.0	7.1	7.3	7.2	7.2
18	7.5	7.4	7.4	7.5	7.3	7.4	7.2	7.0	7.1	7.3	7.3	7.3
19	7.5	7.3	7.4	7.4	7.3	7.3	---	---	---	7.3	7.3	7.3
20	7.4	7.4	7.4	7.5	7.3	7.3	---	---	---	7.4	7.3	7.4
21	7.4	7.4	7.4	7.5	7.3	7.3	---	---	---	7.4	7.4	7.4
22	7.4	7.3	7.3	7.5	7.3	7.3	7.6	7.4	7.5	7.4	7.4	7.4
23	7.4	7.4	7.4	7.3	7.2	7.3	7.5	7.4	7.4	7.4	7.3	7.4
24	7.4	7.3	7.4	7.4	7.2	7.3	7.6	7.4	7.4	7.4	7.3	7.3
25	7.4	7.3	7.3	7.3	7.1	7.2	7.6	7.4	7.5	7.4	7.4	7.4
26	7.4	7.2	7.4	7.2	7.0	7.1	7.6	7.4	7.5	7.4	7.4	7.4
27	7.4	7.2	7.4	7.2	7.1	7.2	7.5	7.4	7.4	7.4	7.4	7.4
28	7.4	7.4	7.4	7.3	7.2	7.2	7.5	7.3	7.4	7.4	7.4	7.4
29	7.4	7.3	7.4	7.3	7.2	7.2	7.5	7.4	7.4	7.4	7.4	7.4
30	7.4	7.4	7.4	7.3	7.2	7.2	7.4	7.4	7.4	7.4	7.4	7.4
31	---	---	---	7.3	7.2	7.2	7.4	7.3	7.4	---	---	---
MAX	7.5	7.4	7.5	7.6	7.4	7.5	7.6	7.4	7.5	7.6	7.4	7.5
MIN	7.4	7.2	7.3	7.2	7.0	7.1	7.2	7.0	7.1	7.3	7.2	7.2

YEAR			
	MAX	MAXIMUM 7.6	MINIMUM 7.0
	MIN	MAXIMUM 7.6	MINIMUM 6.9
	MEDIAN	MAXIMUM 7.6	MINIMUM 7.0

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.5	19.8	20.6	16.9	14.4	15.5	17.8	16.5	17.3	7.8	7.0	7.3
2	21.7	19.7	20.6	17.8	15.9	16.9	16.5	15.2	15.9	---	---	---
3	22.2	20.0	21.0	19.4	17.6	18.4	15.8	14.8	15.2	---	---	---
4	22.7	20.7	21.6	19.9	18.4	19.0	15.2	14.1	14.6	5.5	4.7	5.1
5	22.8	21.4	22.0	19.0	17.6	18.3	15.5	13.9	14.6	5.4	4.5	4.9
6	23.2	22.0	22.6	17.7	16.3	17.1	15.9	14.8	15.3	6.6	5.4	6.1
7	22.0	20.6	21.5	16.8	15.1	15.9	16.6	15.1	15.7	7.2	6.5	6.8
8	20.6	19.1	19.9	16.7	14.9	15.7	16.9	15.5	16.1	6.7	5.9	6.3
9	19.9	18.5	19.1	16.9	15.0	15.9	16.8	15.7	16.1	6.9	5.7	6.2
10	19.6	18.5	19.0	16.8	14.9	15.8	16.0	14.8	15.6	8.3	6.6	7.4
11	20.8	18.8	19.7	16.7	14.8	15.6	14.8	14.1	14.5	9.7	8.1	8.9
12	21.7	20.0	20.8	16.3	14.6	15.3	14.1	13.9	14.0	9.6	9.2	9.4
13	22.7	20.9	21.7	15.8	14.4	15.0	14.6	13.9	14.2	9.5	8.7	9.1
14	23.5	21.8	22.5	15.5	14.5	14.9	15.9	14.6	15.3	8.9	8.4	8.6
15	22.8	21.3	22.0	16.0	14.5	15.2	15.9	15.1	15.6	8.8	8.1	8.4
16	21.8	19.9	20.9	15.6	14.3	14.9	15.1	14.4	14.7	8.8	8.4	8.5
17	19.9	17.9	19.1	15.7	13.8	14.7	15.8	14.6	15.1	8.7	7.9	8.3
18	18.2	16.7	17.4	15.8	14.1	14.8	15.9	15.2	15.6	9.0	8.1	8.6
19	18.4	16.2	17.2	15.6	14.1	14.8	15.2	13.6	14.4	10.8	8.9	9.8
20	19.4	17.1	18.1	---	---	---	13.6	12.4	13.1	11.4	10.4	10.8
21	20.1	17.8	18.8	---	---	---	12.4	11.0	11.7	10.7	9.9	10.3
22	20.9	18.7	19.7	---	---	---	11.0	10.4	10.7	9.9	9.2	9.4
23	21.9	19.8	20.7	---	---	---	11.2	10.4	10.7	10.0	9.4	9.6
24	22.2	20.4	21.2	---	---	---	11.2	10.5	10.9	10.8	9.7	10.3
25	22.4	20.9	21.6	---	---	---	10.5	9.6	10.1	12.0	10.8	11.4
26	20.9	18.5	19.8	---	---	---	9.6	8.1	8.9	11.8	11.0	11.5
27	18.5	15.8	17.2	---	---	---	8.1	7.5	7.8	11.0	10.1	10.7
28	15.8	14.1	15.0	---	---	---	8.0	7.2	7.6	10.8	10.0	10.4
29	14.9	13.0	13.9	18.7	17.6	18.1	9.0	7.6	8.3	12.1	10.8	11.5
30	14.9	12.8	13.8	18.7	17.8	18.3	9.1	8.5	8.8	13.0	11.9	12.4
31	15.2	13.2	14.2	---	---	---	8.5	7.8	8.3	13.7	12.8	13.2
MONTH	23.5	12.8	19.5	19.9	13.8	16.2	17.8	7.2	13.1	13.7	4.5	9.0

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.4	12.9	13.1	9.8	8.8	9.3	17.6	16.5	17.1	22.3	21.1	21.6
2	13.0	12.1	12.5	10.1	9.4	9.7	18.0	16.6	17.4	23.3	21.6	22.5
3	12.1	10.7	11.3	10.3	9.8	10.0	18.6	17.6	18.1	24.3	22.8	23.5
4	10.7	10.0	10.3	9.9	8.7	9.2	18.6	17.8	18.2	24.9	23.9	24.4
5	10.2	9.4	9.9	8.9	8.1	8.5	18.4	17.6	18.0	24.2	21.1	22.8
6	9.4	8.2	8.7	9.8	8.4	9.1	18.3	17.2	17.7	21.3	20.5	21.0
7	8.2	7.6	7.9	11.1	9.5	10.3	18.2	16.9	17.5	22.3	21.3	21.8
8	8.4	7.6	7.9	11.8	10.5	11.2	18.6	17.4	18.0	23.2	22.0	22.7
9	9.6	8.3	8.9	13.5	11.8	12.6	18.7	18.1	18.4	24.0	22.8	23.5
10	10.8	9.6	10.3	14.5	13.5	13.9	18.3	18.0	18.2	25.0	23.7	24.3
11	10.8	10.3	10.6	13.5	12.6	13.0	18.1	18.0	18.1	26.3	24.7	25.4
12	10.3	9.3	9.8	13.7	12.7	13.1	18.6	18.0	18.3	26.5	25.3	25.9
13	9.9	9.3	9.6	13.8	13.1	13.4	19.4	18.6	19.0	26.4	25.6	26.0
14	10.0	8.9	9.5	14.3	13.2	13.7	19.8	18.9	19.4	25.6	23.5	24.7
15	10.7	9.6	10.1	15.6	14.1	14.9	20.9	19.8	20.4	23.7	22.2	22.9
16	11.8	10.6	11.2	17.6	15.6	16.7	22.1	20.7	21.4	24.0	22.2	22.9
17	12.1	11.3	11.7	19.0	17.1	18.0	22.5	21.7	22.2	24.6	22.8	23.7
18	11.7	11.0	11.3	20.3	19.0	19.6	23.4	22.4	22.9	24.2	23.2	24.0
19	11.1	10.4	10.8	21.0	19.8	20.4	23.7	22.9	23.3	23.2	21.2	22.1
20	10.9	10.4	10.7	21.3	20.4	20.8	24.5	23.3	23.9	21.7	20.7	21.3
21	12.0	10.8	11.4	20.8	19.8	20.4	25.6	24.0	24.7	21.9	20.2	21.0
22	12.9	11.7	12.3	19.8	15.7	17.7	25.5	24.7	25.1	21.9	20.2	21.1
23	12.2	11.4	12.0	15.7	13.8	14.4	24.9	23.2	24.1	22.4	20.3	21.3
24	11.8	10.6	11.2	14.8	13.3	14.0	23.8	22.6	23.2	23.3	20.9	22.1
25	12.2	10.9	11.5	16.4	14.8	15.6	24.1	22.8	23.4	24.6	22.3	23.4
26	12.7	11.5	12.0	17.6	16.4	17.1	23.2	22.1	22.7	26.3	23.6	24.8
27	12.2	10.3	11.2	17.9	16.3	17.1	22.2	21.2	21.5	27.4	24.8	26.0
28	10.3	9.0	9.5	17.3	16.3	16.8	22.3	20.5	21.4	27.7	25.4	26.5
29	---	---	---	17.0	16.2	16.6	24.2	21.8	22.9	27.6	25.6	26.6
30	---	---	---	17.2	16.7	17.1	23.7	22.3	22.9	27.6	26.0	26.6
31	---	---	---	17.3	16.6	17.0	---	---	---	28.6	26.1	27.2
MONTH	13.4	7.6	10.6	21.3	8.1	14.6	25.6	16.5	20.6	28.6	20.2	23.7

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.8	27.0	28.2	30.3	27.8	29.0	31.8	30.3	30.9	26.4	25.3	25.8
2	30.5	27.9	29.1	30.9	28.6	29.7	32.0	29.7	30.8	27.8	25.4	26.5
3	31.4	28.8	30.0	31.0	29.1	29.9	32.1	29.8	30.8	28.7	26.4	27.4
4	31.1	29.4	30.1	30.9	28.9	29.8	31.8	29.5	30.6	29.6	26.9	28.1
5	30.6	28.8	29.7	31.6	28.8	30.1	32.2	29.3	30.6	30.3	27.5	28.8
6	30.3	28.6	29.4	32.2	30.2	31.1	32.2	29.6	30.9	30.3	28.1	29.1
7	30.8	29.0	29.8	32.0	30.1	30.9	31.9	30.0	30.8	30.0	28.1	28.9
8	29.4	26.2	27.9	31.0	29.7	30.2	31.3	28.5	29.9	29.3	27.1	28.1
9	26.2	25.0	25.5	31.9	29.0	30.3	30.8	28.1	29.3	29.1	26.6	27.7
10	26.3	25.3	25.7	32.4	29.4	30.8	30.0	27.4	28.6	28.7	26.3	27.5
11	27.2	25.8	26.4	31.0	29.6	30.4	29.8	26.9	28.3	28.6	26.1	27.3
12	28.9	26.5	27.6	29.6	28.1	28.8	30.0	27.0	28.4	29.0	26.9	28.0
13	29.5	27.6	28.5	29.0	27.4	28.2	29.8	27.8	28.7	28.3	26.8	27.6
14	29.3	28.2	28.7	30.0	27.8	28.8	30.3	28.3	29.2	26.9	25.8	26.5
15	29.3	27.1	28.1	30.7	29.1	29.8	30.3	28.6	29.4	26.0	25.5	25.7
16	29.0	26.4	27.5	31.6	29.2	30.3	30.3	28.5	29.3	27.0	25.1	26.0
17	28.6	26.6	27.6	32.2	30.6	31.3	31.0	28.5	29.7	28.4	26.2	27.2
18	28.7	26.9	27.6	32.4	30.9	31.5	32.3	29.1	30.5	29.3	27.5	28.2
19	27.4	26.3	27.0	33.2	30.9	32.0	---	29.7	---	28.2	27.3	27.7
20	28.0	26.2	27.0	33.1	30.7	31.8	---	---	---	28.6	26.8	27.6
21	27.2	26.3	26.9	32.5	30.5	31.3	32.0	---	---	28.7	27.5	27.9
22	26.3	25.6	25.8	31.7	29.9	30.7	32.1	29.5	30.7	27.6	26.8	27.4
23	26.9	25.3	26.0	31.1	30.0	30.4	31.4	29.3	30.4	27.0	26.4	26.7
24	28.7	26.0	27.3	31.5	29.2	30.2	32.5	29.6	30.8	26.4	25.9	26.3
25	29.4	27.6	28.4	30.6	29.0	29.8	32.2	30.0	31.0	25.9	24.1	25.0
26	28.6	27.6	28.2	29.8	28.7	29.3	30.9	28.7	29.9	24.2	23.7	23.9
27	29.5	27.5	28.4	30.4	28.3	29.3	29.1	28.2	28.6	24.9	23.9	24.6
28	29.0	28.2	28.6	31.3	29.6	30.3	28.8	27.5	28.1	24.9	24.5	24.7
29	28.5	27.4	27.9	32.0	29.9	30.8	27.9	26.9	27.4	24.5	24.2	24.4
30	29.2	26.7	27.9	32.4	30.4	31.2	27.0	26.3	26.6	24.6	24.2	24.3
31	---	---	---	32.5	30.0	31.0	26.4	25.8	26.2	---	---	---
MONTH	31.4	25.0	27.9	33.2	27.4	30.3	32.5	25.8	29.5	30.3	23.7	26.8
YEAR	33.2	4.5	20.3									

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #4, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	10.1	9.3	9.7	8.3	7.9	8.0	11.7	11.3	11.5
2	---	---	---	9.9	9.4	9.7	8.6	8.3	8.4	---	---	---
3	8.0	7.9	7.9	9.5	9.2	9.4	8.9	8.6	8.7	---	---	---
4	8.0	7.9	8.0	9.4	9.1	9.3	9.1	8.8	8.9	12.5	12.0	12.3
5	8.0	7.8	7.9	9.6	9.4	9.5	9.1	9.0	9.0	12.6	12.4	12.5
6	7.8	7.6	7.7	9.8	9.4	9.6	9.0	8.8	8.9	12.4	11.9	12.1
7	8.1	7.8	7.9	10.2	9.7	9.9	8.9	8.7	8.7	11.9	11.7	11.8
8	8.6	8.1	8.3	10.1	9.9	10.0	8.7	8.6	8.6	12.0	11.7	11.8
9	8.9	8.5	8.7	10.1	9.4	9.9	8.7	8.5	8.6	12.0	11.9	12.0
10	8.9	8.7	8.8	10.2	9.9	10.0	8.9	8.6	8.7	12.0	11.7	11.8
11	8.8	8.4	8.6	10.1	9.8	9.9	9.1	8.8	8.9	11.7	11.1	11.4
12	8.5	7.9	8.2	10.3	9.9	10.1	9.2	8.9	9.0	11.2	10.8	11.0
13	8.4	7.8	8.1	10.4	9.4	10.2	9.2	9.0	9.1	10.9	10.6	10.8
14	8.0	7.8	7.9	10.5	10.0	10.3	9.0	8.6	8.8	11.1	10.8	11.0
15	---	---	---	10.5	10.2	10.3	8.8	8.5	8.7	11.2	10.8	11.0
16	---	---	---	10.4	10.0	10.3	9.2	8.8	9.1	10.8	10.6	10.7
17	---	---	---	10.8	10.2	10.5	9.2	---	---	10.7	10.5	10.6
18	---	---	---	10.8	9.4	10.7	9.0	8.8	8.9	10.9	10.7	10.8
19	---	---	---	10.8	10.4	10.6	9.4	8.8	9.1	10.8	10.1	10.6
20	---	---	---	---	---	---	9.9	9.4	9.7	10.1	9.6	9.9
21	---	---	---	---	---	---	10.4	9.8	10.2	10.4	9.8	10.2
22	---	---	---	---	---	---	10.6	10.4	10.5	10.8	10.4	10.6
23	---	---	---	---	---	---	10.6	10.3	10.5	10.9	10.6	10.8
24	---	---	---	---	---	---	10.6	10.3	10.4	10.7	10.3	10.5
25	---	---	---	---	---	---	10.9	10.5	10.7	10.3	9.9	10.1
26	---	---	---	---	---	---	11.2	10.7	11.0	10.2	9.9	10.0
27	---	---	---	---	---	---	11.4	11.1	11.3	10.4	10.2	10.3
28	---	---	---	---	---	---	11.6	11.4	11.5	10.4	10.2	10.3
29	---	---	---	7.8	7.6	7.7	11.4	11.1	11.3	10.2	9.8	10.0
30	9.7	9.5	9.6	7.9	7.7	7.8	11.2	11.1	11.2	9.8	9.5	9.7
31	9.8	9.4	9.6	---	---	---	11.3	11.1	11.2	9.5	9.4	9.4
MONTH	9.8	7.6	8.4	10.8	7.6	9.8	11.6	7.9	9.6	12.6	9.4	10.9

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #4, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.5	9.3	9.4	11.9	11.6	11.8	9.4	8.7	8.9	7.7	7.5	7.6
2	9.7	9.5	9.6	11.9	11.3	11.6	8.9	8.4	8.7	7.6	7.5	7.6
3	10.0	9.6	9.8	11.4	11.0	11.3	8.4	8.2	8.3	7.6	6.9	7.2
4	10.5	10.0	10.3	11.3	10.9	11.1	8.5	8.1	8.3	7.4	6.8	6.9
5	10.5	10.2	10.3	12.0	11.3	11.7	8.3	7.8	8.2	8.1	7.4	7.7
6	11.2	10.3	10.9	12.0	11.6	11.8	7.9	7.5	7.7	8.3	8.1	8.2
7	11.5	10.9	11.2	11.6	11.3	11.4	8.6	7.9	8.2	8.2	7.7	7.9
8	10.9	10.7	10.8	11.3	10.8	11.2	8.8	8.6	8.8	7.7	7.5	7.6
9	10.7	10.4	10.5	10.8	10.1	10.3	8.8	8.6	8.6	7.5	7.2	7.5
10	10.4	10.3	10.3	10.1	9.7	9.9	8.7	8.3	8.5	7.2	6.7	7.1
11	10.4	10.2	10.3	10.4	10.1	10.2	8.4	8.0	8.2	6.7	6.5	6.6
12	10.8	10.4	10.6	10.4	10.2	10.3	8.2	7.9	8.0	6.9	6.7	6.8
13	10.8	10.5	10.7	10.2	9.8	10.1	7.9	7.0	7.6	7.0	6.8	6.9
14	10.8	10.7	10.7	10.2	10.1	10.2	8.2	7.7	8.0	7.3	6.8	7.1
15	10.7	9.9	10.3	10.2	9.5	10.0	8.1	7.9	8.0	7.7	7.3	7.5
16	9.9	9.7	9.8	9.5	6.5	8.6	7.9	7.5	7.7	7.8	7.6	7.7
17	9.9	9.7	9.8	8.5	8.2	8.4	7.6	7.4	7.5	7.7	7.0	7.4
18	10.3	9.9	10.1	8.3	8.0	8.1	7.7	7.4	7.5	7.2	6.9	7.1
19	11.2	10.3	10.6	8.0	7.8	7.9	8.1	7.7	8.0	7.6	6.7	7.0
20	11.2	11.0	11.1	8.1	7.8	8.1	7.9	7.2	7.4	7.9	7.6	7.8
21	11.1	10.6	10.8	8.3	7.8	8.2	7.3	7.0	7.2	7.7	6.1	7.5
22	10.6	10.3	10.4	9.6	8.2	9.0	7.0	7.0	7.0	8.1	7.6	8.0
23	10.5	10.2	10.3	10.2	9.6	9.9	7.7	7.0	7.3	8.3	8.0	8.1
24	10.7	10.5	10.7	10.3	10.0	10.2	7.8	7.4	7.6	8.2	7.7	8.0
25	10.9	10.7	10.8	10.0	9.5	9.8	7.7	7.5	7.6	7.9	7.3	7.7
26	10.8	10.2	10.6	9.5	8.0	8.9	7.7	7.5	7.6	7.3	7.0	7.1
27	10.7	10.2	10.4	9.2	8.9	9.1	7.9	7.6	7.8	7.0	6.9	7.0
28	11.6	10.7	11.2	9.7	9.1	9.4	8.0	7.8	7.9	7.0	6.7	6.8
29	---	---	---	9.7	9.4	9.6	7.9	7.5	7.7	6.9	6.7	6.8
30	---	---	---	9.7	9.4	9.4	7.5	6.9	7.3	7.0	6.7	6.9
31	---	---	---	9.6	9.1	9.4	---	---	---	7.0	6.6	6.8
MONTH	11.6	9.3	10.4	12.0	6.5	9.9	9.4	6.9	7.9	8.3	6.1	7.4

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 021
LATITUDE 324017 LONGITUDE 0833611 NAD27 DRAINAGE AREA 2690.00 CONTRIBUTING DRAINAGE AREA DATUM 251.00 NGVD29
Date Processed: 2003-03-13 15:34 By ceoberst
APPROVED
DD #4, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.8	6.6	6.7	7.3	6.9	7.1	7.0	6.5	6.8	7.3	6.9	7.1
2	6.8	6.5	6.6	7.1	6.9	7.0	6.9	6.4	6.6	7.4	7.1	7.2
3	6.7	6.4	6.5	7.1	6.7	6.9	7.1	6.3	6.6	7.4	6.9	7.1
4	6.8	6.3	6.5	7.1	6.7	6.9	7.0	6.4	6.7	7.4	6.8	7.1
5	6.8	6.4	6.6	7.3	6.9	7.1	7.0	6.4	6.6	7.2	6.7	7.0
6	6.9	6.4	6.7	7.3	6.7	7.0	7.0	6.3	6.6	7.4	6.6	7.0
7	6.9	6.4	6.7	7.3	---	---	7.3	6.3	6.7	7.5	6.7	7.0
8	7.2	6.7	7.0	7.8	7.0	7.3	7.4	6.4	6.8	7.7	6.9	7.2
9	7.6	7.2	7.5	7.6	7.1	7.3	7.4	6.5	6.9	7.7	7.0	7.2
10	7.5	7.3	7.4	7.7	7.1	7.4	7.3	6.6	6.9	7.7	6.9	7.2
11	7.4	7.0	7.3	8.0	6.7	7.6	7.2	6.7	6.9	7.6	7.1	7.3
12	7.0	6.6	6.8	7.7	6.2	6.8	7.1	6.6	6.8	7.1	6.6	6.9
13	6.8	6.4	6.6	7.6	6.3	7.0	7.0	6.6	6.8	7.0	6.6	6.7
14	6.5	6.3	6.4	7.8	6.6	7.1	6.8	6.4	6.6	7.1	6.7	6.9
15	6.6	6.3	6.5	---	---	---	6.7	6.1	6.4	7.0	6.6	6.9
16	6.7	6.5	6.6	---	---	---	6.6	6.2	6.4	6.8	6.6	6.7
17	6.7	6.6	6.6	---	---	---	6.5	5.6	6.2	6.7	6.5	6.6
18	6.9	6.6	6.7	---	---	---	6.4	5.7	6.1	6.7	6.4	6.6
19	7.1	6.6	6.9	---	---	---	6.6	6.0	6.3	6.8	6.5	6.6
20	7.2	6.9	7.1	6.7	5.5	6.2	---	---	---	7.0	6.6	6.7
21	7.1	6.9	7.0	7.1	3.4	6.2	---	---	---	6.9	6.6	6.8
22	7.2	6.9	7.0	7.2	6.2	6.6	7.1	6.1	6.5	6.9	6.7	6.8
23	7.3	7.1	7.2	6.7	6.3	6.5	6.8	6.0	6.3	7.0	6.9	6.9
24	7.3	6.8	7.1	7.0	6.2	6.6	6.7	5.9	6.2	6.9	6.7	6.8
25	7.1	6.6	6.8	6.6	5.6	6.3	6.8	5.9	6.2	7.5	6.9	7.2
26	6.9	6.4	6.8	6.4	5.2	5.9	6.7	5.9	6.2	7.6	7.5	7.5
27	7.0	6.4	6.9	6.6	6.1	6.3	6.6	6.0	6.3	7.5	7.3	7.4
28	7.1	6.9	7.0	6.6	6.2	6.4	7.0	5.7	6.4	7.5	7.3	7.4
29	7.1	6.9	7.0	6.3	5.9	6.1	7.2	6.5	6.8	7.6	7.3	7.5
30	7.4	7.0	7.2	6.4	5.9	6.1	7.4	6.6	7.0	7.7	7.6	7.7
31	---	---	---	6.9	5.9	6.2	7.1	6.9	7.0	---	---	---
MONTH	7.6	6.3	6.9	8.0	3.4	6.7	7.4	5.6	6.6	7.7	6.4	7.0
YEAR	12.6	3.4	8.4									

ALTAMAHA RIVER BASIN
2002 Water Year

02214280 SAVAGE CREEK AT US 23, NEAR BULLARD, GA

LOCATION.—Lat 32°35'34", long 83°28'11", Twiggs County, Hydrologic Unit 03070104, at US 23, 3.0 miles southeast of Bullard.

DRAINAGE AREA.—33.0 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1979 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 264.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 11.49 feet, March 13, 1980
DISCHARGE: 2,700 ft^3/s, March 13, 1980

MAXIMUM FOR CURRENT YEAR.—
STAGE: 7.84 feet, September 15
DISCHARGE: 296 ft^3/s, September 15

ALTAMAHA RIVER BASIN
2002 Water Year

02214820 MOSSY CREEK AT US 41, NEAR PERRY, GA

LOCATION.—Lat 32°31'15", long 83°43'23" referenced to North American Datum (NAD) of 1927, Houston County, Hydrologic Unit 03070104, at US 41, 4.5 miles north of Perry.

DRAINAGE AREA.—92.9 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1979 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 300.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 19.86 feet, July 6, 1994
DISCHARGE: 24,000 ft^3/s, July 6, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: 5.07 feet, March 3
DISCHARGE: 215 ft^3/s, March 3

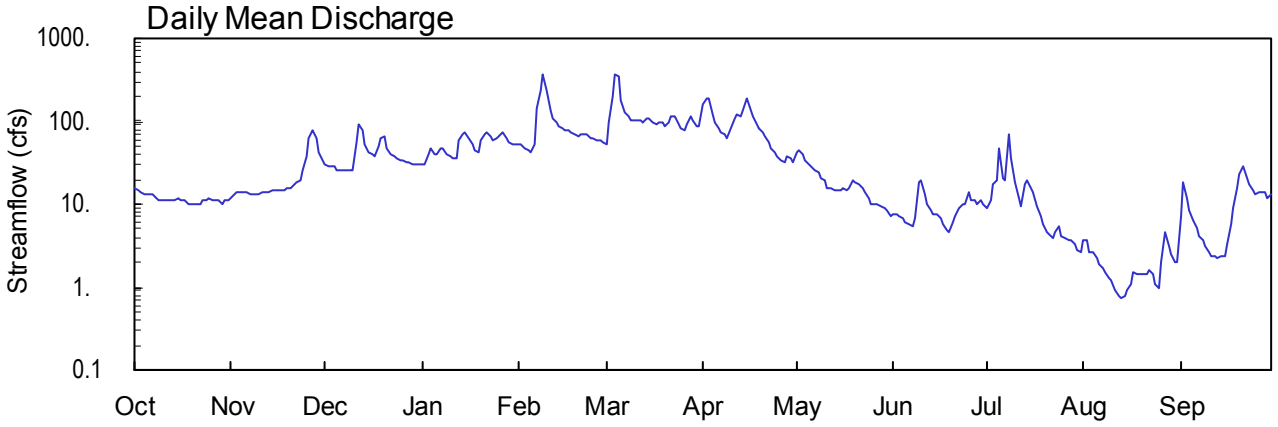
ALTAMAHA RIVER BASIN

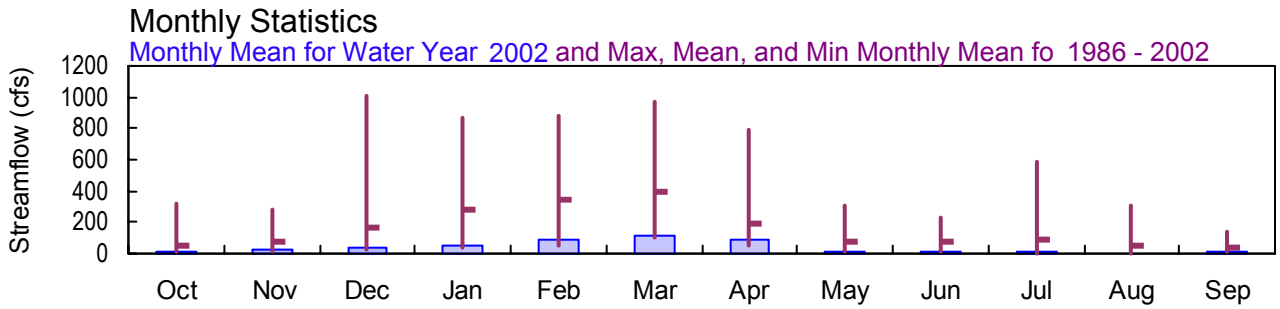
2002 Water Year

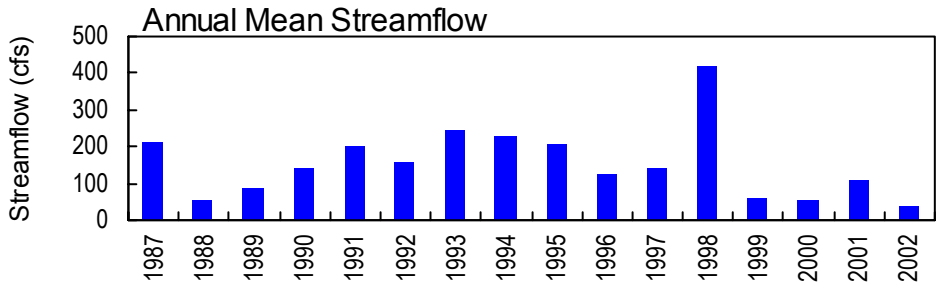
02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA

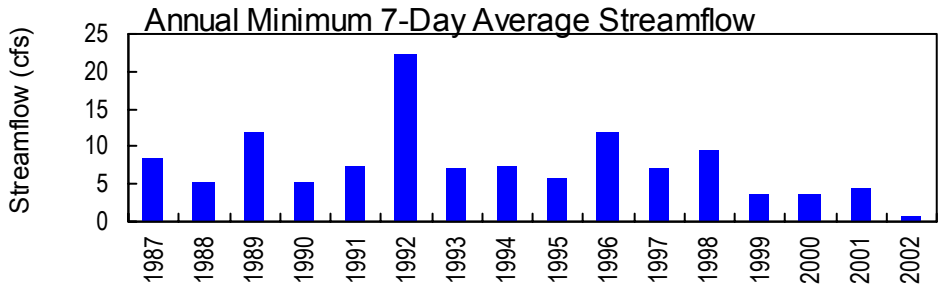
Latitude: 32°14'22" Longitude: 83°30'06" Hydrologic Unit Code: 03070104 Pulaski County

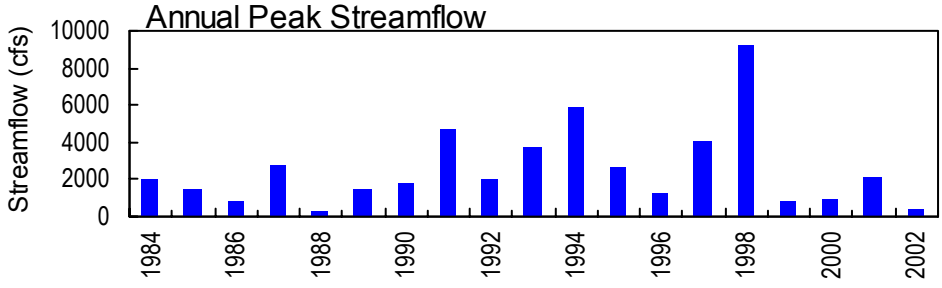
Drainage Area: 163. mi^2 Datum: 210.49 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA

LOCATION.—Lat 32°14'22", long 83°30'06" referenced to North American Datum (NAD) of 1927, Pulaski County, Hydrologic Unit 03070104, on left bank 90.0 feet upstream from GA 27 and 257, 0.6 miles upstream from Cedar Creek, 0.6 miles downstream from Long Branch, and 3.5 miles southwest of Hawkinsville.

DRAINAGE AREA.—163 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—Water years 1984-86 (annual maximum), April 1986 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 210.49 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from Georgia Department of Transportation). From December 6, 1984 to April 1, 1986, a crest-stage gage was located at a site 100.00 feet downstream at datum 3.00 feet higher.

REMARKS.--Records good, except for period of estimated discharge, which is fair.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 4	2130	435*	5.71*

WATER-STAGE RECORDS

PERIOD OF RECORD.-- Water years 1984-86 (annual maximum), April 1986 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 210.49 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from Georgia Department of Transportation). From December 6, 1984 to April 1, 1986, a crest-stage gage was located at a site 100.00 feet downstream at datum 3.00 feet higher.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.71 feet, March 4; minimum gage-height recorded, 0.62 feet, August 14.

02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 26, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 235
LATITUDE 321422 LONGITUDE 0833006 NAD83 DRAINAGE AREA 163.00* CONTRIBUTING DRAINAGE AREA 163 DATUM 210.49 NGVD29
Date Processed: 2003-03-10 09:30 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	12	30	30	52	54	157	42	7.5	9.0	3.7	7.0
2	15	13	29	30	52	95	191	44	7.6	11	3.6	18
3	14	14	28	39	48	198	185	40	7.1	17	2.6	12
4	13	14	28	47	45	367	119	33	6.9	19	2.6	8.3
5	13	14	26	39	42	342	96	30	6.2	46	2.2	6.4
6	13	14	25	40	52	183	83	27	5.9	21	e1.9	5.1
7	13	13	25	47	140	129	74	25	5.3	19	e1.7	4.2
8	12	13	25	46	237	112	68	24	6.7	70	e1.5	3.6
9	11	13	25	41	373	103	64	21	18	36	e1.3	3.2
10	11	13	26	38	230	102	83	19	19	18	e1.2	2.7
11	11	14	55	36	138	102	109	16	13	12	e0.92	2.4
12	11	14	92	36	111	101	122	16	10	9.5	e0.79	2.3
13	11	14	76	58	98	98	116	15	8.7	17	e0.75	2.2
14	11	15	53	70	89	108	134	15	7.6	20	0.79	e2.3
15	12	15	43	72	84	111	187	15	7.5	16	0.93	e2.3
16	11	15	39	61	79	99	158	16	6.6	14	1.1	e3.3
17	11	15	37	52	76	93	112	15	5.7	9.5	1.5	e5.7
18	10	15	49	45	72	96	91	16	4.9	7.3	1.4	e8.9
19	9.9	16	64	42	69	95	84	20	4.7	5.7	1.4	e16
20	10	16	65	58	66	86	75	18	6.1	4.7	1.4	e23
21	10	17	48	69	71	96	66	17	7.3	4.3	1.4	e28
22	10	18	40	72	71	112	56	16	9.1	4.0	1.6	e21
23	11	19	37	65	70	116	48	14	10	4.6	1.4	e17
24	11	26	35	59	64	94	42	12	10	5.3	1.1	e15
25	12	38	34	61	61	81	37	10	14	4.2	1.0	13
26	11	62	34	68	60	79	34	10	11	3.8	2.0	14
27	11	79	32	72	58	92	32	10	11	3.7	4.6	14
28	11	64	32	63	55	113	37	9.6	10	3.7	3.1	14
29	10	42	31	57	---	105	35	9.1	11	3.3	2.5	e12
30	11	34	31	54	---	86	32	8.3	10	2.8	2.0	13
31	11	---	30	53	---	85	---	7.3	---	2.6	2.0	---
TOTAL	357.9	681	1224	1620	2663	3733	2727	590.3	268.4	424.0	55.98	299.9
MEAN	11.5	22.7	39.5	52.3	95.1	120	90.9	19.0	8.95	13.7	1.81	10.0
MAX	16	79	92	72	373	367	191	44	19	70	4.6	28
MIN	9.9	12	25	30	42	54	32	7.3	4.7	2.6	0.75	2.2
CFSM	0.07	0.14	0.24	0.32	0.58	0.74	0.56	0.12	0.05	0.08	0.01	0.06
IN.	0.08	0.16	0.28	0.37	0.61	0.85	0.62	0.13	0.06	0.10	0.01	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2002, BY WATER YEAR (WY)

MEAN	47.7	80.4	168	282	347	393	193	79.7	77.1	91.5	54.2	36.4
MAX	320	282	1014	871	882	972	791	311	224	592	312	137
(WY)	1995	1998	1998	1987	1998	1998	1998	1991	1989	1994	1991	1998
MIN	6.47	17.7	30.5	39.7	56.5	96.1	55.9	17.8	7.02	4.17	1.81	6.91
(WY)	2001	2001	1988	1989	1989	1999	1986	2000	2000	1986	2002	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1986 - 2002	
ANNUAL TOTAL	40947.7		14644.48			
ANNUAL MEAN	112		40.1		155	
HIGHEST ANNUAL MEAN					421	1998
LOWEST ANNUAL MEAN					40.1	2002
HIGHEST DAILY MEAN	2030	Mar 5	373	Feb 9	8230	Mar 9 1998
LOWEST DAILY MEAN	4.1	Aug 26	0.75	Aug 13	0.75	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	4.5	Aug 23	0.93	Aug 10	0.93	Aug 10 2002
MAXIMUM PEAK FLOW			435	Mar 4	9240	Mar 9 1998
MAXIMUM PEAK STAGE			5.71	Mar 4	17.56	Mar 9 1998
INSTANTANEOUS LOW FLOW			0.58	Aug 14	0.58	Aug 14 2002
ANNUAL RUNOFF (CFSM)	0.69		0.25		0.95	
ANNUAL RUNOFF (INCHES)	9.35		3.34		12.94	
10 PERCENT EXCEEDS	294		97		370	
50 PERCENT EXCEEDS	43		18		56	
90 PERCENT EXCEEDS	12		3.2		11	

e Estimated

STATION NUMBER 02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 235
LATITUDE 321422 LONGITUDE 0833006 NAD83 DRAINAGE AREA 163.00 CONTRIBUTING DRAINAGE AREA 163* DATUM 210.49 NGVD29
Date Processed: 2003-03-10 08:07 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.48	1.38	1.67	1.66	1.91	1.93	2.95	1.80	1.22	1.27	1.16	1.28
2	1.45	1.41	1.65	1.67	1.91	2.34	3.31	1.83	1.23	1.33	1.15	1.61
3	1.43	1.43	1.63	1.78	1.86	3.39	3.25	1.79	1.21	1.46	1.05	1.49
4	1.41	1.42	1.63	1.86	1.84	5.11	2.57	1.70	1.20	1.50	1.05	1.39
5	1.40	1.42	1.60	1.78	1.81	4.88	2.34	1.67	1.17	1.87	1.00	1.32
6	1.41	1.42	1.59	1.79	1.91	3.22	2.22	1.61	1.15	1.59	---	1.26
7	1.41	1.41	1.59	1.86	2.78	2.67	2.13	1.59	1.12	1.58	---	1.20
8	1.40	1.41	1.59	1.85	3.81	2.50	2.07	1.57	1.19	2.17	---	1.16
9	1.37	1.41	1.59	1.80	5.19	2.41	2.03	1.53	1.47	1.85	---	1.12
10	1.36	1.41	1.60	1.77	3.74	2.40	2.22	1.49	1.50	1.61	---	1.07
11	1.35	1.42	1.94	1.74	2.76	2.40	2.47	1.46	1.39	1.49	---	1.03
12	1.36	1.42	2.31	1.74	2.49	2.39	2.60	1.44	1.31	1.43	---	1.02
13	1.37	1.43	2.15	1.97	2.36	2.37	2.54	1.42	1.26	1.58	---	1.00
14	1.37	1.46	1.92	2.08	2.28	2.46	2.72	1.42	1.23	1.65	0.70	---
15	1.39	1.45	1.82	2.11	2.23	2.49	3.26	1.42	1.22	1.58	0.75	---
16	1.36	1.46	1.78	1.99	2.18	2.37	2.97	1.44	1.18	1.54	0.79	---
17	1.35	1.46	1.76	1.90	2.15	2.32	2.50	1.41	1.15	1.43	0.88	---
18	1.34	1.46	1.88	1.84	2.11	2.35	2.30	1.45	1.11	1.35	0.87	---
19	1.33	1.47	2.02	1.81	2.07	2.34	2.23	1.51	1.09	1.28	0.87	---
20	1.34	1.48	2.03	1.97	2.05	2.25	2.14	1.47	1.16	1.23	0.87	---
21	1.34	1.49	1.87	2.08	2.10	2.35	2.05	1.47	1.21	1.21	0.87	---
22	1.34	1.50	1.79	2.11	2.10	2.49	1.95	1.45	1.28	1.18	0.89	---
23	1.35	1.52	1.75	2.04	2.08	2.54	1.87	1.39	1.31	1.21	0.86	---
24	1.37	1.63	1.73	1.98	2.03	2.33	1.81	1.34	1.31	1.27	0.80	---
25	1.38	1.76	1.72	2.00	2.00	2.20	1.76	1.32	1.40	1.20	0.78	1.52
26	1.36	2.00	1.71	2.07	1.98	2.18	1.71	1.31	1.32	1.17	0.91	1.53
27	1.37	2.18	1.69	2.11	1.97	2.30	1.69	1.31	1.33	1.16	1.23	1.54
28	1.35	2.03	1.69	2.02	1.94	2.51	1.75	1.29	1.31	1.16	1.11	1.53
29	1.34	1.81	1.68	1.96	---	2.44	1.72	1.27	1.34	1.13	1.04	---
30	1.35	1.71	1.68	1.93	---	2.25	1.69	1.25	1.32	1.08	0.97	1.52
31	1.37	---	1.67	1.92	---	2.24	---	1.21	---	1.05	0.97	---
MEAN	1.37	1.54	1.77	1.91	2.34	2.59	2.29	1.47	1.26	1.41	---	---
MAX	1.48	2.18	2.31	2.11	5.19	5.11	3.31	1.83	1.50	2.17	---	---
MIN	1.33	1.38	1.59	1.66	1.81	1.93	1.69	1.21	1.09	1.05	---	---

STATION NUMBER 02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 235
LATITUDE 321422 LONGITUDE 0833006 NAD83 DRAINAGE AREA 163.00 CONTRIBUTING DRAINAGE AREA 163* DATUM 210.49 NGVD29
Date Processed: 2003-03-10 08:09 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.01
2	---	---	---	---	---	---	0.00	0.00	0.00	0.05	0.00	0.00
3	---	---	---	---	---	---	0.00	0.00	0.00	0.09	0.00	0.00
4	---	---	---	---	---	---	0.00	0.00	0.00	0.07	0.00	0.00
5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.04	0.00
7	---	---	---	---	---	---	0.00	0.00	0.45	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.01	0.00	0.00	0.00
9	---	---	---	---	---	---	0.11	0.00	0.00	0.06	0.00	0.00
10	---	---	---	---	---	---	0.89	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	0.01	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	0.19	0.00	0.00	0.26	0.00	0.00
13	---	---	---	---	---	---	0.65	0.84	0.00	0.77	0.00	---
14	---	---	---	---	---	---	1.05	0.00	0.04	0.00	0.00	---
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
16	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.20	---
17	---	---	---	---	---	---	0.00	0.07	0.00	0.00	0.00	---
18	---	---	---	---	---	---	0.04	1.00	0.00	0.00	0.00	---
19	---	---	---	---	---	---	0.01	0.00	0.00	0.00	0.34	---
20	---	---	---	---	---	---	0.00	0.00	0.00	0.12	0.20	---
21	---	---	---	---	---	---	0.00	0.00	0.01	0.62	0.00	---
22	---	---	---	---	---	---	0.00	0.00	0.05	0.00	0.00	---
23	---	---	---	---	---	---	0.00	0.00	0.00	1.28	0.00	---
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
26	---	---	---	---	---	---	0.12	0.00	0.01	0.23	1.33	---
27	---	---	---	---	---	0.00	0.02	0.00	0.00	0.00	0.43	---
28	---	---	---	---	---	0.00	0.00	0.00	0.05	0.07	0.00	---
29	---	---	---	---	---	0.00	0.11	0.00	0.00	0.00	0.02	---
30	---	---	---	---	---	---	0.53	0.00	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.57	0.00	---
TOTAL	---	---	---	---	---	---	3.73	1.91	0.62	4.19	2.56	---

ALTAMAHA RIVER BASIN
2002 Water Year

02215245 FOLSOM CREEK TRIBUTARY NEAR ROCHELLE, GA

LOCATION.—Lat 32°00'20", long 83°26'07" (revised) referenced to North American Datum (NAD) of 1927, Wilcox County, Hydrologic Unit 03070104, at culvert on GA 233, 4.0 miles north of Rochelle.

DRAINAGE AREA.—1.44 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1964 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 260.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 7.16 feet, August 11, 1970
DISCHARGE: 434 ft^3/s, August 11, 1970

MAXIMUM FOR CURRENT YEAR.—

STAGE: <0.89 feet, Not determined, peak below bottom of gage
DISCHARGE: <3.55 ft^3/s, Not determined, peak below bottom of gage

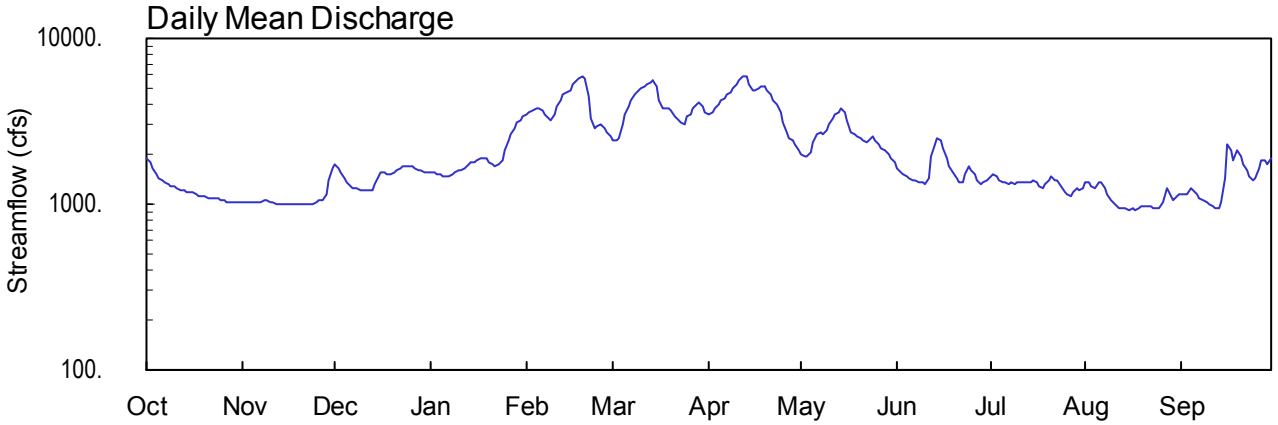
ALTAMAHA RIVER BASIN

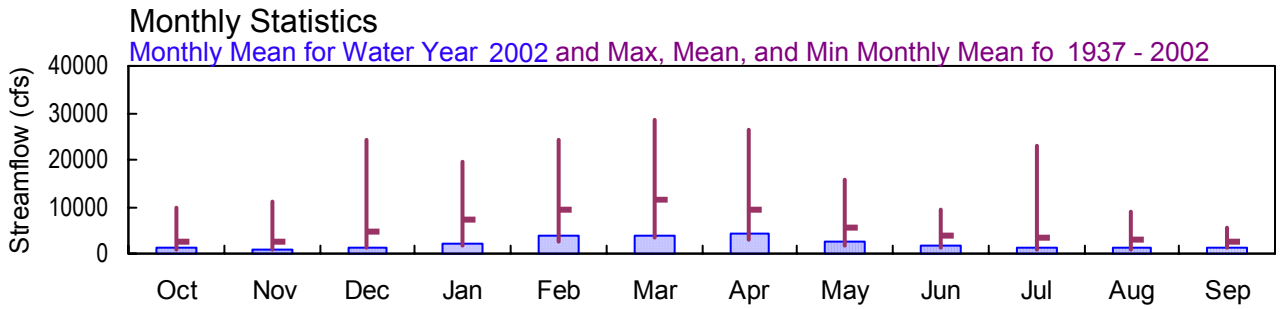
2002 Water Year

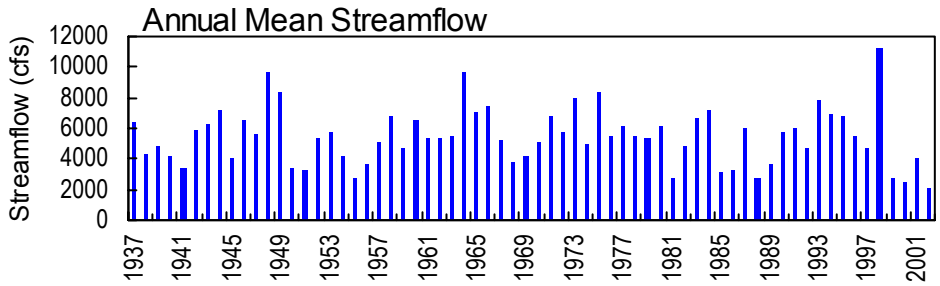
02215500 OCMULGEE RIVER AT LUMBER CITY, GA

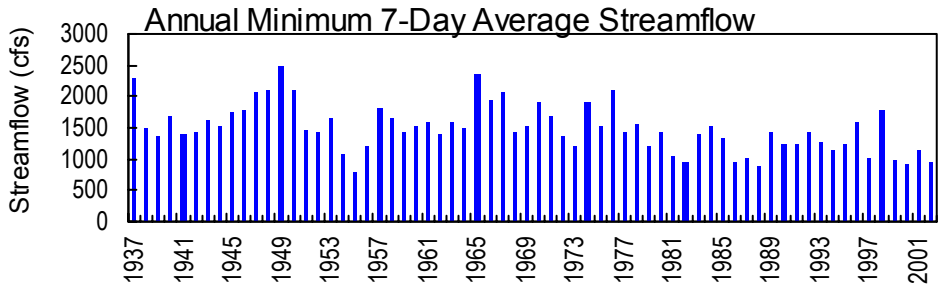
Latitude: 31°55'12" Longitude: 82°40'27" Hydrologic Unit Code: 03070104 Jeff Davis County

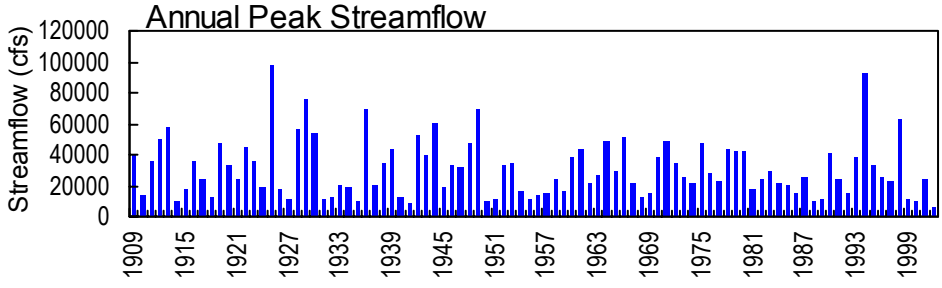
Drainage Area: 5,180. mi^2 Datum: 87.48 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02215500 OCMULGEE RIVER AT LUMBER CITY, GA

LOCATION.—Lat 31°55'12", long 82°40'27" (revised) referenced to North American Datum (NAD) of 1927, Jeff Davis County, Hydrologic Unit 03070104, near left bank on downstream end of pier of bridge on US 341 at Lumber City, 500.0 feet downstream from Southern Railway bridge, 1.0 mile upstream from Little Ocmulgee River, and 12.0 miles upstream from confluence with Oconee River.

DRAINAGE AREA.—5,180 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1936 to current year. Gage-height records collected at same site since 1908 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 1504: 1937.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 87.48 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to November 8, 1937, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum discharge known since at least 1841, 98,400 ft^3/s, January 21, 1925, from rating extended above 86,000 ft^3/s on basis of records of peak flow for stations on Ocmulgee, Oconee, and Altamaha Rivers; maximum stage known, 26.3 feet, January 21, 1925, which had backwater conditions from Oconee River.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 15,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr. 12	1900	6,050*	6.93*

02215500 OCMULGEE RIVER AT LUMBER CITY, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.-- October 1936 to current year. Gage-height records collected at same site since 1908 are contained in reports of National Weather Service.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 87.48 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to November 8, 1937, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.93 feet, April 12; minimum gage-height recorded, -0.55 feet, August 17, September 13.

STATION NUMBER 02215500 OCMULGEE RIVER AT LUMBER CITY, GA SOURCE AGENCY USGS STATE 13 COUNTY 161
LATITUDE 315512 LONGITUDE 0824027 NAD27 DRAINAGE AREA 5180.00* CONTRIBUTING DRAINAGE AREA 5180 DATUM 87.48 NGVD29
Date Processed: 2003-03-10 09:31 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1880	1030	1750	1560	3490	2460	3490	2000	1640	1480	1360	1160
2	1770	1020	1670	1550	3600	2400	3620	1940	1570	1510	1360	1160
3	1630	1020	1540	1530	3710	2530	3780	1930	1510	1470	1290	1150
4	1530	1030	1420	1500	3780	3020	4000	2040	1460	1400	1260	1250
5	1440	1040	1350	1480	3770	3500	4210	2340	1420	1370	1360	1230
6	1380	1040	1290	1480	3660	3900	4390	2630	1400	1360	1350	1160
7	1350	1040	1260	1480	3530	4260	4540	2700	1390	1330	1240	1100
8	1310	1050	1240	1520	3340	4570	4710	2610	1370	1340	1150	1050
9	1290	1050	1220	1560	3230	4790	4940	2800	1340	1320	1070	1020
10	1270	1040	1210	1590	3480	4930	5270	3060	1320	1370	1020	990
11	1250	1030	1200	1620	3930	5100	5640	3270	1450	1370	983	964
12	1220	1010	1210	1670	4290	5300	5980	3450	1920	1360	953	937
13	1200	1000	1210	1750	4570	5490	5890	3610	2320	1360	951	933
14	1180	1000	1310	1790	4780	5560	5230	3750	2480	1350	956	1020
15	1190	999	1460	1800	4920	5080	4910	3600	2420	1380	931	1430
16	1190	994	1550	1840	5230	4180	4910	3180	2150	1370	933	2290
17	1160	992	1550	1890	5510	3800	4980	2750	1890	1280	924	2140
18	1130	993	1510	1910	5760	3810	5080	2610	1700	1260	948	1820
19	1120	998	1500	1880	5910	3840	5090	2550	1550	1330	966	2100
20	1110	997	1560	1810	5730	3660	4900	2520	1420	1410	960	1950
21	1100	996	1600	1740	4530	3360	4620	2460	1340	1460	961	1750
22	1090	998	1630	1680	3260	3180	4290	2370	1340	1390	974	1590
23	1080	1000	1690	1720	2900	3080	3970	2420	1530	1380	951	1470
24	1080	1010	1700	1860	2990	3040	3600	2580	1680	1280	950	1390
25	1070	1040	1710	2140	3000	3430	3100	2460	1620	1180	941	1430
26	1060	1070	1690	2430	2870	3500	2680	2270	1510	1140	1020	1670
27	1040	1070	1640	2650	2720	3830	2510	2180	1400	1130	1240	1860
28	1040	1140	1620	2870	2580	4050	2460	2100	1310	1180	1180	1820
29	1030	1380	1610	3080	---	4100	2290	2020	1350	1240	1070	1740
30	1030	1640	1570	3250	---	3860	2110	1890	1410	1220	1100	1880
31	1030	---	1560	3380	---	3540	---	1770	---	1260	1140	---
TOTAL	38250	31717	46030	60010	111070	121150	127190	79860	48210	41280	33492	43454
MEAN	1234	1057	1485	1936	3967	3908	4240	2576	1607	1332	1080	1448
MAX	1880	1640	1750	3380	5910	5560	5980	3750	2480	1510	1360	2290
MIN	1030	992	1200	1480	2580	2400	2110	1770	1310	1130	924	933
CFSM	0.24	0.20	0.29	0.37	0.77	0.75	0.82	0.50	0.31	0.26	0.21	0.28
IN.	0.27	0.23	0.33	0.43	0.80	0.87	0.91	0.57	0.35	0.30	0.24	0.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	2627	2742	4735	7187	9349	11330	9473	5387	3665	3571	3152	2455
MAX	9848	11140	24070	19600	24250	28650	26590	15710	9360	22950	9067	5696
(WY)	1995	1948	1949	1998	1998	1998	1944	1964	1973	1994	1994	1949
MIN	887	910	1423	1849	2341	3219	2824	1515	1210	979	976	1078
(WY)	1955	1955	1955	1981	1989	1955	1999	1986	2000	1988	1988	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	1436117		781713			
ANNUAL MEAN	3935		2142		5454	
HIGHEST ANNUAL MEAN					11250	1998
LOWEST ANNUAL MEAN					2142	2002
HIGHEST DAILY MEAN	24400	Mar 25	5980	Apr 12	90700	Jul 15 1994
LOWEST DAILY MEAN	992	Nov 17	924	Aug 17	808	Oct 30 1954
ANNUAL SEVEN-DAY MINIMUM	995	Nov 16	942	Aug 12	813	Oct 28 1954
MAXIMUM PEAK FLOW			6050	Apr 12	92900	Jul 15 1994
MAXIMUM PEAK STAGE			6.93	Apr 12	24.59	Jul 15 1994
INSTANTANEOUS LOW FLOW			917	Aug 17	800	Oct 30 1954
ANNUAL RUNOFF (CFSM)	0.76		0.41		1.05	
ANNUAL RUNOFF (INCHES)	10.31		5.61		14.30	
10 PERCENT EXCEEDS	9210		4230		11600	
50 PERCENT EXCEEDS	2410		1560		3540	
90 PERCENT EXCEEDS	1090		1020		1630	

STATION NUMBER 02215500 OCMULGEE RIVER AT LUMBER CITY, GA SOURCE AGENCY USGS STATE 13 COUNTY 161
LATITUDE 315512 LONGITUDE 0824027 NAD27 DRAINAGE AREA 5180.00 CONTRIBUTING DRAINAGE AREA 5180* DATUM 87.48 NGVD29
Date Processed: 2003-03-10 08:09 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.59	0.04	1.33	0.99	3.75	2.24	3.64	1.59	0.64	0.39	0.20	-0.14
2	1.39	0.03	1.20	0.98	3.85	2.17	3.81	1.49	0.54	0.44	0.19	-0.13
3	1.13	0.03	0.94	0.94	3.95	2.35	4.02	1.47	0.44	0.38	0.09	-0.15
4	0.93	0.04	0.72	0.88	4.02	3.02	4.32	1.64	0.37	0.26	0.04	0.01
5	0.76	0.07	0.58	0.84	4.00	3.65	4.59	2.08	0.30	0.21	0.19	-0.02
6	0.65	0.07	0.49	0.83	3.87	4.18	4.83	2.49	0.26	0.19	0.19	-0.13
7	0.58	0.06	0.44	0.84	3.69	4.66	5.03	2.59	0.25	0.15	0.00	-0.23
8	0.52	0.08	0.40	0.90	3.45	5.07	5.25	2.46	0.21	0.16	-0.15	-0.31
9	0.49	0.08	0.37	0.99	3.30	5.35	5.55	2.72	0.16	0.14	-0.28	-0.37
10	0.45	0.07	0.35	1.04	3.62	5.54	5.96	3.07	0.14	0.21	-0.37	-0.42
11	0.42	0.05	0.34	1.11	4.22	5.74	6.43	3.35	0.35	0.22	-0.43	-0.47
12	0.37	0.02	0.35	1.19	4.70	6.00	6.85	3.59	1.09	0.20	-0.49	-0.52
13	0.33	0.00	0.36	1.34	5.07	6.24	6.73	3.80	1.72	0.21	-0.49	-0.52
14	0.31	0.00	0.52	1.41	5.34	6.33	5.91	3.98	1.96	0.18	-0.48	-0.37
15	0.32	0.00	0.80	1.45	5.52	5.72	5.51	3.78	1.87	0.23	-0.53	0.32
16	0.32	-0.01	0.97	1.52	5.92	4.55	5.50	3.03	1.46	0.21	-0.52	1.67
17	0.27	-0.02	0.97	1.61	6.27	4.04	5.60	2.38	1.04	0.07	-0.54	1.43
18	0.22	-0.02	0.89	1.64	6.58	4.05	5.73	2.17	0.75	0.03	-0.50	0.93
19	0.20	0.00	0.88	1.59	6.76	4.10	5.73	2.08	0.50	0.15	-0.46	1.36
20	0.19	0.0	0.99	1.46	6.54	3.86	5.50	2.04	0.30	0.29	-0.47	1.12
21	0.17	-0.01	1.06	1.32	5.01	3.47	5.13	1.93	0.17	0.36	-0.47	0.82
22	0.16	0.00	1.13	1.22	3.34	3.24	4.70	1.79	0.17	0.24	-0.45	0.57
23	0.14	0.0	1.23	1.27	2.86	3.10	4.27	1.87	0.48	0.23	-0.49	0.37
24	0.13	0.02	1.26	1.51	2.98	3.05	3.78	2.12	0.71	0.07	-0.49	0.26
25	0.12	0.07	1.27	1.98	3.00	3.56	3.13	1.93	0.62	-0.10	-0.51	0.31
26	0.09	0.12	1.23	2.44	2.82	3.66	2.55	1.64	0.44	-0.17	-0.38	0.70
27	0.07	0.11	1.14	2.76	2.62	4.08	2.32	1.49	0.27	-0.18	0.01	0.99
28	0.06	0.23	1.10	3.05	2.42	4.38	2.26	1.37	0.13	-0.10	-0.10	0.93
29	0.05	0.65	1.08	3.30	---	4.45	2.00	1.24	0.18	0.00	-0.29	0.81
30	0.04	1.14	1.00	3.50	---	4.12	1.74	1.03	0.28	-0.03	-0.23	1.02
31	0.04	---	0.98	3.63	---	3.70	---	0.84	---	0.03	-0.17	---
MEAN	0.40	0.10	0.85	1.60	4.27	4.18	4.61	2.23	0.59	0.15	-0.27	0.33
MAX	1.59	1.14	1.33	3.63	6.76	6.33	6.85	3.98	1.96	0.44	0.20	1.67
MIN	0.04	-0.02	0.34	0.83	2.42	2.17	1.74	0.84	0.13	-0.18	-0.54	-0.52

02215800 GUM SWAMP CREEK AT GA 165, NEAR CHAUNCEY, GA

LOCATION.—Lat 32°07'28", long 83°03'37" referenced to North American Datum (NAD) of 1927, Dodge County, Hydrologic Unit 03070105, at bridge on GA 165, 0.6 miles north of Chauncey.

DRAINAGE AREA.—221 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 180.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 9.91 feet, March 6, 1991
DISCHARGE: 4,940 ft^3/s, March 6, 1991

MAXIMUM FOR CURRENT YEAR.—
STAGE: 6.79 feet, June 7
DISCHARGE: 1,120 ft^3/s, June 7

ALTAMAHA RIVER BASIN
2002 Water Year

02215900 LITTLE OCMULGEE RIVER AT GA 149, AT SCOTLAND, GA

LOCATION.—Lat 32°03'08", long 82°48'57", Telfair County, Hydrologic Unit 03070105, approximately 18.0 miles upstream of confluence of Little Ocmulgee River and Ocmulgee River, on GA 149.

DRAINAGE AREA.—316 mi^2.

COOPERATION.—City of Helena.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—February 1984 to current year.

GAGE.—Standard USGS reference point. Datum of gage is 140.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.—Rating Number 7, effective October 1, 2001 to September 30, 2002.

REMARKS.—Records fair. Measurements for current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/21/01	1.28	1.85
03/27/02	4.53	184
06/11/02	0.97	0.38
10/31/02	2.25	20.7

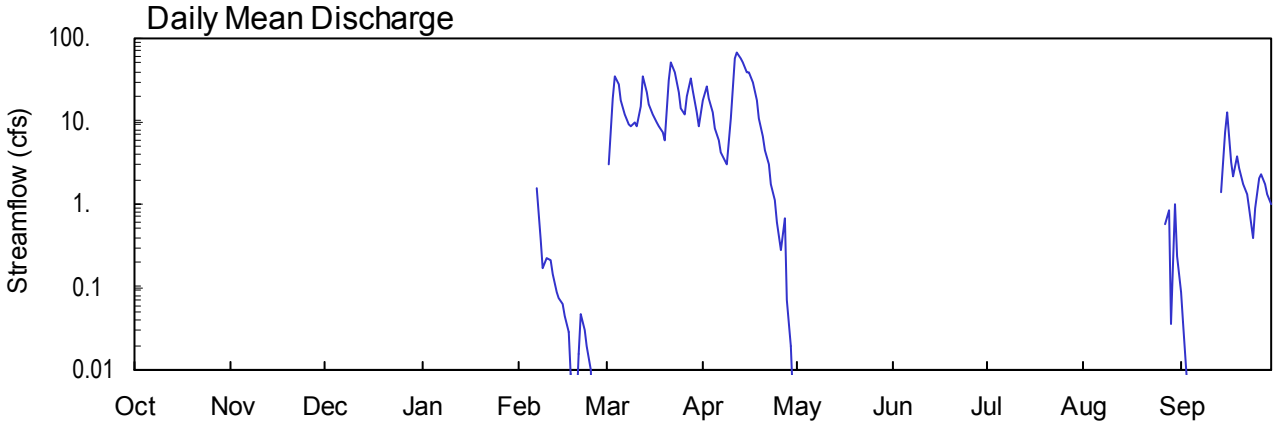
ALTAMAHA RIVER BASIN

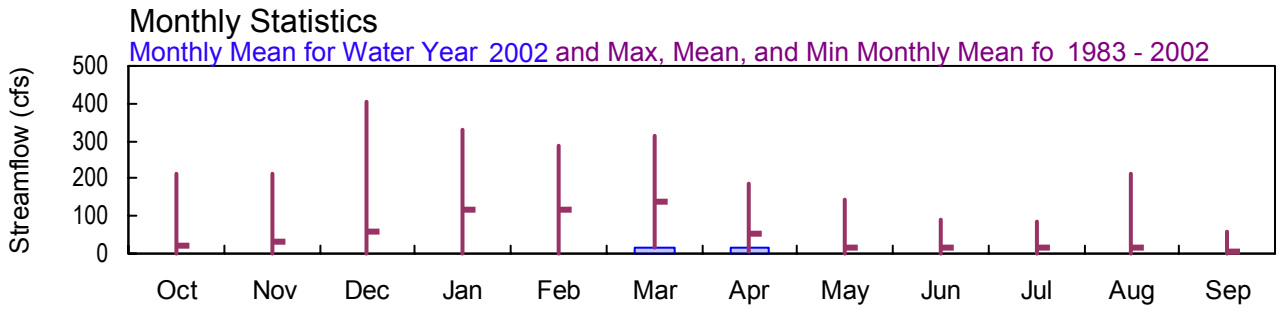
2002 Water Year

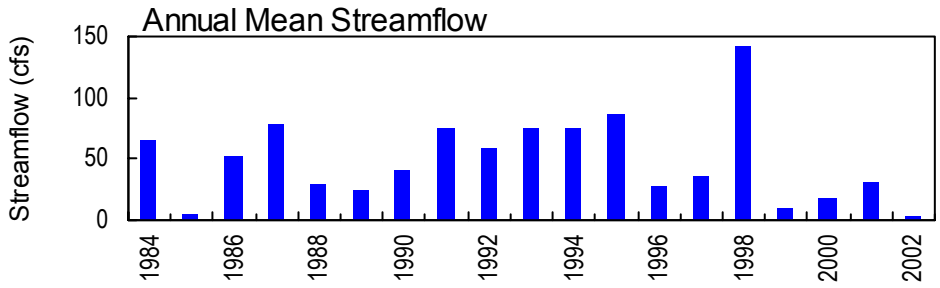
02216180 TURNPIKE CREEK NEAR MCRAE, GA

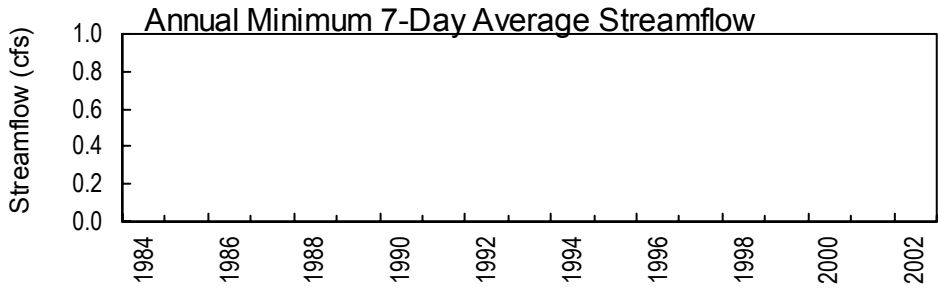
Latitude: 31°59'29" Longitude: 82°55'19" Hydrologic Unit Code: 03070105 Telfair County

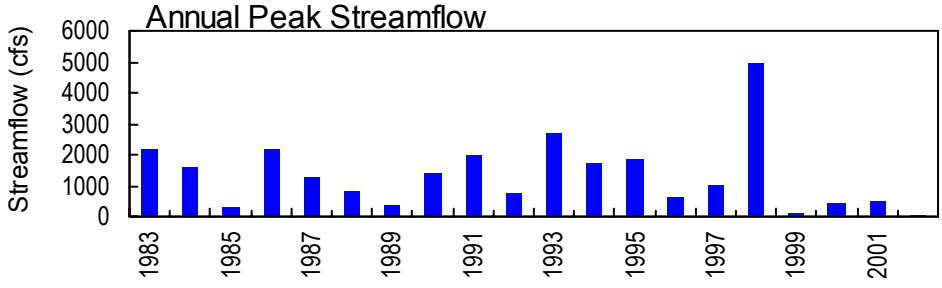
Drainage Area: 49.23 mi^2 Datum: 173.17 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02216180 TURNPIKE CREEK NEAR MCRAE, GA

LOCATION.—Lat 31°59'29", long 82°55'19" referenced to North American Datum (NAD) of 1927, Telfair County, Hydrologic Unit 03070105, on downstream side of bridge pier on US 319 and 441, 4.8 miles south of McRae and 13.8 miles upstream from mouth.

DRAINAGE AREA.—49.2 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 1983 to current year.

GAGE.—Water-stage recorder. Datum of gage is 173.17 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation).

REMARKS.—Records good, except those less than 1.0 ft^3/s, which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 600 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr. 12	0115	72.0*	5.12*

WATER-STAGE RECORDS

PERIOD OF RECORD.—January 1983 to current year.

GAGE.—Water-stage recorder. Datum of gage is 173.17 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.12 feet, April 12; minimum gage-height recorded, 1.04 feet, January 9-12.

STATION NUMBER 02216180 TURNPIKE CREEK NEAR MCRAE, GA SOURCE AGENCY USGS STATE 13 COUNTY 271
LATITUDE 315929 LONGITUDE 0825519 NAD83 DRAINAGE AREA 49.23* CONTRIBUTING DRAINAGE AREA 49.23 DATUM 173.17 NGVD29
Date Processed: 2003-03-10 09:33 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	18	0.0	0.00	0.00	0.00	0.09
2	0.00	0.00	0.00	0.00	0.00	3.0	27	0.00	0.00	0.00	0.00	0.04
3	0.00	0.00	0.00	0.00	0.00	19	19	0.00	0.00	0.00	0.00	0.0
4	0.00	0.00	0.00	0.00	0.00	35	13	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	28	8.4	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	18	5.9	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1.6	12	4.3	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.36	9.1	3.4	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.17	8.6	3.1	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.22	9.5	11	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.21	8.6	59	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.14	15	68	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.09	34	56	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.07	22	50	0.00	0.00	0.00	0.00	1.4
15	0.00	0.00	0.00	0.00	0.06	16	40	0.00	0.00	0.00	0.00	7.5
16	0.00	0.00	0.00	0.00	0.05	12	40	0.00	0.00	0.00	0.00	13
17	0.00	0.00	0.00	0.00	0.03	10	30	0.00	0.00	0.00	0.00	3.2
18	0.00	0.00	0.00	0.00	0.0	8.7	18	0.00	0.00	0.00	0.00	2.2
19	0.00	0.00	0.00	0.00	0.00	7.2	11	0.00	0.00	0.00	0.00	3.8
20	0.00	0.00	0.00	0.00	0.02	6.0	6.6	0.00	0.00	0.00	0.00	2.7
21	0.00	0.00	0.00	0.00	0.05	31	4.4	0.00	0.00	0.00	0.00	1.7
22	0.00	0.00	0.00	0.00	0.03	52	3.0	0.00	0.00	0.00	0.00	1.3
23	0.00	0.00	0.00	0.00	0.02	40	1.7	0.00	0.00	0.00	0.00	0.92
24	0.00	0.00	0.00	0.00	0.01	22	1.1	0.00	0.00	0.00	0.00	0.40
25	0.00	0.00	0.00	0.00	0.00	14	0.61	0.00	0.00	0.00	0.00	0.91
26	0.00	0.00	0.00	0.00	0.00	12	0.28	0.00	0.00	0.00	0.00	2.1
27	0.00	0.00	0.00	0.00	0.00	20	0.66	0.00	0.00	0.00	0.57	2.3
28	0.00	0.00	0.00	0.00	0.00	33	0.07	0.00	0.00	0.00	0.85	1.7
29	0.00	0.00	0.00	0.00	---	24	0.02	0.00	0.00	0.00	0.04	1.3
30	0.00	0.00	0.00	0.00	---	13	0.00	0.00	0.00	0.00	0.99	1.0
31	0.00	---	0.00	0.00	---	8.8	---	0.00	---	0.00	0.23	---
TOTAL	0.00	0.00	0.00	0.00	3.13	551.50	503.54	0.00	0.00	0.00	2.68	47.56
MEAN	0.000	0.000	0.000	0.000	0.11	17.8	16.8	0.000	0.000	0.000	0.086	1.59
MAX	0.00	0.00	0.00	0.00	1.6	52	68	0.00	0.00	0.00	0.99	13
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CFSM	0.00	0.00	0.00	0.00	0.00	0.36	0.34	0.00	0.00	0.00	0.00	0.03
IN.	0.00	0.00	0.00	0.00	0.00	0.42	0.38	0.00	0.00	0.00	0.00	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2002, BY WATER YEAR (WY)

MEAN	21.8	30.1	59.9	115	117	137	55.0	18.6	15.0	13.9	16.2	7.21
MAX	212	212	406	329	285	315	188	141	92.3	84.1	215	60.5
(WY)	1995	1998	1998	1987	1998	1998	1998	1984	1995	1994	1994	1994
MIN	0.000	0.000	0.000	0.000	0.11	16.1	3.88	0.000	0.000	0.000	0.000	0.000
(WY)	1984	1985	1985	1985	2002	1985	1999	1986	1985	1986	1986	1984

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1983 - 2002	
ANNUAL TOTAL	10718.52		1108.41			
ANNUAL MEAN	29.4		3.04		48.9	
HIGHEST ANNUAL MEAN					142	1998
LOWEST ANNUAL MEAN					3.04	2002
HIGHEST DAILY MEAN	499	Mar 21	68	Apr 12	3040	Mar 9 1998
LOWEST DAILY MEAN	0.00	May 9	0.00	Oct 1	0.00	Jun 2 1983
ANNUAL SEVEN-DAY MINIMUM	0.00	May 9	0.00	Oct 1	0.00	Jul 17 1983
MAXIMUM PEAK FLOW			72	Apr 12	4980	Mar 9 1998
MAXIMUM PEAK STAGE			5.12	Apr 12	11.82	Mar 9 1998
ANNUAL RUNOFF (CFSM)	0.60		0.062		0.99	
ANNUAL RUNOFF (INCHES)	8.10		0.84		13.50	
10 PERCENT EXCEEDS	82		9.7		135	
50 PERCENT EXCEEDS	0.00		0.00		4.3	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

STATION NUMBER 02216180 TURNPIKE CREEK NEAR MCRAE, GA SOURCE AGENCY USGS STATE 13 COUNTY 271
LATITUDE 315929 LONGITUDE 0825519 NAD83 DRAINAGE AREA 49.23 CONTRIBUTING DRAINAGE AREA 49.23* DATUM 173.17 NGVD29
Date Processed: 2003-03-10 08:13 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.34	1.14	1.20	1.06	1.21	1.93	3.48	1.97	1.61	1.22	1.72	2.10
2	1.31	1.14	1.19	1.06	1.20	2.39	3.83	1.95	1.59	1.21	1.69	2.06
3	1.28	1.14	1.17	1.06	1.20	3.47	3.54	1.90	1.56	1.21	1.65	2.02
4	1.24	1.13	1.16	1.06	1.20	4.13	3.21	1.86	1.52	1.21	1.61	1.96
5	1.23	1.13	1.16	1.05	1.19	3.88	2.95	1.84	1.49	1.21	1.57	1.89
6	1.26	1.12	1.15	1.06	1.24	3.47	2.77	1.81	1.46	1.21	1.55	1.84
7	1.23	1.12	1.15	1.05	2.31	3.15	2.63	1.80	1.46	1.38	1.53	1.80
8	1.21	1.11	1.14	1.05	2.12	3.00	2.54	1.79	1.43	1.56	1.49	1.77
9	1.21	1.11	1.13	1.05	2.09	2.96	2.50	1.76	1.40	1.62	1.45	1.73
10	1.21	1.11	1.16	1.04	2.10	3.03	2.99	1.74	1.36	1.76	1.41	1.69
11	1.21	1.10	1.20	1.04	2.10	2.97	4.80	1.72	1.31	1.70	1.38	1.65
12	1.21	1.10	1.20	1.10	2.08	3.27	5.02	1.68	1.28	1.65	1.34	1.61
13	1.21	1.09	1.19	1.23	2.06	4.10	4.73	1.67	1.24	1.65	1.31	1.62
14	1.25	1.09	1.19	1.22	2.05	3.63	4.56	1.72	1.22	1.66	1.49	1.99
15	1.22	1.09	1.19	1.22	2.04	3.38	4.29	1.68	1.22	1.62	1.81	2.86
16	1.21	1.09	1.18	1.21	2.03	3.18	4.29	1.65	1.21	1.58	1.77	3.18
17	1.21	1.08	1.18	1.21	2.01	3.07	3.96	1.64	1.21	1.54	1.73	2.52
18	1.20	1.08	1.18	1.21	1.98	2.97	3.45	1.72	1.21	1.51	1.69	2.40
19	1.19	1.08	1.17	1.21	1.97	2.87	3.12	1.78	1.21	1.47	1.66	2.58
20	1.19	1.07	1.16	1.20	1.99	2.77	2.82	1.75	1.21	1.45	1.63	2.46
21	1.19	1.07	1.15	1.20	2.03	3.87	2.63	1.72	1.20	1.59	1.59	2.33
22	1.19	1.06	1.14	1.20	2.01	4.61	2.49	1.69	1.20	1.56	1.56	2.26
23	1.19	1.06	1.14	1.20	2.00	4.27	2.32	1.66	1.20	1.73	1.54	2.20
24	1.19	1.07	1.13	1.20	1.98	3.62	2.24	1.64	1.20	1.75	1.52	2.13
25	1.18	1.16	1.12	1.23	1.97	3.29	2.16	1.62	1.26	1.73	1.50	2.20
26	1.17	1.22	1.11	1.22	1.97	3.15	2.11	1.60	1.24	1.71	1.56	2.38
27	1.17	1.21	1.10	1.21	1.97	3.56	2.17	1.56	1.22	1.68	1.93	2.40
28	1.16	1.21	1.09	1.21	1.95	4.04	2.04	1.53	1.22	1.69	2.22	2.33
29	1.15	1.21	1.09	1.21	---	3.70	2.00	1.52	1.22	1.79	2.06	2.26
30	1.14	1.20	1.08	1.21	---	3.23	1.97	1.66	1.22	1.75	2.24	2.22
31	1.14	---	1.07	1.21	---	2.98	---	1.64	---	1.71	2.14	---
MEAN	1.21	1.12	1.15	1.15	1.86	3.35	3.12	1.72	1.31	1.55	1.66	2.15
MAX	1.34	1.22	1.20	1.23	2.31	4.61	5.02	1.97	1.61	1.79	2.24	3.18
MIN	1.14	1.06	1.07	1.04	1.19	1.93	1.97	1.52	1.20	1.21	1.31	1.61

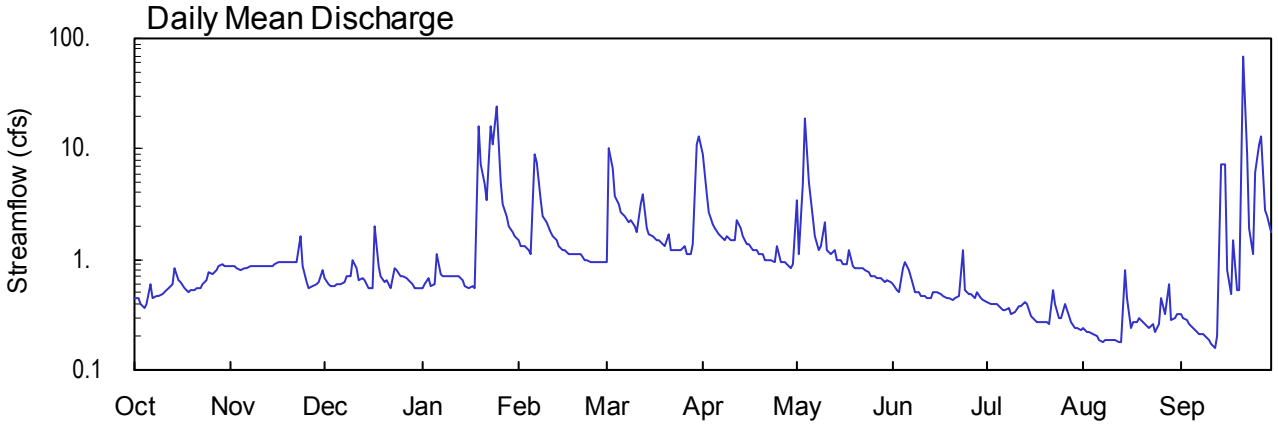
ALTAMAHA RIVER BASIN

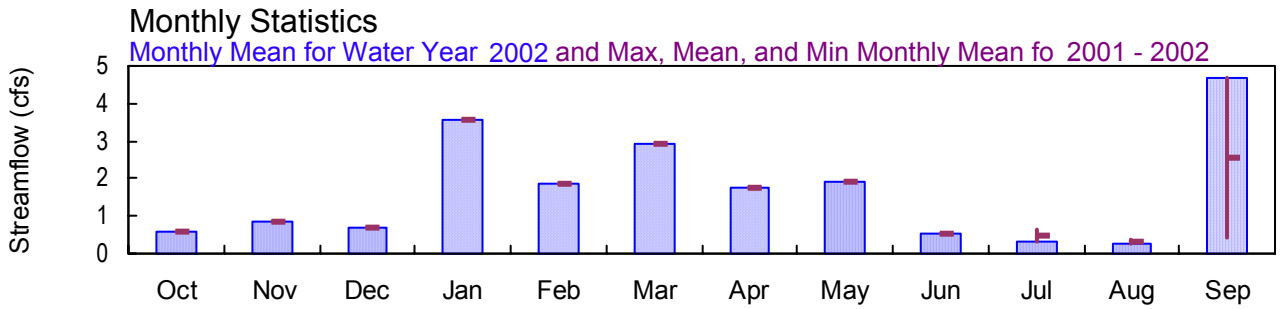
2002 Water Year

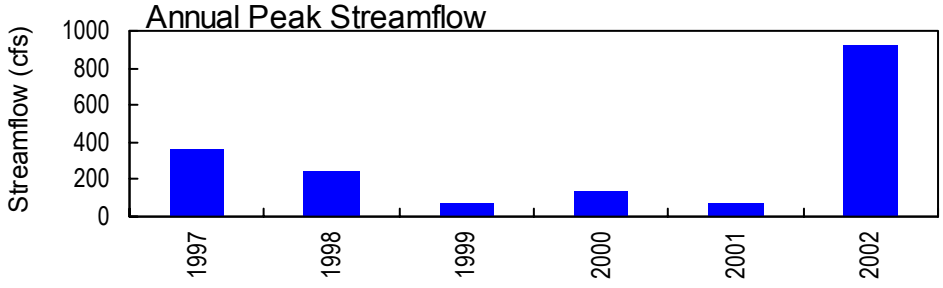
02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA

Latitude: 34°04'56" Longitude: 83°51'17" Hydrologic Unit Code: 03070101 Gwinnett County

Drainage Area: 2.09 mi^2 Datum: 885.00 feet







ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA

LOCATION.—Lat 34°04'56", long 83°51'17" referenced to North American Datum (NAD) of 1927, Jackson-Barrow County line, Hydrologic Unit 03070101, at concrete box culvert on Bill Cheek Road.

DRAINAGE AREA.—2.09 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—June 29, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and continuous water-quality monitor. Datum of gage is 885.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 29, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and continuous water-quality monitor. Datum of gage is 885.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR 2001 WATER YEAR.—Maximum gage-height recorded, 1.80 feet, July 25, 2001; minimum gage-height recorded, 1.18 feet, numerous days in July 2001.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.18 feet, September 21; minimum gage-height recorded, 1.14 feet, September 11-13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—June 29, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09* DATUM 885.00 NGVD29
Date Processed: 2003-03-12 08:35 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.44	0.86	0.69	0.56	1.5	0.95	e9.0	3.5	0.59	0.41	0.24	0.32
2	0.44	0.86	0.61	0.60	1.3	10	3.9	1.1	0.53	0.40	0.22	0.29
3	0.39	0.85	0.57	0.69	1.3	6.8	2.7	4.7	0.51	0.40	0.22	0.28
4	0.36	0.80	0.57	0.58	1.2	3.8	2.1	19	0.82	0.39	0.21	0.26
5	0.40	0.82	0.59	0.60	1.1	3.1	1.9	5.0	0.96	0.38	0.20	0.24
6	0.59	0.85	0.59	1.1	8.8	2.7	1.7	2.4	0.79	0.35	0.19	0.22
7	0.44	0.86	0.62	0.75	7.5	2.5	1.6	1.6	0.60	0.35	0.18	0.21
8	0.46	0.86	0.71	0.70	3.5	2.2	1.5	1.2	0.50	0.36	0.19	0.21
9	0.46	0.86	0.72	0.70	2.5	2.3	1.6	1.3	0.50	0.32	0.19	0.20
10	0.48	0.87	0.99	0.70	2.2	2.0	1.5	2.2	0.47	0.33	0.19	0.19
11	0.52	0.88	0.83	0.70	1.8	1.8	1.5	1.2	0.46	0.38	0.19	0.17
12	0.55	0.88	0.66	0.70	1.6	3.2	2.3	1.1	0.45	0.38	0.18	0.16
13	0.59	0.86	0.67	0.70	1.5	3.9	1.9	1.2	0.44	0.41	0.18	0.20
14	0.84	0.87	0.66	0.65	1.3	1.9	1.6	1.0	0.51	0.39	0.79	7.2
15	0.64	0.92	0.56	0.57	1.2	1.7	1.4	0.98	0.51	0.31	0.44	7.2
16	0.62	0.95	0.56	0.56	1.2	1.6	1.4	0.92	0.49	0.29	0.24	0.79
17	0.56	0.94	2.0	0.57	1.1	1.5	1.2	0.90	0.46	0.27	0.27	0.48
18	0.50	0.94	0.87	0.56	1.1	1.5	1.2	1.2	0.44	0.27	0.27	1.5
19	0.52	0.95	0.70	16	1.1	1.4	1.1	0.86	0.44	0.27	0.29	0.53
20	0.52	0.95	0.63	7.2	1.1	1.3	1.1	0.83	0.43	0.27	0.27	0.52
21	0.54	0.95	0.65	4.7	1.1	1.7	1.0	0.82	0.44	0.26	0.25	70
22	0.55	0.95	0.56	3.5	1.0	1.2	1.0	0.82	0.47	0.52	0.24	8.9
23	0.60	1.6	0.85	16	0.97	1.2	0.99	0.80	1.2	e0.40	0.26	1.9
24	0.66	0.86	0.80	11	0.95	1.2	0.94	0.77	0.52	0.30	0.22	1.1
25	0.77	0.63	0.70	24	0.95	1.2	1.3	0.72	0.49	0.30	0.26	6.2
26	0.73	0.56	0.70	5.1	0.95	1.3	0.95	0.70	0.48	0.40	0.44	11
27	0.81	0.58	0.69	3.2	0.95	1.1	0.95	0.69	0.44	0.31	0.32	13
28	0.88	0.59	0.66	2.5	0.95	1.1	0.91	0.67	0.50	0.27	0.60	2.8
29	0.92	0.63	0.60	2.0	---	1.4	0.83	0.62	0.45	0.24	0.28	e2.5
30	0.86	0.80	0.56	1.8	---	11	0.89	0.64	0.43	0.24	0.29	e1.8
31	0.86	---	0.56	1.6	---	13	---	0.62	---	0.23	0.32	---
TOTAL	18.50	25.78	22.13	110.59	51.72	91.55	51.96	60.06	16.32	10.40	8.63	140.37
MEAN	0.60	0.86	0.71	3.57	1.85	2.95	1.73	1.94	0.54	0.34	0.28	4.68
MAX	0.92	1.6	2.0	24	8.8	13	9.0	19	1.2	0.52	0.79	70
MIN	0.36	0.56	0.56	0.56	0.95	0.95	0.83	0.62	0.43	0.23	0.18	0.16
CFSM	0.29	0.41	0.34	1.71	0.88	1.41	0.83	0.93	0.26	0.16	0.13	2.24
IN.	0.33	0.46	0.39	1.97	0.92	1.63	0.92	1.07	0.29	0.19	0.15	2.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	0.60	0.86	0.71	3.57	1.85	2.95	1.73	1.94	0.54	0.49	0.32	2.57
MAX	0.60	0.86	0.71	3.57	1.85	2.95	1.73	1.94	0.54	0.63	0.36	4.68
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001	2001	2002
MIN	0.60	0.86	0.71	3.57	1.85	2.95	1.73	1.94	0.54	0.34	0.28	0.45
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	608.01			
ANNUAL MEAN	1.67		1.67	
HIGHEST ANNUAL MEAN			1.67	2002
LOWEST ANNUAL MEAN			1.67	2002
HIGHEST DAILY MEAN	70	Sep 21	70	Sep 21 2002
LOWEST DAILY MEAN	0.16	Sep 12	0.16	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	0.19	Aug 7	0.19	Aug 7 2002
MAXIMUM PEAK FLOW	928	Sep 21	928	Sep 21 2002
MAXIMUM PEAK STAGE	7.18	Sep 21	7.18	Sep 21 2002
ANNUAL RUNOFF (CFSM)	0.80		0.80	
ANNUAL RUNOFF (INCHES)	10.82		10.83	
10 PERCENT EXCEEDS	2.6		2.6	
50 PERCENT EXCEEDS	0.77		0.77	
90 PERCENT EXCEEDS	0.27		0.27	

e Estimated

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09* DATUM 885.00 NGVD29
Date Processed: 2003-03-12 08:35 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.23	1.29	1.27	1.25	1.34	1.30	---	1.36	1.25	1.22	1.18	1.21
2	1.23	1.29	1.26	1.26	1.33	1.53	1.42	1.29	1.24	1.22	1.18	1.20
3	1.22	1.29	1.25	1.27	1.33	1.53	1.38	1.40	1.24	1.22	1.18	1.20
4	1.21	1.28	1.25	1.25	1.32	1.44	1.36	1.68	1.26	1.22	1.17	1.19
5	1.22	1.29	1.25	1.26	1.32	1.41	1.34	1.47	1.27	1.22	1.17	1.19
6	1.25	1.29	1.25	1.31	1.50	1.40	1.33	1.39	1.27	1.21	1.17	1.18
7	1.23	1.29	1.26	1.28	1.54	1.39	1.33	1.35	1.25	1.21	1.16	1.17
8	1.23	1.29	1.27	1.27	1.43	1.38	1.32	1.32	1.24	1.21	1.16	1.17
9	1.23	1.29	1.27	1.27	1.39	1.38	1.33	1.33	1.24	1.20	1.16	1.17
10	1.24	1.29	1.30	1.27	1.38	1.37	1.32	1.37	1.23	1.20	1.16	1.16
11	1.24	1.29	1.29	1.27	1.36	1.36	1.32	1.32	1.23	1.22	1.16	1.15
12	1.25	1.29	1.26	1.27	1.35	1.41	1.36	1.31	1.23	1.22	1.16	1.14
13	1.25	1.29	1.26	1.27	1.34	1.43	1.34	1.32	1.23	1.23	1.16	1.16
14	1.29	1.29	1.26	1.26	1.33	1.37	1.33	1.31	1.24	1.23	1.21	1.49
15	1.26	1.30	1.25	1.25	1.32	1.36	1.32	1.30	1.24	1.21	1.22	1.49
16	1.26	1.30	1.25	1.25	1.32	1.35	1.31	1.30	1.24	1.20	1.18	1.28
17	1.25	1.30	1.32	1.25	1.31	1.34	1.30	1.29	1.23	1.20	1.19	1.25
18	1.24	1.30	1.29	1.25	1.31	1.34	1.30	1.32	1.23	1.20	1.19	1.33
19	1.24	1.30	1.27	1.57	1.31	1.33	1.30	1.29	1.23	1.19	1.20	1.25
20	1.24	1.30	1.26	1.53	1.32	1.33	1.29	1.29	1.23	1.20	1.19	1.25
21	1.25	1.30	1.26	1.47	1.31	1.35	1.29	1.29	1.23	1.19	1.19	1.90
22	1.25	1.30	1.25	1.42	1.31	1.32	1.29	1.28	1.23	1.21	1.19	1.55
23	1.26	1.34	1.28	1.67	1.30	1.32	1.28	1.28	1.30	---	1.19	1.36
24	1.26	1.29	1.28	1.55	1.30	1.32	1.28	1.28	1.24	1.20	1.18	1.31
25	1.28	1.26	1.27	1.77	1.30	1.32	1.30	1.27	1.24	1.20	1.19	1.46
26	1.27	1.25	1.27	1.48	1.30	1.33	1.28	1.27	1.24	1.22	1.23	1.55
27	1.28	1.25	1.27	1.42	1.30	1.32	1.28	1.27	1.23	1.21	1.21	1.63
28	1.29	1.25	1.26	1.39	1.30	1.31	1.28	1.27	1.24	1.19	1.24	1.40
29	1.30	1.26	1.26	1.37	---	1.33	1.27	1.26	1.23	1.19	1.20	---
30	1.29	1.28	1.25	1.36	---	1.54	1.27	1.26	1.23	1.18	1.20	---
31	1.29	---	1.25	1.35	---	1.62	---	1.26	---	1.18	1.21	---
MEAN	1.25	1.29	1.27	1.36	1.34	1.38	---	1.32	1.24	---	1.19	---
MAX	1.30	1.34	1.32	1.77	1.54	1.62	---	1.68	1.30	---	1.24	---
MIN	1.21	1.25	1.25	1.25	1.30	1.30	---	1.26	1.23	---	1.16	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09* DATUM 885.00 NGVD29
Date Processed: 2003-03-12 08:35 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.80	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.79	0.00	0.00	0.00	0.02	0.01	0.00
3	0.00	0.00	0.00	0.00	0.01	0.24	0.00	1.14	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.01	0.00	0.00	0.00	1.62	0.79	0.00	0.00	0.00
5	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
6	0.47	0.00	0.00	0.56	1.63	0.00	0.00	0.00	0.39	0.01	0.00	0.00
7	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.08	0.27	0.20	0.00	0.00	0.00	0.00
10	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.68	0.00	0.19	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00
12	0.01	0.00	0.01	0.05	0.00	0.72	0.63	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.21	0.01	0.00	0.25	0.14	0.27	0.00	0.29	0.00	0.77
14	0.52	0.00	0.08	0.00	0.06	0.00	0.04	0.00	0.16	0.00	0.89	1.04
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
17	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.03	0.03
18	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.40	0.00	0.00	0.09	0.44
19	0.00	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
20	0.00	0.00	0.00	0.00	0.17	0.14	0.00	0.00	0.00	0.00	0.00	0.19
21	0.00	0.00	0.00	0.37	0.00	0.31	0.00	0.00	0.00	0.00	0.00	4.64
22	0.00	0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.01
23	0.00	1.16	0.62	0.20	0.00	0.00	0.00	0.00	0.66	0.08	0.00	0.00
24	0.00	0.01	0.00	1.36	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.00
25	0.09	0.01	0.00	0.07	0.00	0.00	0.48	0.00	0.00	0.00	0.14	1.13
26	0.00	0.00	0.00	0.00	0.02	0.22	0.00	0.00	0.02	0.25	0.31	0.82
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.30
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.48	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.34	0.00	0.00	---	2.16	0.08	0.00	0.00	0.00	0.00	0.01
31	0.00	---	0.00	0.00	---	0.42	---	0.00	---	0.00	0.04	---
TOTAL	1.10	1.52	2.60	6.37	2.07	6.33	1.67	5.20	2.32	0.98	2.13	10.36

ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02217274 WHEELER CREEK AT BILL CHEEK ROAD NEAR AUBURN, GA

LOCATION.—Lat 34°04'56", long 83°51'17" referenced to North American Datum (NAD) of 1927, Jackson-Barrow County line, Hydrologic Unit 03070101, at concrete box culvert on Bill Cheek Road.

DRAINAGE AREA.—2.09 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.— June 1, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: June 1, 2001 to current year.
WATER TEMPERATURE: June 29, 2001 to current year.
TURBIDITY: June 29, 2001 to current year.

INSTRUMENTATION.— Satellite telemetry with a continuous water-quality monitor.

REMARKS.— Records fair, except turbidity, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 109 microsiemens, June 5, 2002; minimum recorded, 22 microsiemens, September 21, 2002.
WATER TEMPERATURE: Maximum recorded, 25.6°C, July 30, 2002; minimum recorded, 0.6°C, January 4, 2002.
TURBIDITY: Maximum recorded, >2200 NTU, on several days; minimum recorded, <2.0 NTU, on many days.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 52 microsiemens, August 3 and September 10; minimum, 28 microsiemens, July 25.
WATER TEMPERATURE: Maximum, 23.9°C, July 11; minimum, 12.1°C, September 27, 30.
TURBIDITY: Maximum, 640 NTU, September 24; minimum, 3.2 NTU, September 30.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 109 microsiemens, June 5; minimum, 22 microsiemens, September 21.
WATER TEMPERATURE: Maximum, 25.6°C, July 30; minimum recorded, 0.6°C, January 4.
TURBIDITY: Maximum, >2200 NTU, on several days; minimum, <2.0 NTU, on many days.

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 10:43 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 10:43 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 10:43 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	49	48	49	51	48	49	51	47	48
2	---	---	---	49	48	49	49	48	49	48	47	48
3	---	---	---	49	41	48	52	48	49	48	47	48
4	---	---	---	48	42	46	50	48	49	48	40	44
5	---	---	---	50	47	49	49	46	49	48	47	48
6	---	---	---	49	49	49	50	47	48	49	47	48
7	---	---	---	50	49	49	50	48	48	49	48	49
8	---	---	---	50	49	49	49	48	48	49	48	48
9	---	---	---	50	49	49	49	48	48	48	47	47
10	---	---	---	50	48	49	50	47	48	52	46	48
11	---	---	---	49	48	49	48	48	48	48	46	46
12	---	---	---	51	48	49	48	48	48	50	48	49
13	---	---	---	49	47	48	49	46	48	49	48	49
14	---	---	---	47	46	47	50	45	47	49	48	48
15	---	---	---	47	46	46	48	47	48	49	48	48
16	---	---	---	48	45	46	48	47	48	48	47	48
17	---	---	---	49	45	47	48	47	48	48	47	47
18	---	---	---	49	45	47	48	47	48	48	47	47
19	---	---	---	46	45	46	48	47	47	49	47	48
20	---	---	---	46	45	46	48	47	47	49	48	49
21	---	---	---	46	45	46	47	46	47	49	48	49
22	---	---	---	46	45	46	47	46	46	49	48	49
23	---	---	---	46	45	45	47	45	46	50	48	49
24	---	---	---	46	45	46	47	45	46	50	31	44
25	---	---	---	46	28	39	47	45	46	49	47	48
26	---	---	---	48	45	47	47	46	46	49	48	49
27	---	---	---	51	50	50	47	46	6	51	49	49
28	---	---	---	50	48	49	47	45	46	50	50	50
29	---	---	---	50	33	46	49	46	47	51	49	50
30	---	---	---	48	41	46	48	46	47	50	49	50
31	---	---	---	49	48	49	48	47	47	---	---	---
MONTH	---	---	---	51	28	47	52	45	46	52	31	48
YEAR	52	28	47									

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:48 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	50	49	50	49	48	49	49	47	48	48	47	48
2	50	46	48	49	48	49	48	46	47	48	47	47
3	50	45	46	50	48	49	48	46	47	49	45	46
4	65	46	48	49	48	49	48	45	47	49	47	48
5	65	48	51	50	48	49	46	44	45	48	47	48
6	50	45	48	50	48	48	46	45	46	62	44	51
7	48	46	47	48	47	48	48	45	46	54	51	53
8	47	46	47	48	47	47	48	46	47	52	48	50
9	47	46	47	49	47	48	47	45	46	49	47	48
10	47	46	46	49	47	48	49	45	46	49	47	48
11	47	46	47	50	47	48	55	47	50	49	47	48
12	48	46	47	47	46	47	49	47	48	49	47	48
13	49	47	48	48	46	46	49	47	48	53	48	49
14	52	48	50	47	46	46	49	47	48	48	47	48
15	52	48	49	49	46	47	52	48	49	48	46	48
16	49	47	48	48	46	47	51	47	49	48	46	47
17	49	48	48	49	46	47	48	34	46	48	46	47
18	48	47	47	47	46	46	48	42	47	48	46	47
19	48	47	47	50	46	48	48	47	48	50	29	43
20	48	47	47	50	47	48	48	47	48	51	49	49
21	48	47	47	49	46	47	48	47	48	50	41	48
22	49	47	48	47	45	46	48	47	48	50	39	48
23	50	48	49	71	46	50	48	45	47	47	26	42
24	51	49	50	71	51	54	51	46	48	58	30	49
25	53	50	52	51	49	50	51	48	49	44	30	41
26	53	51	52	49	48	48	48	48	48	45	44	45
27	52	50	50	49	47	48	51	48	49	46	45	46
28	---	---	---	49	47	48	50	48	49	49	44	47
29	49	49	49	48	47	48	48	47	48	47	46	47
30	49	48	48	52	47	49	48	47	48	48	47	48
31	49	48	48	---	---	---	48	47	48	48	48	48
MONTH	65	45	48	71	45	48	55	34	48	62	26	47

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:48 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	49	48	48	45	43	44	---	---	---	46	33	43
2	50	48	49	44	25	38	41	36	38	48	43	44
3	49	48	49	43	36	40	42	41	41	54	34	45
4	49	48	49	43	42	42	43	42	42	49	26	36
5	49	48	49	43	42	43	44	42	43	38	36	37
6	49	23	42	43	43	43	44	43	44	41	38	40
7	45	33	42	44	43	43	45	42	43	42	41	42
8	53	45	46	44	43	43	44	42	43	43	42	43
9	47	46	46	44	43	44	45	44	44	46	42	43
10	48	47	47	44	43	44	45	43	44	44	40	43
11	48	47	48	45	43	44	45	43	44	44	43	44
12	48	48	48	45	41	43	48	41	44	45	44	45
13	49	48	48	44	35	41	49	43	45	48	42	45
14	49	44	46	44	43	44	45	43	44	48	44	45
15	44	44	44	44	43	44	45	43	44	45	45	45
16	44	44	44	45	43	44	45	43	44	45	44	45
17	44	44	44	45	43	45	46	43	45	45	44	45
18	45	44	44	45	43	45	46	43	45	46	42	44
19	45	44	44	45	44	45	45	43	44	45	44	45
20	45	44	44	46	44	45	47	44	45	45	44	45
21	45	43	44	45	42	44	46	44	45	45	44	45
22	45	43	44	45	43	44	46	44	45	45	44	44
23	45	44	44	45	43	45	45	44	45	45	44	44
24	45	43	44	45	43	44	45	44	45	45	44	44
25	45	43	44	45	43	44	57	44	48	45	44	44
26	45	43	44	46	44	45	45	44	45	45	44	44
27	45	44	44	45	43	44	45	44	45	45	44	44
28	45	44	45	46	43	45	45	44	45	45	44	44
29	---	---	---	45	42	44	46	45	45	45	44	45
30	---	---	---	45	27	39	45	45	45	45	44	44
31	---	---	---	39	31	36	---	---	---	45	44	44
MONTH	53	23	46	46	25	43	57	36	44	54	26	44

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:48 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	45	44	44	45	44	44	45	42	43	49	48	49
2	45	44	44	45	43	44	45	42	43	50	48	48
3	45	44	44	44	43	44	45	43	44	49	47	48
4	46	41	45	44	43	44	45	43	44	49	46	48
5	109	45	57	44	43	44	45	44	44	48	46	47
6	71	42	47	44	43	43	46	44	45	48	46	47
7	62	47	53	44	43	43	47	45	46	48	46	47
8	48	45	47	44	43	43	47	45	46	48	46	47
9	46	45	45	46	42	44	46	44	45	47	46	47
10	46	44	45	46	42	43	46	44	45	47	46	47
11	45	44	45	47	42	45	46	44	45	49	47	48
12	45	44	45	45	44	44	46	44	45	49	47	48
13	45	44	45	45	44	45	46	44	45	50	46	50
14	47	44	45	47	45	46	73	43	46	56	36	49
15	48	44	45	46	44	45	96	66	92	54	34	45
16	44	43	44	46	44	45	85	52	63	52	50	51
17	44	42	43	46	44	45	52	48	50	51	49	50
18	44	43	44	47	44	45	51	48	50	56	47	53
19	44	43	44	46	44	45	50	47	48	55	53	54
20	44	43	43	47	44	45	50	47	48	54	52	53
21	44	42	43	47	44	45	49	47	48	56	22	48
22	44	42	43	---	---	---	49	47	48	48	42	46
23	52	35	43	---	---	---	49	47	48	49	48	49
24	45	41	44	49	46	47	51	48	49	50	49	49
25	47	44	45	47	46	46	55	49	52	52	40	48
26	47	45	45	64	41	46	54	46	49	55	29	47
27	45	43	45	68	56	64	67	51	58	52	37	46
28	51	43	45	61	46	49	74	42	64	54	52	53
29	46	45	45	46	44	45	69	49	55	55	54	54
30	46	44	45	46	43	44	49	48	48	56	54	55
31	---	---	---	45	43	44	49	48	48	---	---	---
MONTH	109	35	45	68	41	45	96	42	50	56	22	49
YEAR	109	22	46									

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 10:35 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 10:35 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 10:35 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	21.6	19.6	20.5	22.3	20.7	21.5	21.6	20.6	21.0
2	---	---	---	22.6	19.7	21.1	22.1	20.4	21.2	21.2	20.3	20.7
3	---	---	---	21.5	20.1	20.8	22.0	20.2	21.1	21.0	20.5	20.7
4	---	---	---	21.8	20.0	20.9	22.2	20.7	21.4	21.5	20.7	21.0
5	---	---	---	22.3	19.9	21.0	22.6	20.9	21.6	22.6	20.1	21.2
6	---	---	---	22.3	19.2	20.7	22.5	20.9	21.6	22.5	20.2	21.4
7	---	---	---	21.2	18.9	20.3	22.2	20.5	21.3	22.2	20.1	21.2
8	---	---	---	22.3	19.8	21.0	23.2	21.0	21.9	21.9	19.5	20.7
9	---	---	---	23.5	21.2	22.2	23.3	21.5	22.4	21.8	19.9	21.0
10	---	---	---	23.4	21.1	22.2	23.6	21.7	22.5	22.6	20.9	21.7
11	---	---	---	23.9	21.4	22.6	23.1	21.7	22.4	22.6	21.1	21.8
12	---	---	---	23.5	21.4	22.5	23.0	21.5	22.2	22.4	20.4	21.5
13	---	---	---	23.1	21.5	22.4	22.7	21.6	22.0	21.1	18.2	19.7
14	---	---	---	22.5	20.1	21.4	23.0	20.9	21.8	20.9	18.0	19.5
15	---	---	---	21.8	19.0	20.6	22.8	20.3	21.6	19.9	16.6	18.1
16	---	---	---	21.5	18.9	20.3	22.9	20.5	21.6	17.6	14.2	16.0
17	---	---	---	22.0	19.1	20.6	22.6	20.9	21.8	17.7	14.3	16.1
18	---	---	---	22.3	19.6	21.0	23.5	21.3	22.3	17.9	14.4	16.2
19	---	---	---	22.7	20.2	21.3	22.9	21.2	22.0	18.6	16.5	17.6
20	---	---	---	22.3	20.9	21.6	22.9	21.1	21.9	20.2	18.0	19.0
21	---	---	---	22.0	20.8	21.4	22.2	18.9	20.6	19.8	16.7	18.4
22	---	---	---	22.4	19.3	20.8	21.8	18.4	20.2	19.9	16.9	18.5
23	---	---	---	23.0	19.1	20.9	22.3	19.4	20.8	20.2	17.6	19.0
24	---	---	---	22.3	21.0	21.5	23.2	20.3	21.6	20.3	18.0	19.4
25	---	---	---	22.4	21.2	21.9	22.5	20.5	21.5	18.0	15.0	16.3
26	---	---	---	22.5	20.8	21.5	22.6	20.3	21.5	15.9	12.4	14.3
27	---	---	---	---	---	---	23.1	20.7	21.9	16.1	12.1	14.2
28	---	---	---	22.4	20.7	21.2	22.7	20.8	21.6	16.4	12.9	14.7
29	---	---	---	23.5	20.6	21.4	22.6	21.0	21.7	15.8	13.2	14.5
30	21.1	19.8	20.4	23.0	21.0	21.8	22.1	21.2	21.6	15.3	12.1	13.8
31	---	---	---	22.7	21.3	22.0	21.9	20.9	21.4	---	---	---
MONTH	21.1	19.8	20.4	23.9	18.9	21.3	23.6	18.4	21.6	22.6	12.1	18.6
YEAR	23.9	12.1	20.5									

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:12 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	15.8	12.4	14.2	13.9	10.1	11.9	14.2	10.7	12.3	5.6	2.2	3.9
2	16.3	12.7	14.5	15.0	11.4	13.2	13.8	9.9	11.7	4.2	3.3	3.7
3	16.6	13.0	14.8	16.3	13.2	14.5	12.4	8.9	10.6	4.1	2.2	3.1
4	16.8	13.3	15.1	15.2	12.6	13.9	11.9	7.6	9.6	4.3	0.6	2.3
5	16.0	13.8	15.0	13.8	10.1	12.0	12.3	7.7	10	5.4	1.2	3.1
6	17.1	14.5	16.2	12.0	8.7	10.5	14.1	10.0	11.9	6.0	4.1	5.1
7	14.9	12.1	13.6	11.9	7.6	9.8	14.7	10.7	12.6	5.7	4.2	5.2
8	13.6	10.6	12.1	12.7	8.6	10.7	15.1	11.6	13.4	5.9	2.8	4.1
9	13.3	9.9	11.6	13.3	9.5	11.4	14.3	12.4	13.3	7.6	2.9	5.0
10	14.4	10.8	12.7	12.9	9.2	11.1	13.0	10.0	11.2	10.2	5.8	7.9
11	16.3	14.2	15.2	12.9	9.2	11.0	11.7	9.9	10.5	11.5	7.7	9.8
12	17.2	15.6	16.4	12.3	9.1	10.7	11.5	10.2	10.9	7.7	5.4	6.6
13	18.4	16.7	17.6	10.9	7.7	9.4	12.9	11.5	12.2	8.4	4.8	6.3
14	18.8	16.2	18.1	11.3	7.2	9.3	15.7	12.3	13.9	7.2	4.2	5.6
15	16.6	13.7	15.2	11.9	7.8	9.8	12.8	9.3	11.1	8.5	4.8	6.4
16	14.4	11.9	13.2	11.9	7.5	9.7	11.7	8.8	10.3	7.5	3.7	5.5
17	12.6	9.9	11.1	12.4	8.0	10.2	12.8	11.2	11.8	8.7	3.4	5.9
18	12.2	8.5	10.3	12.4	8.7	10.6	12.7	10.0	11.6	10.1	6.9	8.4
19	12.9	8.6	10.8	12.4	8.4	10.4	11.0	7.7	9.5	8.0	6.5	7.5
20	14.5	10.5	12.4	12.4	9.4	11.1	9.8	7.1	8.6	9.1	6.4	7.7
21	15.3	11.5	13.3	10.0	6.8	8.5	8.9	5.3	6.9	10.4	7.2	8.5
22	16.1	12.7	14.3	10.3	6.0	8.2	8.5	4.6	6.4	9.6	5.9	7.9
23	17.1	14.0	15.4	11.8	9.1	10.2	9.2	6.0	7.4	9.9	7.6	8.9
24	17.0	14.0	15.6	13.9	11.8	12.8	9.0	5.6	7.3	12.5	9.9	11.3
25	17.1	13.8	15.9	16.2	12.7	14.5	7.0	3.8	5.3	11.9	9.4	10.9
26	13.8	11.1	12.4	14.9	11.2	13.0	5.3	3.2	4.2	10.9	7.5	9.1
27	11.1	8.6	9.8	16.8	13.6	15.0	5.5	2.3	3.6	11.0	6.8	8.8
28	---	---	---	16.3	13.3	14.7	7.6	3.0	5.1	12.8	8.3	10.3
29	10.3	6.1	8.2	16.4	13.5	14.9	9.2	5.9	7.1	14.4	9.6	11.8
30	11.4	6.9	9.1	16.3	12.8	15.1	6.7	4.5	5.5	15.0	10.9	12.8
31	11.7	7.6	9.8	---	---	---	5.6	4.1	4.8	15.5	11.9	13.6
MONTH	18.8	6.1	13.5	16.8	6.0	11.6	15.7	2.3	9.4	15.5	0.6	7.3

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:12 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.1	11.4	13.8	8.6	1.9	5.1	---	---	---	16.7	14.8	15.7
2	11.6	8.2	9.9	8.0	6.3	6.9	18.4	11.2	14.7	19.8	15.7	17.6
3	9.1	7.4	8.2	9.6	6.0	8.4	19.2	12.9	15.5	18.6	17.1	18.0
4	9.7	6.3	7.8	7.8	4.0	5.6	16.7	11.2	13.6	17.1	14.9	15.7
5	7.1	4.9	6.1	9.9	3.5	6.3	16.8	9.7	12.8	16.7	14.6	15.5
6	6.6	5.0	5.8	11.6	4.5	7.7	16.2	8.8	12.2	17.2	14.2	15.8
7	8.5	6.0	7.5	12.8	5.9	9.0	16.5	9.3	12.5	18.7	15.3	17.0
8	10.6	5.9	8.0	13.9	7.0	10.4	16.6	11.4	13.6	19.5	16.5	17.9
9	11.2	5.9	8.6	14.4	11.0	12.5	15.4	14.1	14.7	19.8	16.8	18.2
10	13.7	10.0	11.5	12.9	8.2	10.4	18.4	14.1	15.7	20.2	16.9	18.3
11	11.4	8.0	9.7	12.5	5.8	9.0	16.4	14.7	15.3	18.8	17.3	17.9
12	10.6	5.7	8.0	10.2	9.2	9.7	15.7	14.7	15.1	18.2	16.7	17.4
13	11.5	7.5	9.0	15.1	10.2	12.0	16.0	14.7	15.2	19.4	16.6	18.1
14	10.9	6.0	8.3	16.7	9.6	12.8	18.7	14.9	16.4	16.7	14.0	15.5
15	11.2	6.0	8.5	16.5	10.1	13.4	20.4	14.7	17.3	16.9	12.6	14.8
16	12.4	8.2	9.9	18.2	13.2	15.4	20.4	15.1	17.7	17.4	13.2	15.4
17	11.1	6.7	8.6	18.8	14.1	16.2	21.2	16.0	18.4	18.7	15.1	16.9
18	10.5	4.8	7.4	17.7	13.9	15.7	21.4	16.3	18.7	18.1	15.2	17.4
19	10.7	4.6	7.7	16.2	14.0	14.9	22.0	16.4	19.0	15.7	13.1	14.4
20	11.3	8.0	9.4	17.1	13.5	15.0	21.6	17.6	19.3	14.9	12.3	13.7
21	13.4	7.9	10.4	17.9	13.1	15.1	21.8	17.6	19.5	14.3	11.4	13.0
22	11.8	7.6	9.5	13.4	8.3	10.7	19.1	15.9	18.0	14.8	11.7	13.3
23	11.4	5.8	8.5	13.7	5.9	9.4	18.0	13.4	15.8	15.5	11.0	13.3
24	11.9	5.4	8.4	15.1	6.8	10.8	18.1	14.0	16.0	16.8	12.1	14.5
25	12.6	5.8	9.0	17.3	9.6	13.3	18.9	15.7	17.0	17.9	13.6	15.8
26	12.8	7.5	9.8	15.4	13.0	14.1	15.7	13.0	14.0	18.3	15.5	17.0
27	7.5	3.7	5.5	16.7	10.2	13.0	15.3	13.3	14.3	19.2	16.4	17.8
28	7.8	1.8	4.4	15.9	8.2	11.8	19.4	15.2	17.1	19.3	16.1	17.7
29	---	---	---	17.5	9.3	13.1	19.5	16.2	17.9	19.3	16.2	17.8
30	---	---	---	16.1	13.9	14.9	16.2	14.0	14.8	19.2	16.5	17.9
31	---	---	---	16.8	13.7	14.9	---	---	---	20.4	17.3	18.8
MONTH	15.1	1.8	8.5	18.8	1.9	11.5	22.0	8.8	15.9	20.4	11.0	16.4

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:12 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	18.2	19.8	23.5	21.2	22.1	24.6	22.0	23.4	22.0	20.0	20.9
2	22.1	18.9	20.5	22.9	20.1	21.5	24.7	21.9	23.3	22.0	19.7	20.9
3	22.4	19.4	21.0	22.9	20.5	21.6	24.3	21.3	22.7	22.3	19.5	21.0
4	22.4	19.8	21.0	22.3	20.3	21.4	24.1	20.8	22.5	23.0	20.2	21.6
5	22.1	19.8	20.9	23.5	20.5	22.0	24.5	21.2	22.9	23.5	20.8	22.1
6	21.2	19.8	20.6	24.0	21.2	22.6	25.4	22.2	23.8	23.2	21.2	22.1
7	21.5	19.2	20.4	23.4	21.0	22.3	24.1	22.0	23.0	22.0	19.4	20.7
8	20.9	19.1	20.1	23.5	21.2	22.3	22.8	19.9	21.5	21.3	18.9	20.2
9	20.3	16.9	18.6	22.6	19.6	21.3	22.4	19.2	20.9	21.1	18.1	19.6
10	20.3	16.3	18.4	24.0	21.1	22.4	22.5	19.6	21.0	21.2	17.8	19.5
11	20.7	16.8	18.8	22.9	21.3	22.1	22.1	19.0	20.7	21.7	17.9	19.9
12	21.0	17.1	19.1	21.8	20.1	20.5	22.6	19.0	20.9	21.1	19.0	20.2
13	21.7	18.1	20.0	20.7	19.8	20.2	22.9	19.5	21.4	20.9	19.1	20.2
14	20.9	19.2	20.3	22.8	20.2	21.4	23.4	20.6	21.9	22.8	20.5	21.7
15	20.2	17.9	19.1	23.6	20.9	22.3	23.9	21.7	22.8	22.0	20.8	21.4
16	19.5	16.3	18.2	24.1	21.2	22.7	23.8	22.2	23.0	22.7	20.5	21.5
17	20.3	17.4	18.9	24.5	21.8	23.2	23.9	22.2	23.0	22.0	21.0	21.5
18	20.5	17.1	18.9	25.0	22.0	23.4	23.8	21.5	22.7	22.2	21.2	21.7
19	20.8	18.2	19.5	24.2	21.9	23.2	24.3	21.4	22.8	21.8	21.1	21.5
20	21.4	18.5	20.0	24.8	22.3	23.4	24.3	21.3	22.9	22.2	21.1	21.5
21	20.7	17.8	19.3	25.0	21.9	23.4	24.8	22.2	23.6	22.7	21.3	21.8
22	20.1	17.8	19.0	---	---	---	24.0	22.4	23.3	21.7	20.8	21.2
23	21.2	19.4	20.1	---	---	---	24.8	22.2	23.5	21.3	20.5	20.8
24	21.5	19.5	20.5	22.8	21.0	22.0	25.0	22.6	23.8	20.5	20.0	20.2
25	21.1	20.0	20.6	22.9	21.4	22.1	24.1	22.8	23.4	20.0	17.3	18.7
26	21.6	20.0	20.7	23.4	21.7	22.5	23.3	21.5	22.4	19.9	17.3	18.0
27	22.4	20.1	21.2	24.0	21.8	22.9	22.4	20.8	21.6	21.2	19.9	20.6
28	21.3	20.1	20.8	25.1	22.1	23.5	22.4	21.0	21.7	20.4	19.0	19.9
29	22.8	20.1	21.4	25.3	22.7	23.9	22.2	20.7	21.4	20.2	19.5	19.8
30	23.2	20.5	21.9	25.6	23.1	24.3	21.6	20.9	21.2	20.4	19.4	19.8
31	---	---	---	24.6	22.9	23.9	21.1	20.5	20.8	---	---	---
MONTH	23.2	16.3	20.0	25.6	19.6	22.4	25.4	19.0	22.4	23.5	17.3	20.7
YEAR	25.6	0.6	15.0									

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:02 By ceoberst
APPROVED
DD #6, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:02 By ceoberst
APPROVED
DD #6, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 11:02 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	13	6.2	8.3	11	6.1	7.6	11	5.1	6.9
2	---	---	---	11	6.1	7.8	9.3	5.8	6.8	9.6	4.5	6.0
3	---	---	---	153	6.2	8.4	9.0	4.8	6.2	12	4.9	6.1
4	---	---	---	51	9.0	18	9.4	4.7	5.8	66	5.8	17
5	---	---	---	21	8.3	12	21	4.7	6.3	12	6.0	7.4
6	---	---	---	13	6.4	8.1	17	5.0	7.2	9.7	5.0	6.3
7	---	---	---	12	6.3	7.7	9.4	4.9	6.2	8.9	4.8	5.9
8	---	---	---	13	6.0	7.3	8.0	4.3	5.7	8.6	4.5	6.1
9	---	---	---	11	6.3	7.9	10	4.3	5.7	9.2	4.5	6.0
10	---	---	---	11	6.4	7.9	8.2	4.7	5.8	26	4.5	6.5
11	---	---	---	12	6.7	7.9	9.5	4.6	5.7	25	6.0	7.5
12	---	---	---	11	6.2	7.6	9.8	4.5	5.8	9.4	4.9	5.9
13	---	---	---	26	6.6	8.2	19	4.5	6.2	9.7	4.2	5.7
14	---	---	---	11	5.7	7.6	37	6.7	11	11	4.3	5.6
15	---	---	---	12	5.6	7.0	11	5.3	6.6	9.2	4.1	5.5
16	---	---	---	9.9	5.4	6.5	8.7	4.5	5.8	7.8	3.4	4.6
17	---	---	---	11	5.2	6.5	8.1	4.4	5.4	6.4	3.3	4.1
18	---	---	---	9.7	5.4	6.5	7.1	4.3	5.4	8.4	3.2	4.3
19	---	---	---	8.9	5.0	6.6	8.9	4.3	5.6	8.4	3.5	4.7
20	---	---	---	9.8	5.2	6.6	8.4	4.1	5.1	9.2	3.9	5.2
21	---	---	---	13	5.1	6.3	7.4	4.0	5.0	7.8	4.0	5.2
22	---	---	---	9.8	5.0	6.2	9.9	4.0	5.4	9.2	3.8	5.2
23	---	---	---	8.6	5.0	6.3	7.6	3.9	5.0	8.9	4.0	5.8
24	---	---	---	12	5.4	7.2	7.8	4.0	5.0	636	5.5	43
25	---	---	---	513	5.9	76	8.3	3.9	5.4	28	8.0	12
26	---	---	---	44	11	20	7.2	4.3	5.3	11	5.5	6.5
27	---	---	---	---	---	---	8.4	4.5	5.4	7.9	3.9	4.8
28	---	---	---	13	6.9	8.7	7.4	4.5	5.3	8.5	3.3	4.4
29	---	---	---	379	6.4	8.5	9.4	4.5	5.6	6.0	3.5	4.3
30	13	6.6	8.6	91	9.7	20	13	4.7	6.7	6.9	3.2	4.2
31	---	---	---	15	7.0	8.6	13	4.8	6.3	---	---	---
MAX	13	6.6	8.6	513	11	76	37	6.7	11	636	8.0	43
MIN	13	6.6	8.6	8.6	5.0	6.2	7.1	3.9	5.0	6.0	3.2	4.1

YEAR		
	MAX	MAXIMUM 636 MINIMUM 6.0
	MIN	MAXIMUM 11 MINIMUM 3.2
	MEDIAN	MAXIMUM 76 MINIMUM 4.1

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 12:01 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16	3.2	4.3	2.6	<2.0	<2.0	---	---	---	2.5	<2.0	<2.0
2	9.5	3.4	4.4	4.5	<2.0	2.0	---	---	---	2.1	<2.0	<2.0
3	9.7	3.2	4.6	4.4	<2.0	2.3	---	---	---	<2.0	<2.0	<2.0
4	10	2.8	4.1	4.4	<2.0	2.4	---	---	---	<2.0	<2.0	<2.0
5	9.8	2.3	3.6	6.6	<2.0	2.2	---	---	---	<2.0	<2.0	<2.0
6	25	3.7	12	10	<2.0	2.2	---	---	---	62	<2.0	14
7	23	3.3	4.9	3.0	<2.0	2.0	---	---	---	11	2.6	4.2
8	5.9	2.5	3.1	3.3	<2.0	2.1	4.7	2.2	3.0	3.6	<2.0	<2.0
9	5.3	2.0	2.5	4.0	<2.0	2.6	4.0	2.4	2.9	2.6	<2.0	<2.0
10	4.6	<2.0	2.5	5.4	<2.0	2.0	11	2.6	4.1	11	<2.0	<2.0
11	6.5	2.2	3.1	3.9	<2.0	2.4	10	3.0	4.0	3.6	<2.0	2.3
12	21	2.9	3.7	3.0	<2.0	<2.0	14	<2.0	2.9	2.8	<2.0	<2.0
13	8.1	3.1	4.0	2.2	<2.0	<2.0	5.5	<2.0	2.2	3.7	<2.0	<2.0
14	15	3.8	7.9	2.7	<2.0	<2.0	4.8	2.0	2.7	2.0	<2.0	<2.0
15	8.0	3.7	4.9	2.4	<2.0	<2.0	5.5	<2.0	2.2	<2.0	<2.0	<2.0
16	5.6	2.9	3.7	4.8	<2.0	<2.0	3.4	<2.0	<2.0	2.1	<2.0	<2.0
17	5.3	2.4	3.2	5.9	<2.0	<2.0	719	<2.0	2.0	2.7	<2.0	<2.0
18	3.8	2.0	2.4	2.8	<2.0	<2.0	793	19	63	2.7	<2.0	<2.0
19	3.9	<2.0	2.3	3.1	<2.0	<2.0	20	8.3	12	>1100	<2.0	22
20	3.7	<2.0	2.4	3.1	<2.0	2.0	8.9	5.3	6.4	359	47	71
21	5.3	<2.0	2.6	2.5	<2.0	<2.0	5.9	3.6	4.3	>1100	38	81
22	5.1	2.0	2.7	2.3	<2.0	<2.0	5.3	2.8	3.6	825	35	51
23	5.6	2.1	2.7	33	<2.0	2.0	25	2.7	6.7	>1100	66	154
24	4.9	2.1	2.7	31	5.1	8.9	24	4.2	8.7	>1100	41	54
25	6.5	2.6	3.2	---	---	---	4.5	2.3	2.7	>1100	54	96
26	3.5	2.1	2.5	---	---	---	2.5	<2.0	<2.0	59	33	40
27	3.0	<2.0	2.1	---	---	---	<2.0	<2.0	<2.0	254	23	30
28	2.5	<2.0	<2.0	6.9	3.9	4.8	8.3	<2.0	4.9	446	20	25
29	3.1	<2.0	<2.0	---	---	---	3.6	2.3	2.6	207	23	30
30	4.7	<2.0	<2.0	---	---	---	2.6	<2.0	<2.0	41	22	28
31	5.9	<2.0	<2.0	---	---	---	2.0	<2.0	<2.0	72	21	26
MAX	25	3.8	12	33	5.1	8.9	793	19	63	>1100	66	154
MIN	2.5	<2.0	<2.0	2.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 12:01 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	29	20	23	53	<5.0	8.0	176	39	56	>2200	7.7	123
2	24	15	18	>2200	6.5	140	144	28	59	588	39	54
3	21	11	13	1490	57	132	44	20	25	>2200	39	290
4	22	11	13	103	27	37	50	15	19	>2200	97	203
5	14	7.7	10	55	18	27	21	11	15	104	48	65
6	>1100	8.4	24	53	14	21	18	11	15	50	27	32
7	>1100	63	158	31	14	19	21	11	14	33	22	26
8	70	35	44	26	13	20	20	11	15	32	19	22
9	54	25	31	28	16	20	22	14	18	41	18	21
10	38	25	30	28	13	17	21	13	16	1570	16	22
11	92	20	27	19	8.3	12	20	13	15	182	25	36
12	27	16	20	93	12	40	328	14	19	29	18	23
13	29	14	17	>2200	41	78	78	22	28	187	16	21
14	24	13	16	48	24	29	33	18	22	175	15	18
15	21	10	13	103	18	27	---	---	---	23	9.5	14
16	26	10	14	31	19	24	---	---	---	22	11	14
17	27	10	14	28	17	22	---	---	---	18	11	14
18	30	9.7	15	27	15	19	---	---	---	239	15	41
19	27	8.8	12	28	13	17	10	6.4	8.2	30	12	15
20	23	9.5	16	30	13	16	467	5.9	9.9	20	9.1	13
21	26	9.3	13	40	17	22	12	7.7	9.3	51	8.0	11
22	30	10	14	36	9.5	14	12	7.2	9.0	42	8.3	10
23	25	7.1	10	22	7.2	10	10	5.6	7.4	19	6.6	9.5
24	20	6.8	10	12	<5.0	7.7	12	5.5	7.2	15	7.3	11
25	16	7.6	9.7	15	5.3	9.0	167	6.2	42	18	8.2	11
26	21	8.1	10	40	8.3	12	17	6.0	9.7	21	10	13
27	20	5.7	10	18	7.2	10	10	<5.0	6.3	23	13	17
28	14	<5.0	7.4	18	5.4	8.5	89	6.3	10	22	11	16
29	---	---	---	14	<5.0	8.1	15	7.0	9.2	19	11	14
30	---	---	---	>2200	8.0	121	13	7.6	9.8	16	10	14
31	---	---	---	1010	65	140	---	---	---	19	11	14
MAX	>1100	63	158	>2200	65	140	467	39	59	>2200	97	290
MIN	14	<5.0	7.4	12	<5.0	7.7	10	<5.0	6.3	15	6.6	9.5

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 2.09 CONTRIBUTING DRAINAGE AREA 2.09 DATUM 885.00 NGVD29
Date Processed: 2003-03-14 12:01 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19	12	15	33	19	24	30	17	22	47	21	26
2	21	12	15	43	17	22	32	20	24	49	23	27
3	23	13	16	33	17	21	32	19	23	38	24	30
4	429	14	17	28	16	20	30	18	22	52	25	31
5	2190	52	101	25	17	20	36	17	25	50	29	35
6	1610	35	71	37	17	21	40	18	26	55	32	41
7	668	43	62	28	16	20	40	21	29	59	34	44
8	74	31	42	27	15	20	41	19	29	54	31	39
9	48	26	33	56	22	28	38	16	27	54	30	43
10	43	22	27	50	16	24	34	16	26	55	33	45
11	36	19	25	34	16	21	36	16	27	64	42	54
12	29	18	22	47	12	17	35	15	27	70	50	60
13	125	20	24	33	12	16	115	17	29	129	39	62
14	35	19	25	29	14	18	>2200	16	26	>2200	114	996
15	31	15	20	28	13	17	>2200	179	733	>2200	232	792
16	44	15	20	28	14	18	328	63	100	331	100	140
17	38	16	23	34	15	19	73	47	60	142	66	91
18	26	17	20	39	16	19	65	37	48	618	82	226
19	29	16	20	39	18	22	50	30	38	177	51	66
20	26	15	19	26	15	20	53	31	37	92	46	59
21	26	15	18	31	16	21	76	34	43	1260	58	330
22	29	13	17	284	15	22	75	35	40	520	52	88
23	2190	20	54	711	43	124	44	27	33	53	30	38
24	736	50	74	48	20	26	49	29	36	126	23	28
25	58	35	43	32	15	19	54	36	44	1280	23	283
26	49	30	36	420	15	22	281	27	37	1260	69	178
27	102	23	31	392	53	112	451	53	162	1140	48	201
28	128	25	34	53	23	28	1110	49	378	---	---	---
29	40	21	26	44	21	26	236	37	53	---	---	---
30	39	22	27	33	20	25	44	29	34	---	---	---
31	---	---	---	35	20	24	46	25	30	---	---	---
MAX	2190	52	101	711	53	124	>2200	179	733	>2200	232	996
MIN	19	12	15	25	12	16	30	15	22	38	21	26

YEAR			
	MAX	MAXIMUM >2200	MINIMUM 2.0
	MIN	MAXIMUM 232	MINIMUM <2.0
	MEDIAN	MAXIMUM 996	MINIMUM <2.0

> Actual value is known to be greater than the value shown

ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA

LOCATION.—Lat 34°04'56", long 83°51'17" referenced to North American Datum (NAD) of 1927, Jackson-Barrow County line, Hydrologic Unit 03070101, at concrete box culvert on Bill Cheek Road.

DRAINAGE AREA.—2.09 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—June 29, 2001 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL											
25-25	0535	1.32	1.2	310	8.0	92	6.4	31	22.3	78	293
AUG											
30...	1343	1.22	.40	9.0	8.1	92	7.1	48	22.0	75	38
SEP											
03-03	2350	1.24	.50	63	8.4	94	7.1	22	20.9	88	59
20...	1030	1.22	.45	5.9	8.3	88	6.8	46	18.5	94	20
SEP											
24-24	1050	1.40	2.6	100	8.1	88	6.4	36	19.6	94	68

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
JUL													
25-25	0535	1.32	1.2	280	6.5	32	370	71	32	2.0	.360	2.4	.06
AUG													
30...	1343	1.22	.40	9.0	7.3	49	13	--	E42c	<.20	.640	--	<.020
SEP													
03-03	2350	1.24	.50	49	6.8	43	39	--	38	.55	.560	1.1	<.020
20...	1030	1.22	.45	6.8	7.3	48	5	--	47	<.20	.600	--	<.02
SEP													
24-24	1050	1.40	2.6	75	6.4	38	61	--	30	.90	.440	1.3	<.02

02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA—continued.

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL					
25-25	.28	4.6	78000	78	293
AUG					
30...	<.020	1.4	730	75	38
SEP					
03-03	<.020	3.3	5900	88	59
20...	<.02	1.4	330	94	20
SEP					
24-24	.08	6.1	32000	94	68

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT												
23...	0827	1.28	.70	1.9	8.8	89	6.6	48	16.0	14.0	--	13
FEB												
06-06	1905	1.83	26	--	--	--	6.5	20	--	5.5	91	787
FEB												
06-06	1930	1.94	36	860	12.6	100	6.2	32	--	5.5	--	--
14...	1115	1.31	1.3	17	12.1	102	6.7	48	5.7	7.5	--	--
14...	1125	1.31	1.3	--	12.1	102	6.8	48	5.7	7.5	--	--
MAR												
05...	1130	1.43	3.0	33	13.0	106	7.1	45	11.2	6.0	--	--
MAR												
30-30	1443	1.35	1.9	340	8.6	89	6.6	43	19.5	15.5	--	--
APR												
18...	1132	1.28	1.2	14	9.9	108	6.4	49	--	18.9	--	--
MAY												
01-01	0853	1.48	5.7	>1100a	9.6	96	6.1	45	--	15.2	--	--
JUN												
11...	1115	1.26	.50	33	9.0	97	6.6	48	28.0	18.2	93	35
AUG												
13...	0939	1.23	.45	26	6.1	67	6.6	47	--	20.3	88	23
AUG												
26-26	2014	1.37	.40	110	7.7	91	6.8	45	--	22.0	94	79
SEP												
14-14	1630	1.85	.20	>1100a	7.9	93	6.2	43	--	22.1	93	2360

02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
23...	0827	1.28	.70	--	7.1	50	3	--	47	--	<.20c	--	.310
FEB													
06-06	1905	1.83	26	660	6.2	37	706	96	26	.090	2.0	.33	.340
14...	1125	1.31	1.3	12	7.1	53	5	2	44	.034	.20	.82	.820
MAR													
05...	1140	1.43	3.0	19	7.0	48	28	1	41	.074	<.20	.82	.830
MAR													
30-30	1420	1.35	1.9	280	6.8	46	129	19	34	.022	.40	.52	.530
APR													
18...	1130	1.28	1.2	8.4	7.0	48	7	<1	34	.017	<.20	.68	.680
MAY													
01-01	0900	1.47	5.3	2000d	6.1	45	1170	151	41	.654	3.3	.60	.620
JUN													
11...	1120	1.26	.50	20	7.1	50	11	<1	40	.047	<.20	.81	.830
AUG													
13...	0915	1.23	.45	62	6.9	47	87	15	31	.036	.70	.39	.390
AUG													
26-26	2010	1.36	.40	77	7.0	45	44	9	44	.033	.40	.49	.500
SEP													
14-14	1620	1.53	.20	1800d	6.5	49	1520	178	28	.664	3.2	.34	.370

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
23...	--	<.02c	<.02c	4.1	62	--	13
FEB							
06-06	2.3	.03	.34	5.4	--	91	787
14...	1.0	<.02	<.02	3.4	113	--	--
MAR							
05...	--	<.02	.03	2.5	19k	96	29
MAR							
30-30	.93	<.02	.06	3.9	1300	97	183
APR							
18...	--	<.02	<.02	1.4	150	98	26
MAY							
01-01	3.9	<.02	.33	5.2	3600	98	1290
JUN							
11...	--	<.02	.02	1.1	223	92	25
AUG							
13...	1.1	<.02	.05	1.7	150	85	104
AUG							
26-26	.90	<.02	.05	4.6	2500	96	78
SEP							
14-14	3.6	.05	.65	3.3	19300	92	2580

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

ALTAMAHA RIVER BASIN
2002 Water Year

02217297 MULBERRY RIVER NEAR WINDER, GA

LOCATION.-- Lat 34°02'45" long 83°42'42" referenced to North American Datum (NAD) of 1927, Barrow County, Hydrologic Unit 03070101, 0.2 miles downstream from Hawk Creek, 1.1 miles upstream of Indian Creek, and 3.5 miles north of Winder.

DRAINAGE AREA.-109 mi^2.

COOPERATION.—City of Winder.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--May 9, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage 660 feet (from topographic map).

RATING.—Rating Number 2, effective October 1, 2001 to May 31, 2002. Rating Number 3, effective May 31, 2002 to September 30, 2002.

REMARKS.--Records fair. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/01/01	4.10	21.8
12/12/01	4.38	46.8
02/20/02	4.52	78.5
04/11/02	4.17	95.8
06/20/02	3.74	19.7
08/21/02	3.57	6.95
09/30/02	4.40	87.1

ALTAMAHA RIVER BASIN
2002 Water Year

02217380 MULBERRY RIVER AT GA 11, NEAR WINDER, GA

LOCATION.—Lat 34°03'08", long 83°39'49" referenced to North American Datum (NAD) of 1927, Barrow-Jackson County, Hydrologic Unit 03070101, at GA Highway 11, 4.5 miles northeast of Winder.

DRAINAGE AREA.—142 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1976, November 30, 1983 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 675.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 12.73 feet, February 4, 1998
DISCHARGE: 6,800 ft^3/s, February 4, 1998

MAXIMUM FOR CURRENT YEAR.—

STAGE: <8.30 feet, Not determined, peak below bottom of gage
DISCHARGE: <1,470 ft^3/s, Not determined, peak below bottom of gage

ALTAMAHA RIVER BASIN
2002 Water Year

02217400 MULBERRY RIVER TRIBUTARY NEAR WINDER, GA

LOCATION.—Lat 34°03'53", long 83°39'45", Jackson County, Hydrologic Unit 03070101, at culvert on GA 11, 6.0 miles northeast of Winder.

DRAINAGE AREA.—2.68 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1965 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 740.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 7.31 feet, February 10, 1990
DISCHARGE: 1,690 ft^3/s, February 10, 1990

MAXIMUM FOR CURRENT YEAR.—

STAGE: <1.98 feet, Not determined, peak below bottom of gage.
DISCHARGE: <160.0 ft^3/s Not determined, peak below bottom of gage.

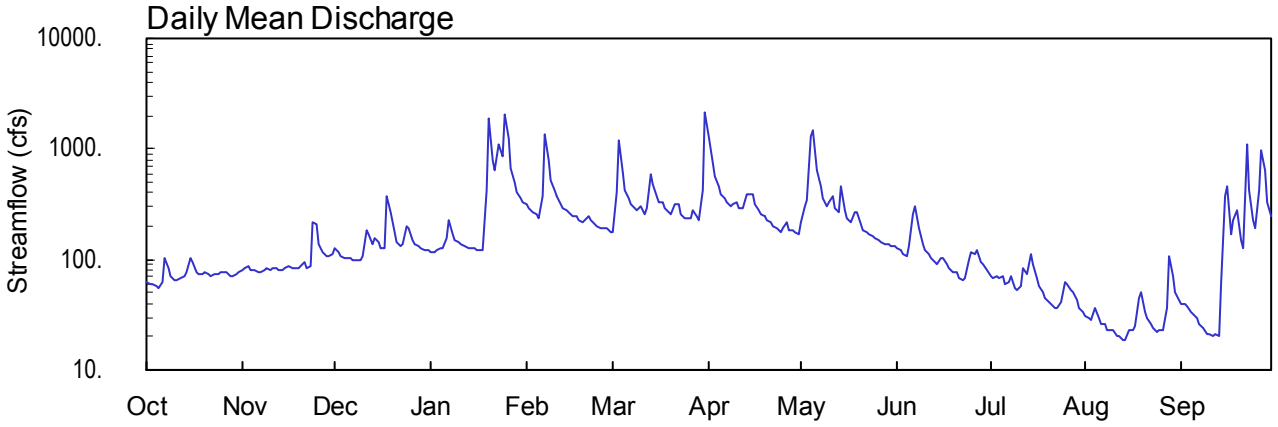
ALTAMAHA RIVER BASIN

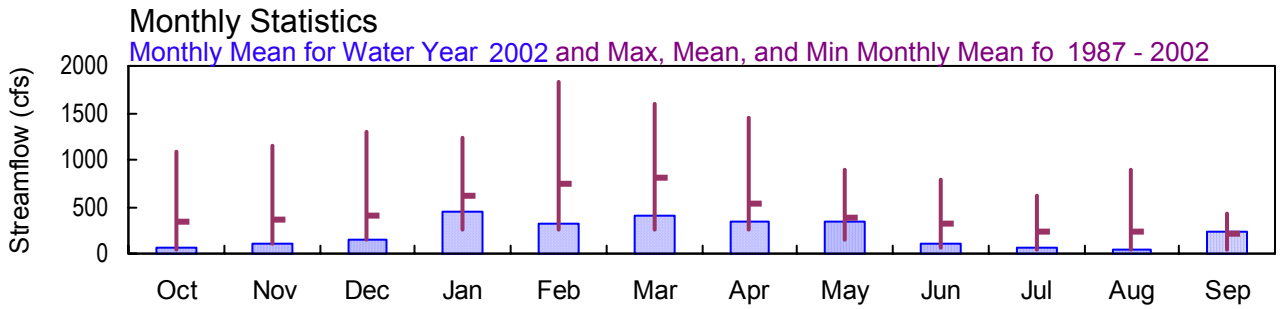
2002 Water Year

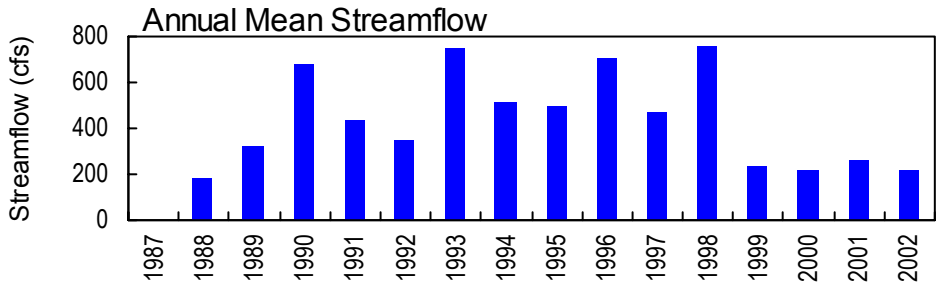
02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA

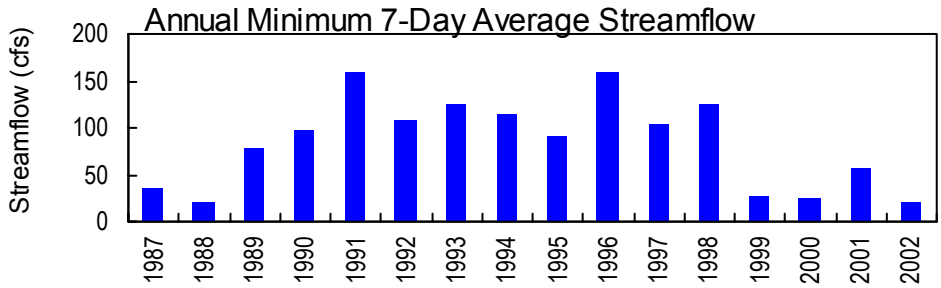
Latitude: 34°01'54" Longitude: 83°33'48" Hydrologic Unit Code: 03070101 Jackson County

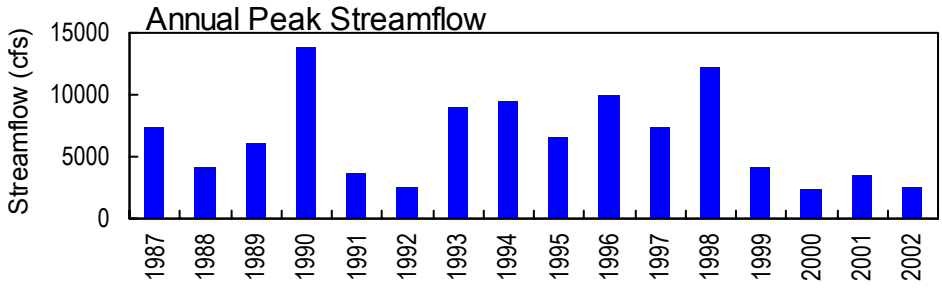
Drainage Area: 332. mi^2 Datum: 656.52 feet

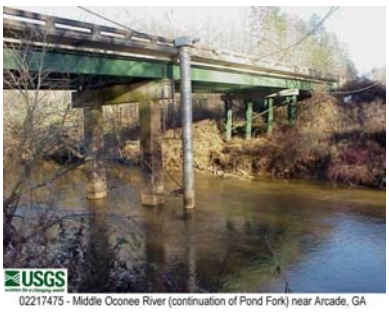












ALTAMAHA RIVER BASIN
2002 Water Year

02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA

LOCATION.—Lat 34°01'54", long 83°33'48" referenced to North American Datum (NAD) of 1983, Jackson-Barrow County line, Hydrologic Unit 03070101, on downstream side of bridge on GA 82, 1.7 miles downstream from Mulberry River, 3.6 miles upstream from Redstone Creek, and 3.2 miles south of Arcade.

DRAINAGE AREA.—332 mi^2.

COOPERATION.—Oglethorpe Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1987 to current year.

REVISED RECORDS.—WDR GA-96-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 656.52 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good, except for the periods of estimated discharge which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 25	1545	2,550*	10.91*

02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1987 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 656.52 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 10.91 feet, January 25; minimum gage-height recorded, 1.04 feet, August 14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 1, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA SOURCE AGENCY USGS STATE 13 COUNTY 157
LATITUDE 340154 LONGITUDE 0833348 NAD83 DRAINAGE AREA 332.0* CONTRIBUTING DRAINAGE AREA 332.0 DATUM 656.52 NGVD29
Date Processed: 2003-03-11 09:12 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62	79	127	117	313	176	1280	216	127	71	31	39
2	61	82	115	116	287	407	758	301	121	68	29	40
3	59	86	105	120	263	1180	559	347	112	71	28	38
4	57	80	103	124	252	624	454	1290	109	68	36	34
5	55	79	101	124	236	420	396	1470	130	71	30	32
6	62	78	101	159	367	351	355	646	261	61	26	29
7	101	78	100	224	1380	314	326	452	307	63	26	26
8	85	79	100	172	787	290	309	359	194	72	23	24
9	72	85	99	148	527	276	312	302	138	55	23	21
10	66	81	107	143	422	301	329	324	120	53	23	21
11	65	82	182	135	366	260	295	374	112	58	20	20
12	69	82	168	132	321	296	290	291	103	83	20	21
13	71	80	138	128	294	583	397	268	96	73	19	20
14	76	80	153	124	276	478	389	462	91	111	19	59
15	104	82	145	124	258	366	391	284	104	92	23	379
16	94	86	125	123	250	331	311	232	101	68	23	461
17	76	84	124	120	245	325	282	216	91	57	25	170
18	73	84	370	120	225	291	262	270	82	50	45	227
19	74	84	263	424	220	267	244	267	77	45	51	276
20	77	86	173	1900	228	254	225	205	77	42	33	150
21	73	93	146	789	246	318	213	184	69	39	29	129
22	72	85	134	649	223	313	199	174	65	37	26	1120
23	74	88	137	1100	206	252	192	169	69	36	24	423
24	73	217	199	863	199	241	179	162	99	42	22	228
25	76	205	188	2080	192	234	191	155	118	63	23	192
26	78	135	151	1240	192	237	215	150	113	61	23	417
27	77	118	138	679	191	281	184	144	123	53	36	983
28	70	108	133	505	179	243	185	140	96	51	105	646
29	70	105	128	413	---	225	177	138	90	43	70	335
30	73	110	123	362	---	422	166	132	79	37	51	242
31	77	---	120	325	---	2170	---	130	---	34	43	---
TOTAL	2272	2901	4496	13782	9145	12726	10065	10254	3474	1828	1005	6802
MEAN	73.3	96.7	145	445	327	411	336	331	116	59.0	32.4	227
MAX	104	217	370	2080	1380	2170	1280	1470	307	111	105	1120
MIN	55	78	99	116	179	176	166	130	65	34	19	20
CFSM	0.22	0.29	0.44	1.34	0.98	1.24	1.01	1.00	0.35	0.18	0.10	0.68
IN.	0.25	0.33	0.50	1.54	1.02	1.43	1.13	1.15	0.39	0.20	0.11	0.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2002, BY WATER YEAR (WY)

MEAN	331	371	404	627	754	816	540	377	329	242	238	214
MAX	1083	1141	1300	1244	1830	1600	1438	891	794	610	900	436
(WY)	1996	1993	1993	1993	1998	1990	1998	1998	1989	1989	1994	1997
MIN	51.7	102	148	247	255	248	261	142	53.8	32.9	32.5	50.8
(WY)	1988	2002	1989	1989	1989	1988	1999	1988	1988	1988	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1987 - 2002	
ANNUAL TOTAL	92731		79846			
ANNUAL MEAN	254		219		439	
HIGHEST ANNUAL MEAN					755	1998
LOWEST ANNUAL MEAN					185	1988
HIGHEST DAILY MEAN	2350	Mar 16	2170	Mar 31	10600	Mar 18 1990
LOWEST DAILY MEAN	54	Sep 17	19	Aug 13	16	Jul 20 1988
ANNUAL SEVEN-DAY MINIMUM	58	Sep 14	21	Aug 8	21	Aug 8 2002
MAXIMUM PEAK FLOW			2550	Jan 25	13800	Mar 18 1990
MAXIMUM PEAK STAGE			10.91	Jan 25	25.34	Mar 18 1990
INSTANTANEOUS LOW FLOW			18	Aug 13	18	Aug 13 2002
ANNUAL RUNOFF (CFSM)	0.77		0.66		1.32	
ANNUAL RUNOFF (INCHES)	10.39		8.95		17.98	
10 PERCENT EXCEEDS	478		418		847	
50 PERCENT EXCEEDS	163		132		276	
90 PERCENT EXCEEDS	78		36		95	

STATION NUMBER 02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA SOURCE AGENCY USGS STATE 13 COUNTY 157
LATITUDE 340154 LONGITUDE 0833348 NAD83 DRAINAGE AREA 332.0 CONTRIBUTING DRAINAGE AREA 332.0* DATUM 656.52 NGVD29
Date Processed: 2003-03-11 09:11 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.78	1.96	2.35	2.28	3.35	2.64	6.64	2.85	2.31	1.83	1.30	1.43
2	1.77	1.98	2.27	2.27	3.23	3.59	4.99	3.28	2.27	1.79	1.27	1.43
3	1.75	2.02	2.19	2.31	3.11	6.29	4.32	3.44	2.20	1.83	1.24	1.40
4	1.73	1.97	2.17	2.33	3.06	4.54	3.92	6.75	2.16	1.79	1.38	1.36
5	1.70	1.96	2.15	2.33	2.97	3.79	3.70	7.31	2.33	1.82	1.28	1.31
6	1.78	1.95	2.15	2.57	3.48	3.51	3.53	4.62	3.05	1.71	1.21	1.26
7	2.15	1.95	2.14	2.97	6.95	3.35	3.41	3.92	3.31	1.73	1.21	1.21
8	2.01	1.96	2.14	2.66	5.07	3.24	3.33	3.55	2.73	1.83	1.15	1.18
9	1.88	2.01	2.13	2.50	4.20	3.17	3.34	3.30	2.39	1.64	1.15	1.13
10	1.83	1.98	2.19	2.47	3.80	3.29	3.42	3.39	2.26	1.61	1.15	1.12
11	1.82	1.98	2.72	2.41	3.58	3.10	3.26	3.61	2.19	1.68	1.10	1.09
12	1.86	1.98	2.63	2.39	3.38	3.26	3.24	3.24	2.13	1.93	1.08	1.10
13	1.88	1.97	2.44	2.36	3.26	4.41	3.70	3.14	2.06	1.84	1.07	1.09
14	1.92	1.97	2.54	2.34	3.17	4.01	3.67	3.95	2.03	2.19	1.05	1.65
15	2.17	1.99	2.48	2.33	3.09	3.58	3.68	3.21	2.14	2.03	1.15	3.56
16	2.09	2.02	2.34	2.33	3.05	3.43	3.34	2.95	2.11	1.80	1.16	3.92
17	1.93	2.00	2.34	2.30	3.02	3.40	3.20	2.87	2.03	1.66	1.19	2.59
18	1.90	2.00	3.71	2.31	2.92	3.24	3.10	3.14	1.94	1.58	1.41	2.88
19	1.91	2.00	3.16	3.52	2.89	3.13	3.01	3.13	1.89	1.52	1.57	3.16
20	1.94	2.02	2.67	8.73	2.93	3.07	2.92	2.81	1.89	1.46	1.34	2.47
21	1.90	2.08	2.49	5.08	3.03	3.36	2.85	2.68	1.80	1.43	1.26	2.32
22	1.89	2.01	2.40	4.63	2.90	3.34	2.77	2.63	1.76	1.40	1.21	6.05
23	1.91	2.03	2.43	6.07	2.81	3.06	2.73	2.59	1.81	1.38	1.18	3.78
24	1.90	2.89	2.82	5.31	2.77	3.00	2.65	2.55	2.08	1.46	1.14	2.93
25	1.93	2.85	2.76	9.35	2.73	2.96	2.72	2.51	2.24	1.73	1.15	2.73
26	1.95	2.41	2.52	6.53	2.74	2.97	2.86	2.46	2.21	1.71	1.16	3.76
27	1.94	2.29	2.44	4.73	2.73	3.18	2.68	2.43	2.28	1.61	1.35	5.68
28	1.86	2.21	2.39	4.12	2.65	3.01	2.69	2.40	2.07	1.59	2.12	4.59
29	1.86	2.19	2.36	3.77	---	2.92	2.64	2.39	2.02	1.48	1.82	3.44
30	1.90	2.22	2.33	3.56	---	3.67	2.57	2.34	1.91	1.40	1.59	3.00
31	1.94	---	2.30	3.40	---	9.65	---	2.33	---	1.36	1.48	---
MEAN	1.90	2.10	2.46	3.62	3.32	3.65	3.36	3.28	2.19	1.67	1.29	2.49
MAX	2.17	2.89	3.71	9.35	6.95	9.65	6.64	7.31	3.31	2.19	2.12	6.05
MIN	1.70	1.95	2.13	2.27	2.65	2.64	2.57	2.33	1.76	1.36	1.05	1.09

STATION NUMBER 02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA SOURCE AGENCY USGS STATE 13 COUNTY 157
LATITUDE 340154 LONGITUDE 0833348 NAD83 DRAINAGE AREA 332.0 CONTRIBUTING DRAINAGE AREA 332.0* DATUM 656.52 NGVD29
Date Processed: 2003-03-11 09:11 By acday
APPROVED
DD #5, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.43	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.01	0.02	0.22	0.00	0.35	0.00	0.01	0.00	0.00
4	0.00	0.00	0.00	0.17	0.00	0.00	0.00	1.74	1.64	0.00	0.00	0.00
5	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.74	0.00	0.00	0.00
6	0.51	0.00	0.00	0.63	2.18	0.00	0.00	0.00	0.65	0.00	0.00	0.00
7	0.00	0.00	0.00	0.01	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.08	0.28	0.04	0.00	0.00	0.00	0.00
10	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.33	0.00	0.77	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
12	0.02	0.00	0.02	0.13	0.00	1.09	0.28	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.21	0.01	0.00	0.13	0.33	0.36	0.00	1.14	0.00	0.76
14	0.37	0.00	0.01	0.00	0.00	0.00	0.06	0.00	0.27	0.02	0.04	1.90
15	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	1.52
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02
17	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.93	0.00	0.00	0.71	1.29
19	0.00	0.00	0.00	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.00	0.00	0.00	0.36	0.31	0.00	0.01	0.00	0.00	0.00	0.41
21	0.00	0.00	0.00	0.20	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.23
22	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.15	0.01	0.00	0.01
23	0.00	1.11	0.48	0.16	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00
24	0.00	0.01	0.01	1.11	0.00	0.00	0.00	0.00	0.03	0.99	0.00	0.00
25	0.06	0.01	0.00	0.07	0.00	0.00	0.28	0.00	0.04	0.00	0.31	0.87
26	0.00	0.01	0.00	0.00	0.02	0.16	0.00	0.00	0.72	0.05	0.00	0.70
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.25
28	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.67	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.13	0.00	0.00	---	2.10	0.12	0.00	0.00	0.00	0.05	0.00
31	0.00	---	0.00	0.10	---	0.35	---	0.00	---	0.00	0.03	---
TOTAL	0.96	1.28	2.45	6.17	2.82	6.73	1.37	4.29	4.50	3.00	1.84	7.96

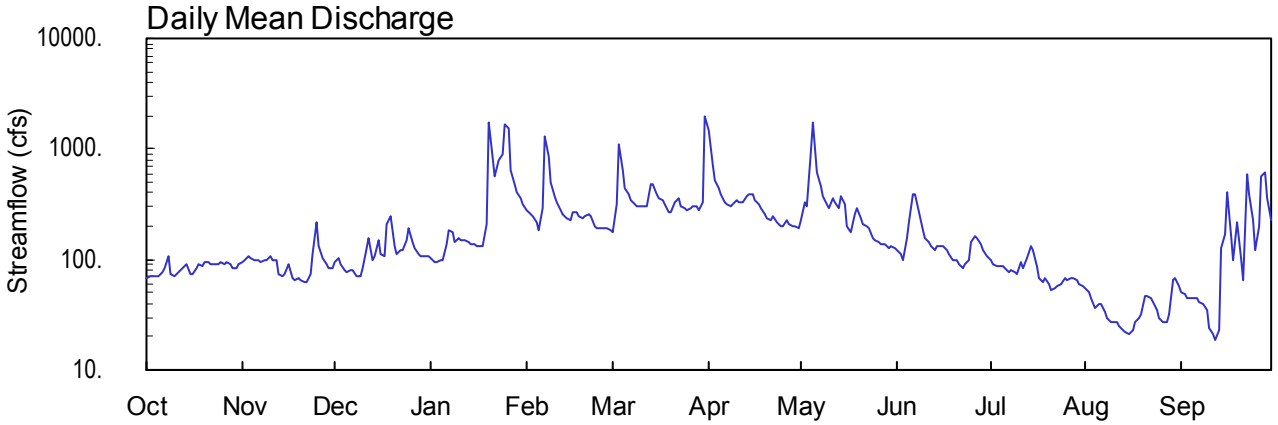
ALTAMAHA RIVER BASIN

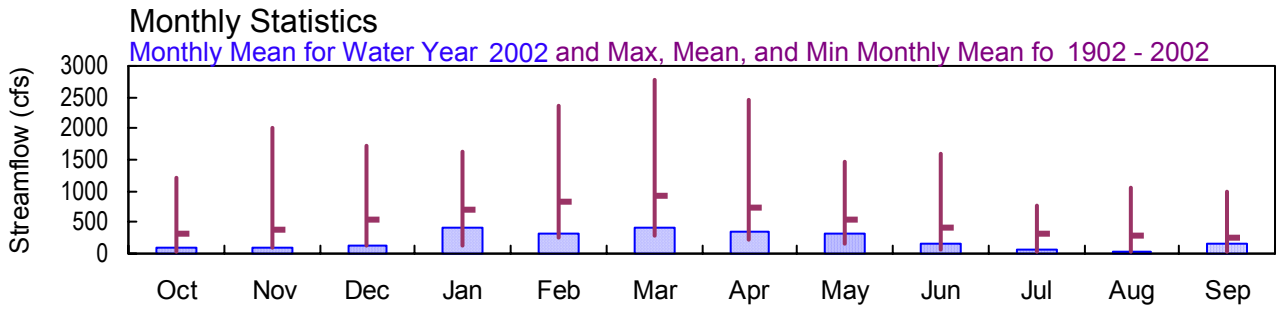
2002 Water Year

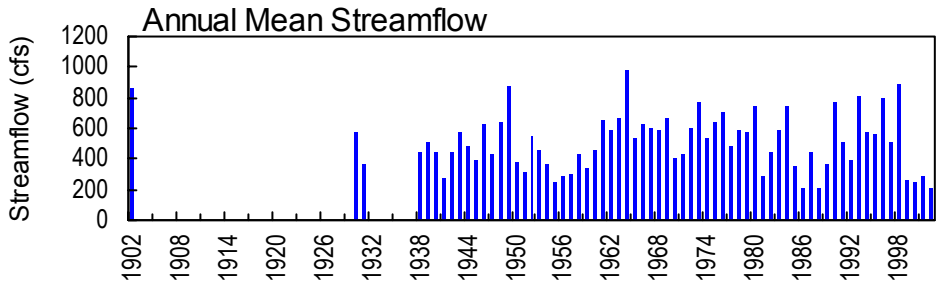
02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA

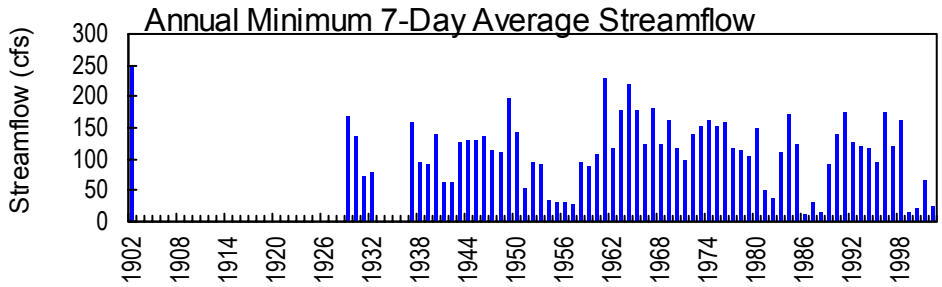
Latitude: 33°56'48" Longitude: 83°25'22" Hydrologic Unit Code: 03070101 Clarke County

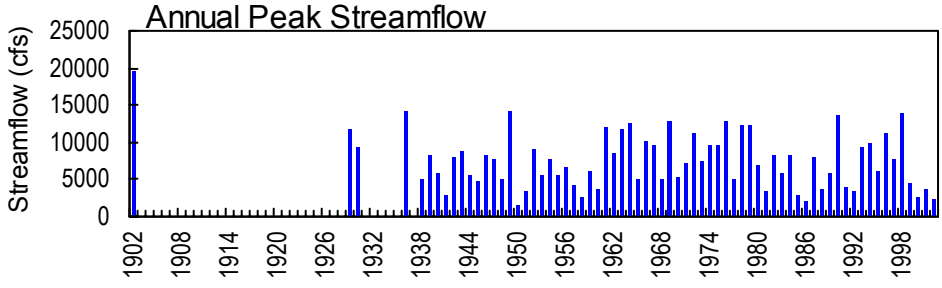
Drainage Area: 398. mi^2 Datum: 555.66 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA

LOCATION.—Lat 33°56'48", long 83°25'22" (revised) referenced to North American Datum (NAD) of 1983, Clarke County, Hydrologic Unit 03070101, on left bank 0.5 miles upstream from US 78 and US 29 Business, 2.0 miles west of Athens, and 5.0 miles upstream from Barber Creek.

DRAINAGE AREA.—398 mi^2.

COOPERATION.—Upper Oconee Water Authority.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1901 to September 1902, January 1929 to March 1932, May 1937 to current year.

REVISED RECORDS.—WDR GA-95-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 555.66 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 11, 1901 to October 25, 1902, a non-recording gage was located at site 1.0 mile upstream at different datum. From January 16, 1929 to March 15, 1932, and from April 29, 1937 to September 30, 1940, a water-stage recorder was located at a site 4.0 miles downstream at different datum.

REMARKS.—Records good, except periods of estimated discharge which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 31	1715	2,510*	6.64*

02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1901 to September 1902, January 1929 to March 1932, May 1937 to current year.

REVISED RECORDS.—WDR GA-95-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 555.66 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 11, 1901 to October 25, 1902, a non-recording gage was located at site 1.0 mile upstream at different datum. From January 16, 1929 to March 15, 1932, and from April 29, 1937 to September 30, 1940, a water-stage recorder was located at a site 4.0 miles downstream at different datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.64 feet, March 31; minimum gage-height recorded, 0.41 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 2, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA SOURCE AGENCY USGS STATE 13 COUNTY 059
LATITUDE 335648 LONGITUDE 0832522 NAD83 DRAINAGE AREA 398.00* CONTRIBUTING DRAINAGE AREA DATUM 555.66 NGVD29
Date Processed: 2003-03-11 09:13 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	96	95	104	283	180	1490	226	120	98	54	51
2	70	100	102	95	266	317	715	330	114	90	51	48
3	70	105	89	96	243	1090	511	298	100	87	45	44
4	70	104	79	100	222	637	437	920	158	87	36	45
5	70	99	78	99	187	450	388	1720	219	86	40	45
6	76	97	80	137	293	384	336	623	389	84	40	44
7	83	96	81	186	1290	344	316	452	386	76	33	42
8	109	97	72	174	846	318	304	378	267	79	30	40
9	73	98	71	143	494	305	315	321	187	77	27	35
10	72	106	85	157	379	307	349	297	158	74	27	24
11	75	99	126	151	325	299	335	355	144	93	27	21
12	79	99	154	148	283	309	323	331	134	82	25	19
13	87	75	99	143	255	473	371	289	123	103	23	23
14	90	72	108	140	237	477	392	380	134	130	22	124
15	75	74	149	135	231	393	394	322	131	122	21	172
16	73	92	114	134	266	353	344	197	130	88	23	402
17	85	67	107	130	263	343	313	180	121	69	27	161
18	89	66	209	133	249	316	296	260	111	63	29	99
19	88	68	245	207	241	273	261	297	98	68	32	214
20	93	66	132	1730	251	270	238	237	97	59	46	101
21	94	63	112	831	260	336	229	211	92	52	46	65
22	90	62	120	578	243	360	244	199	84	56	44	588
23	89	75	122	789	203	305	221	193	92	58	41	e390
24	90	110	147	906	195	286	199	159	97	60	35	e230
25	93	215	190	1680	192	280	204	147	146	67	29	122
26	91	130	144	1530	190	286	228	141	161	65	27	203
27	93	104	127	632	191	299	210	137	156	69	27	576
28	89	89	110	470	186	305	202	135	136	68	32	603
29	84	85	107	402	---	275	198	129	120	66	64	360
30	85	84	108	356	---	335	189	132	109	60	69	227
31	90	---	107	316	---	1950	---	125	---	57	57	---
TOTAL	2582	2793	3669	12832	8764	12855	10552	10121	4514	2393	1129	5118
MEAN	83.3	93.1	118	414	313	415	352	326	150	77.2	36.4	171
MAX	109	215	245	1730	1290	1950	1490	1720	389	130	69	603
MIN	67	62	71	95	186	180	189	125	84	52	21	19
CFSM	0.21	0.23	0.30	1.04	0.79	1.04	0.88	0.82	0.38	0.19	0.09	0.43
IN.	0.24	0.26	0.34	1.20	0.82	1.20	0.99	0.95	0.42	0.22	0.11	0.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1902 - 2002, BY WATER YEAR (WY)

MEAN	305	398	529	713	824	939	732	535	399	326	297	243
MAX	1223	2002	1709	1624	2366	2779	2458	1475	1611	778	1056	978
(WY)	1996	1949	1984	1972	1902	1929	1964	1976	1963	1938	1994	1929
MIN	42.3	93.1	118	140	251	285	233	162	63.6	25.3	36.4	44.6
(WY)	1955	2002	2002	1956	1986	1988	1986	1988	1988	1986	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1902 - 2002	
ANNUAL TOTAL	99946		77322			
ANNUAL MEAN	274		212		514	
HIGHEST ANNUAL MEAN					977	1964
LOWEST ANNUAL MEAN					202	1986
HIGHEST DAILY MEAN	3060	Mar 16	1950	Mar 31	19600	Feb 28 1902
LOWEST DAILY MEAN	62	Nov 22	19	Sep 12	8.2	Aug 8 1986
ANNUAL SEVEN-DAY MINIMUM	67	Nov 17	24	Aug 10	12	Jul 17 1986
MAXIMUM PEAK FLOW			2510	Mar 31	19600	Feb 28 1902
MAXIMUM PEAK STAGE			6.64	Mar 31	25.50	Feb 28 1902
INSTANTANEOUS LOW FLOW			17	Sep 13	17	Sep 13 2002
ANNUAL RUNOFF (CFSM)	0.69		0.53		1.29	
ANNUAL RUNOFF (INCHES)	9.34		7.23		17.53	
10 PERCENT EXCEEDS	485		388		905	
50 PERCENT EXCEEDS	175		130		343	
90 PERCENT EXCEEDS	75		46		140	

e Estimated

STATION NUMBER 02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA SOURCE AGENCY USGS STATE 13 COUNTY 059
LATITUDE 335648 LONGITUDE 0832522 NAD83 DRAINAGE AREA 398.00* CONTRIBUTING DRAINAGE AREA DATUM 555.66 NGVD29
Date Processed: 2003-03-11 09:13 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.83	0.97	0.99	1.03	1.48	1.23	4.04	1.35	1.08	1.00	0.77	0.74
2	0.84	0.98	1.02	0.99	1.45	1.56	2.41	1.59	1.06	0.96	0.74	0.72
3	0.84	1.01	0.96	1.00	1.40	3.13	2.01	1.52	1.00	0.94	0.70	0.69
4	0.84	1.00	0.92	1.02	1.34	2.26	1.84	2.85	1.18	0.95	0.63	0.70
5	0.84	0.98	0.91	1.01	1.25	1.87	1.72	4.65	1.37	0.94	0.66	0.70
6	0.87	0.97	0.92	1.15	1.50	1.71	1.61	2.23	1.74	0.93	0.66	0.69
7	0.90	0.97	0.92	1.30	3.59	1.62	1.56	1.88	1.73	0.89	0.60	0.68
8	1.02	0.97	0.88	1.27	2.64	1.56	1.53	1.71	1.49	0.91	0.57	0.66
9	0.85	0.98	0.87	1.17	1.97	1.53	1.56	1.60	1.30	0.90	0.54	0.62
10	0.85	1.01	0.95	1.22	1.70	1.54	1.63	1.55	1.21	0.88	0.54	0.51
11	0.86	0.98	1.11	1.20	1.58	1.52	1.60	1.66	1.17	0.97	0.54	0.47
12	0.89	0.98	1.21	1.19	1.49	1.54	1.58	1.62	1.13	0.92	0.52	0.44
13	0.92	0.87	1.01	1.18	1.42	1.92	1.69	1.53	1.10	1.01	0.49	0.49
14	0.94	0.85	1.04	1.17	1.38	1.93	1.73	1.72	1.13	1.12	0.48	1.02
15	0.86	0.86	1.19	1.15	1.36	1.73	1.74	1.60	1.12	1.09	0.47	1.23
16	0.86	0.95	1.07	1.15	1.45	1.64	1.62	1.33	1.12	0.95	0.50	1.77
17	0.92	0.82	1.04	1.13	1.44	1.62	1.56	1.28	1.09	0.85	0.54	1.20
18	0.94	0.82	1.32	1.14	1.41	1.56	1.51	1.47	1.05	0.82	0.56	0.99
19	0.93	0.83	1.44	1.29	1.39	1.46	1.44	1.55	0.99	0.85	0.59	1.37
20	0.95	0.82	1.14	4.72	1.41	1.46	1.38	1.43	0.99	0.80	0.71	1.00
21	0.96	0.80	1.06	2.63	1.43	1.61	1.36	1.37	0.97	0.75	0.71	0.83
22	0.94	0.80	1.10	2.15	1.39	1.66	1.40	1.33	0.93	0.77	0.69	2.02
23	0.94	0.87	1.10	2.55	1.29	1.54	1.34	1.32	0.97	0.79	0.67	---
24	0.94	1.00	1.19	2.77	1.27	1.49	1.28	1.22	0.99	0.80	0.62	---
25	0.95	1.37	1.32	4.62	1.26	1.48	1.30	1.18	1.17	0.84	0.56	1.04
26	0.94	1.13	1.18	4.20	1.26	1.49	1.36	1.16	1.22	0.83	0.54	1.27
27	0.95	1.03	1.12	2.25	1.26	1.52	1.31	1.15	1.21	0.85	0.54	2.12
28	0.94	0.96	1.06	1.92	1.25	1.54	1.29	1.14	1.14	0.85	0.59	2.19
29	0.91	0.95	1.04	1.76	---	1.47	1.28	1.12	1.08	0.84	0.81	1.66
30	0.91	0.94	1.05	1.65	---	1.60	1.25	1.13	1.04	0.80	0.85	1.35
31	0.94	---	1.05	1.56	---	5.27	---	1.10	---	0.78	0.78	---
MEAN	0.91	0.95	1.07	1.76	1.54	1.78	1.63	1.59	1.16	0.89	0.62	---
MAX	1.02	1.37	1.44	4.72	3.59	5.27	4.04	4.65	1.74	1.12	0.85	---
MIN	0.83	0.80	0.87	0.99	1.25	1.23	1.25	1.10	0.93	0.75	0.47	---

STATION NUMBER 02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA SOURCE AGENCY USGS STATE 13 COUNTY 059
LATITUDE 335648 LONGITUDE 0832522 NAD83 DRAINAGE AREA 398.00* CONTRIBUTING DRAINAGE AREA DATUM 555.66 NGVD29
Date Processed: 2003-03-11 09:13 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	0.30	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.63	---	---	---	0.01	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.46	---	---	---	0.00	0.00	0.00
4	0.00	0.00	0.00	0.10	0.00	0.06	---	---	---	0.00	0.00	0.00
5	0.06	0.00	0.00	0.14	0.00	0.00	---	---	---	0.00	0.00	0.00
6	0.12	0.00	0.00	0.74	0.86	0.00	---	---	---	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.84	0.00	---	---	---	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.47	0.00	---	---	---	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.06	---	---	---	0.00	0.00	0.00
10	0.00	0.00	0.09	0.00	0.00	0.00	---	---	---	0.58	0.00	0.00
11	0.00	0.00	0.02	0.00	0.00	0.01	---	---	---	0.01	0.00	0.00
12	0.01	0.00	0.03	0.19	0.00	1.03	---	---	---	0.00	0.00	0.00
13	0.00	0.00	0.03	0.00	0.00	0.17	---	---	---	---	0.00	0.87
14	0.17	0.00	0.00	0.00	0.00	0.00	---	---	---	---	0.00	3.18
15	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	0.00	0.82
16	0.00	0.00	0.01	0.00	0.00	0.00	---	---	---	---	0.00	0.00
17	0.00	0.00	0.01	0.00	0.00	0.00	---	---	---	---	0.03	0.00
18	0.00	0.00	0.01	0.02	0.00	0.00	---	---	---	0.00	0.06	0.45
19	0.00	0.00	0.01	1.92	0.01	0.00	---	---	---	0.00	0.02	0.00
20	0.00	0.00	0.00	0.00	0.24	0.16	---	---	0.00	0.00	0.01	0.01
21	0.00	0.00	0.01	0.17	0.00	0.50	---	---	0.00	0.00	0.00	0.11
22	0.00	0.00	0.81	0.70	0.00	0.00	---	---	0.42	0.00	0.00	0.00
23	0.00	0.57	0.38	0.12	0.00	0.00	---	---	0.01	0.51	0.00	---
24	0.00	0.03	0.00	0.59	0.00	0.00	---	---	0.00	0.08	0.00	---
25	0.00	0.01	0.00	0.41	0.00	0.00	---	---	0.06	0.00	0.43	0.58
26	0.00	0.01	0.00	0.00	0.01	0.26	---	---	0.63	0.00	0.04	0.66
27	0.00	0.00	0.00	0.00	0.00	0.01	---	---	0.11	0.00	0.00	0.09
28	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.42	0.00	0.21	0.00
29	0.00	0.00	0.00	0.00	---	0.00	---	---	0.00	0.00	0.00	0.00
30	0.00	0.02	0.00	0.00	---	0.25	---	---	0.03	0.00	0.02	0.00
31	0.00	---	0.00	0.02	---	---	---	---	---	0.00	0.00	---
TOTAL	0.36	0.64	1.41	5.12	2.44	---	---	---	---	---	0.82	---

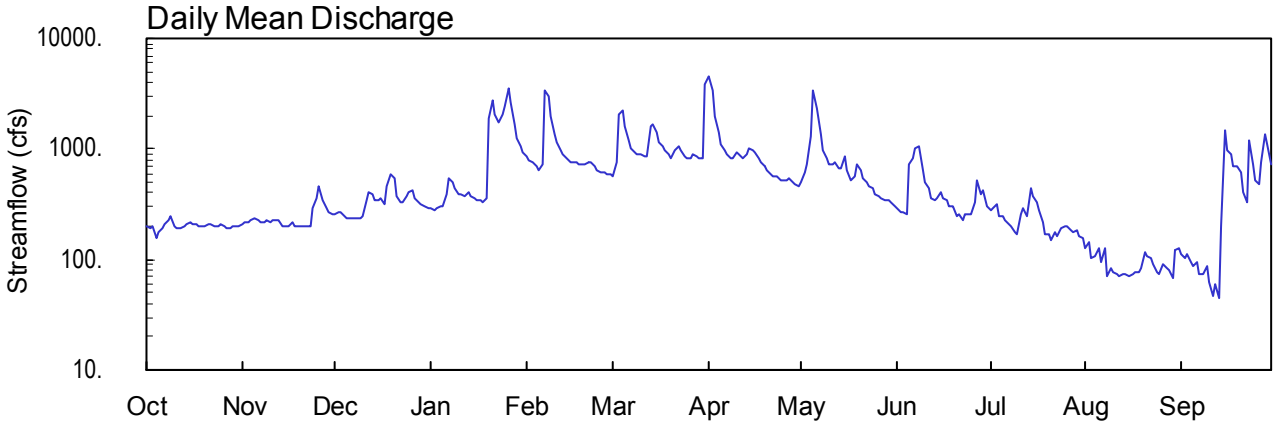
ALTAMAHA RIVER BASIN

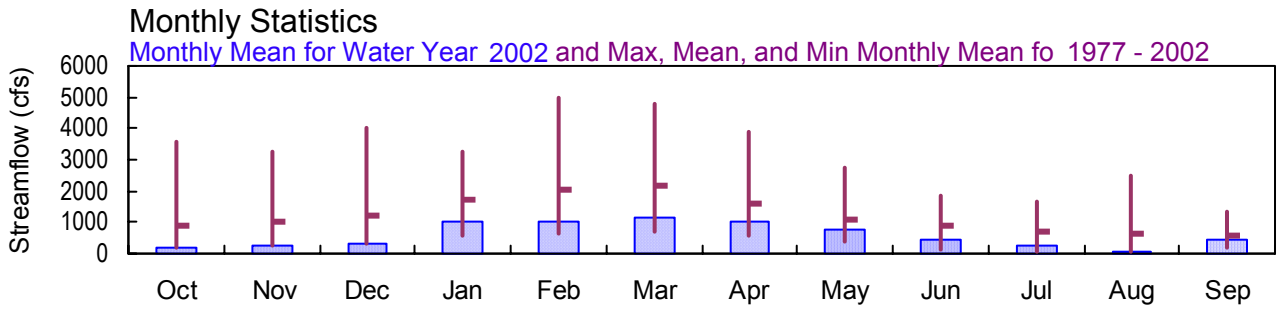
2002 Water Year

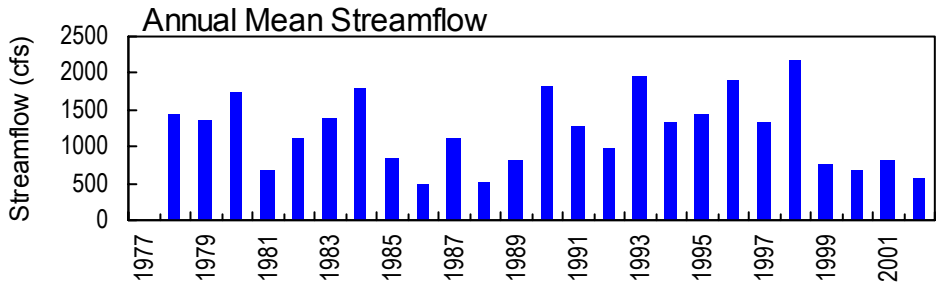
02218300 OCONEE RIVER NEAR PENFIELD, GA

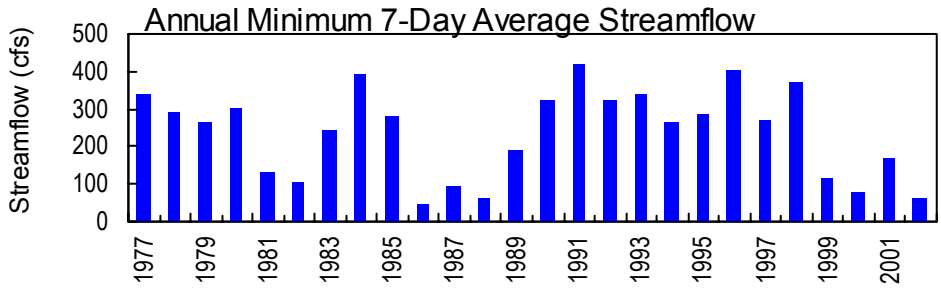
Latitude: 33°43'16" Longitude: 83°17'44" Hydrologic Unit Code: 03070101 Greene County

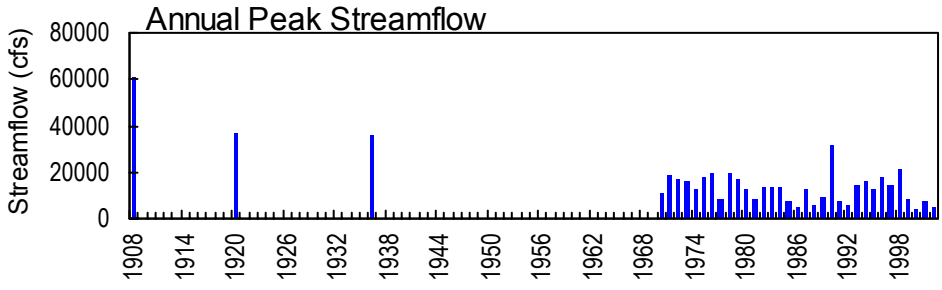
Drainage Area: 940. mi^2 Datum: 433.26 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02218300 OCONEE RIVER NEAR PENFIELD, GA

LOCATION.—Lat 33°43'16", long 83°17'44" (revised) referenced to North American Datum (NAD) of 1927, Greene County, Hydrologic Unit 03070101, on downstream side of bridge on GA 15, 7.0 miles upstream from Greenbrier Creek, 8.0 miles northwest of Penfield, and 10.0 mi southeast of Watkinsville.

DRAINAGE AREA.—940 mi^2.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—Water years 1970-77 (annual maximum), August 1977 to current year.

REVISED RECORDS.—WDR GA-91-1: 1990(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 433.26 feet above National Geodetic Vertical Datum (NGVD) of 1929. From November 4, 1969 to July 21, 1977, a crest-stage gage was installed, and from July 22, 1977 to August 1, 1990, a water-stage recorder was located at site 300 feet upstream at same datum.

REMARKS.—Records good, except period of estimated record which is fair. Some regulation at low streamflow occurs from operation of Barnett Shoals Dam.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of December 19, 1919, reached a stage of 26.9 feet, information supplied by Georgia Department of Transportation, discharge, 37,000 ft^3/s, from rating curve extended above 22,000 ft^3/s on basis of slope-conveyance study. The flood of April 6, 1936 reached a stage of 26.7 feet, discharge, 36,000 ft^3/s (revised) from rating curve extended above 22,000 ft^3/s on basis of slope-conveyance study.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 4,600 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 31	2130	4,880*	12.56*

02218300 OCONEE RIVER NEAR PENFIELD, GA--continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—Water years 1970-1977 (annual maximum), August 1977 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 433.26 feet above National Geodetic Vertical Datum (NGVD) of 1929. From November 4, 1969 to July 21, 1977, a crest-stage gage was installed, and from July 22, 1977 to August 1, 1990, a water-stage recorder was located at site 300 feet upstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 12.56 feet, March 31; minimum gage-height recorded, 2.50 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—December 1, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02218300 OCONEE RIVER NEAR PENFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 133
LATITUDE 334316 LONGITUDE 0831744 NAD27 DRAINAGE AREA 940.00 CONTRIBUTING DRAINAGE AREA 940* DATUM 433.26 NGVD29
Date Processed: 2003-03-11 15:05 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	198	211	255	285	857	567	4490	509	e285	284	127	113
2	192	217	263	279	803	769	3320	625	e272	285	143	104
3	197	222	267	293	749	2100	2010	719	e265	322	101	110
4	156	230	249	305	698	2280	1410	1280	e257	250	105	96
5	179	234	239	304	638	1620	1120	3330	727	250	127	88
6	193	224	237	394	723	1200	990	2370	809	227	96	93
7	209	221	235	536	3340	1030	891	1370	1020	208	125	75
8	223	213	241	509	3030	939	837	989	1060	202	71	73
9	242	224	236	441	1980	883	822	825	641	174	83	86
10	204	219	248	392	1380	888	919	728	492	170	78	63
11	195	230	345	391	1130	864	879	715	442	261	74	47
12	194	229	400	373	985	851	827	754	357	286	72	61
13	198	223	396	399	891	1630	898	682	347	243	75	44
14	209	200	342	374	823	1700	1030	676	362	433	74	197
15	220	200	344	361	772	1410	976	851	413	379	72	1450
16	207	201	363	343	768	1160	944	645	358	323	74	980
17	210	216	316	337	771	1040	831	515	340	280	77	888
18	203	199	457	336	742	977	769	569	298	216	76	699
19	204	196	599	360	716	879	703	716	302	171	82	708
20	197	201	532	1900	722	821	633	642	242	169	115	610
21	205	200	374	2750	760	983	598	540	252	147	105	412
22	212	197	330	2020	754	1060	570	493	224	174	103	331
23	204	203	326	1730	690	976	570	464	261	160	92	1180
24	202	285	378	2070	635	857	524	445	256	190	77	735
25	210	364	412	2460	619	809	519	396	256	199	73	e520
26	203	460	427	3580	610	812	526	372	336	203	92	e470
27	191	347	361	2670	596	894	532	357	526	185	82	750
28	195	295	330	1700	581	869	499	350	393	178	79	1340
29	197	269	311	1230	---	817	488	338	415	184	69	1080
30	199	258	301	1050	---	810	465	327	305	164	123	738
31	204	---	293	944	---	3800	---	e300	---	158	129	---
TOTAL	6252	7188	10407	31116	27763	36295	30590	23892	12513	7075	2871	14141
MEAN	202	240	336	1004	992	1171	1020	771	417	228	92.6	471
MAX	242	460	599	3580	3340	3800	4490	3330	1060	433	143	1450
MIN	156	196	235	279	581	567	465	300	224	147	69	44
CFSM	0.21	0.25	0.36	1.07	1.05	1.25	1.08	0.82	0.44	0.24	0.10	0.50
IN.	0.25	0.28	0.41	1.23	1.10	1.44	1.21	0.95	0.50	0.28	0.11	0.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2002, BY WATER YEAR (WY)

MEAN	891	1041	1208	1703	2065	2140	1616	1116	908	710	664	563
MAX	3571	3272	4029	3261	4974	4798	3897	2729	1840	1635	2481	1347
(WY)	1990	1978	1984	1978	1998	1980	1979	1980	1994	1989	1994	1992
MIN	165	240	336	595	638	689	569	366	153	93.4	92.6	217
(WY)	1988	2002	2002	1981	1989	1988	1986	1988	1988	1986	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1977 - 2002	
ANNUAL TOTAL	282505		210103			
ANNUAL MEAN	774		576		1214	
HIGHEST ANNUAL MEAN					2169	1998
LOWEST ANNUAL MEAN					498	1986
HIGHEST DAILY MEAN	7490	Mar 16	4490	Apr 1	21900	Oct 2 1989
LOWEST DAILY MEAN	156	Oct 4	44	Sep 13	33	Aug 26 1986
ANNUAL SEVEN-DAY MINIMUM	179	Sep 16	64	Sep 7	49	Aug 5 1986
MAXIMUM PEAK FLOW			4880	Mar 31	31700	Oct 1 1989
MAXIMUM PEAK STAGE			12.56	Mar 31	25.92	Oct 1 1989
ANNUAL RUNOFF (CFSM)	0.82		0.61		1.29	
ANNUAL RUNOFF (INCHES)	11.18		8.31		17.55	
10 PERCENT EXCEEDS	1600		1100		2210	
50 PERCENT EXCEEDS	479		357		822	
90 PERCENT EXCEEDS	203		112		288	

e Estimated

STATION NUMBER 02218300 OCONEE RIVER NEAR PENFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 133
LATITUDE 334316 LONGITUDE 0831744 NAD27 DRAINAGE AREA 940.00 CONTRIBUTING DRAINAGE AREA 940* DATUM 433.26 NGVD29
Date Processed: 2003-03-11 09:16 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.36	3.41	3.58	3.69	5.23	4.41	12.04	4.57	---	3.64	3.02	2.96
2	3.34	3.44	3.61	3.67	5.09	4.96	10.26	4.91	---	3.65	3.09	2.92
3	3.35	3.46	3.62	3.72	4.94	7.97	7.93	5.18	---	3.78	2.90	2.95
4	3.19	3.49	3.56	3.76	4.79	8.33	6.79	6.36	---	3.52	2.92	2.87
5	3.29	3.50	3.52	3.76	4.62	7.02	6.20	10.31	4.99	3.52	3.02	2.83
6	3.34	3.46	3.51	4.05	4.84	6.08	5.91	8.65	5.25	3.43	2.88	2.86
7	3.41	3.45	3.50	4.51	10.26	5.69	5.65	6.73	5.82	3.36	3.01	2.76
8	3.46	3.42	3.53	4.43	9.71	5.45	5.51	5.90	5.88	3.34	2.73	2.76
9	3.53	3.46	3.51	4.21	7.74	5.30	5.47	5.48	4.78	3.22	2.81	2.82
10	3.39	3.44	3.55	4.05	6.50	5.31	5.73	5.21	4.34	3.21	2.78	2.68
11	3.35	3.48	3.90	4.05	5.92	5.25	5.62	5.17	4.18	3.56	2.76	2.57
12	3.34	3.48	4.08	3.99	5.57	5.22	5.48	5.28	3.89	3.65	2.75	2.67
13	3.36	3.46	4.07	4.08	5.32	7.01	5.67	5.08	3.86	3.49	2.77	2.54
14	3.41	3.37	3.89	3.99	5.14	7.18	6.01	5.06	3.91	4.14	2.76	3.25
15	3.45	3.37	3.89	3.95	5.00	6.56	5.88	5.54	4.08	3.97	2.75	6.70
16	3.40	3.37	3.96	3.89	4.99	5.98	5.79	4.97	3.90	3.78	2.76	5.71
17	3.41	3.43	3.80	3.87	5.00	5.72	5.49	4.58	3.84	3.63	2.78	5.46
18	3.38	3.36	4.26	3.86	4.92	5.55	5.32	4.74	3.69	3.39	2.77	4.94
19	3.38	3.35	4.69	3.95	4.85	5.29	5.14	5.18	3.71	3.20	2.81	4.97
20	3.36	3.37	4.49	7.60	4.86	5.13	4.94	4.96	3.49	3.20	2.97	4.69
21	3.39	3.37	4.00	9.26	4.97	5.56	4.84	4.65	3.53	3.11	2.91	4.08
22	3.42	3.36	3.85	7.90	4.95	5.76	4.75	4.52	3.42	3.22	2.91	3.81
23	3.38	3.38	3.83	7.32	4.77	5.55	4.75	4.43	3.56	3.17	2.85	6.10
24	3.38	3.69	4.01	7.96	4.61	5.23	4.61	4.37	3.54	3.29	2.77	5.04
25	3.41	3.96	4.12	8.68	4.57	5.10	4.60	4.21	3.54	3.33	2.75	---
26	3.38	4.28	4.17	10.70	4.54	5.11	4.62	4.13	3.83	3.34	2.86	---
27	3.33	3.90	3.95	9.07	4.50	5.33	4.64	4.08	4.43	3.27	2.79	5.09
28	3.35	3.72	3.85	6.94	4.45	5.26	4.54	4.05	4.02	3.24	2.78	6.53
29	3.36	3.63	3.78	6.15	---	5.12	4.50	4.02	4.09	3.26	2.72	5.95
30	3.37	3.59	3.75	5.73	---	5.10	4.43	3.98	3.72	3.18	3.00	5.05
31	3.38	---	3.72	5.46	---	11.04	---	---	---	3.15	3.03	---
MEAN	3.38	3.52	3.86	5.43	5.45	5.92	5.77	---	---	3.43	2.85	---
MAX	3.53	4.28	4.69	10.70	10.26	11.04	12.04	---	---	4.14	3.09	---
MIN	3.19	3.35	3.50	3.67	4.45	4.41	4.43	---	---	3.11	2.72	---

STATION NUMBER 02218300 OCONEE RIVER NEAR PENFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 133
LATITUDE 334316 LONGITUDE 0831744 NAD27 DRAINAGE AREA 940.00 CONTRIBUTING DRAINAGE AREA 940* DATUM 433.26 NGVD29
Date Processed: 2003-03-11 09:17 By acday
APPROVED
DD #5, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	---	---	0.12	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.72	0.00	0.00
3	0.00	0.00	0.05	0.00	0.01	---	0.00	0.06	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.19	0.00	---	0.00	1.13	0.07	0.00	0.00	0.00
5	0.00	0.00	0.00	0.09	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
6	0.45	0.00	0.00	0.60	2.86	---	0.00	0.00	1.22	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.20	---	0.00	0.00	0.01	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	---	0.59	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.93	0.00	0.00	---	0.02	0.06	0.00	0.94	0.00	0.00
11	0.00	0.00	0.01	0.00	0.00	---	0.00	0.00	0.00	0.01	0.00	0.00
12	0.00	0.00	0.02	0.39	0.00	---	0.57	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.14	0.00	0.00	---	0.23	0.73	0.00	0.66	0.00	0.43
14	0.07	0.00	0.00	0.00	0.00	---	0.01	0.00	0.47	0.01	0.00	1.56
15	0.00	0.00	0.00	0.00	---	---	0.00	0.00	---	0.00	0.04	0.46
16	0.00	0.00	0.00	0.00	---	---	0.00	0.00	---	0.00	0.00	0.01
17	0.00	0.00	0.83	0.00	---	---	0.00	0.00	---	0.00	0.25	0.00
18	0.00	0.00	0.00	0.02	---	---	0.00	0.67	0.00	0.00	0.18	0.57
19	0.00	0.00	0.00	1.59	0.00	---	0.00	0.00	0.00	0.00	0.02	0.00
20	0.00	0.00	0.00	0.00	0.18	---	0.00	0.00	0.00	0.00	0.00	0.26
21	0.00	0.00	0.00	0.14	0.00	---	0.00	0.00	0.00	0.05	0.00	0.09
22	0.00	0.00	0.00	0.57	---	---	0.00	0.00	0.09	0.12	0.00	0.22
23	0.00	0.48	0.31	0.27	---	---	0.00	0.00	0.00	0.00	0.00	0.11
24	0.00	0.02	0.01	0.38	---	---	0.00	0.00	0.00	0.04	0.00	0.00
25	0.07	0.05	0.00	0.54	---	---	0.21	0.00	0.02	0.01	0.14	0.37
26	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.03	0.47	0.11	0.23
27	0.00	0.01	0.00	0.00	---	---	0.00	0.00	0.01	0.00	0.00	0.07
28	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.44	0.00	0.02	0.00
29	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.13	0.00	0.00	0.00
30	0.00	0.01	0.00	0.00	---	---	0.16	0.00	0.03	0.14	0.09	0.00
31	0.00	---	0.00	0.00	---	---	---	0.00	---	0.05	0.00	---
TOTAL	0.59	0.57	2.30	4.78	---	---	---	2.77	---	3.22	0.85	4.38

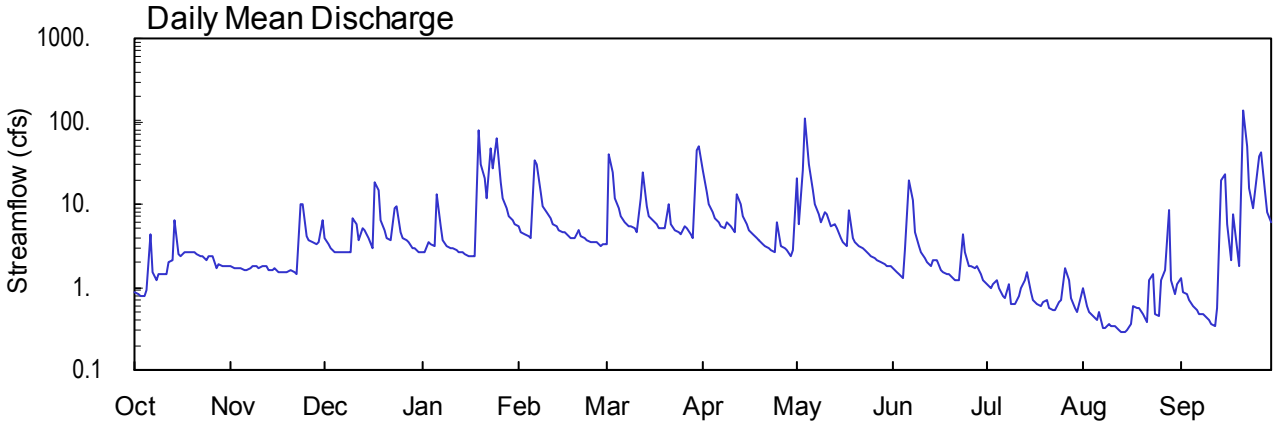
ALTAMAHA RIVER BASIN

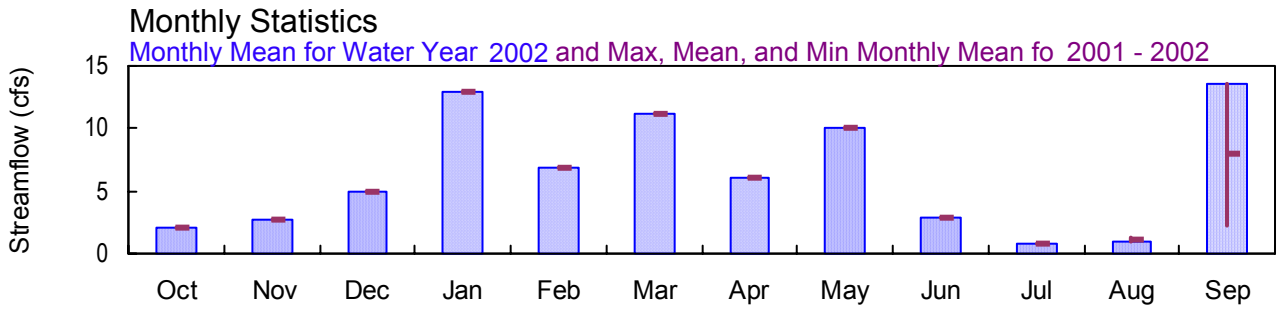
2002 Water Year

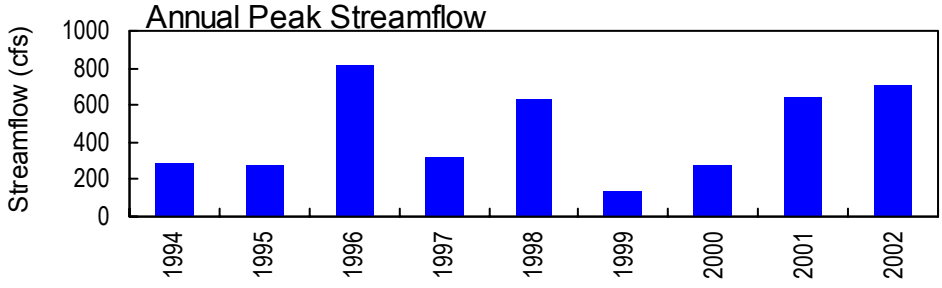
02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA

Latitude: 34°00'37" Longitude: 83°53'39" Hydrologic Unit Code: 03070101 Gwinnett County

Drainage Area: 5.4 mi^2 Datum: 935.00 feet







ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA

LOCATION.—Lat 34°00'37", long 83°53'39" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070101, 3.0 miles north of Dacula, and 2.5 miles west of Auburn.

DRAINAGE AREA.—5.40 mi^2.

COOPERATION.—Gwinnett County Department of Public Works.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 13, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 935.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for period from July 13, 2001 to October 12, 2001, which is poor.

WATER-STAGE RECORDS

PERIOD OF RECORD.—Water years 1970-1977 (annual maximum), August 1977 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 935.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for period from July 13, 2001 to October 12, 2001, which is poor.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.71 feet, September 21; minimum gage-height recorded, 0.25 feet, August 13.

EXTREMES FOR 2001 WATER YEAR.—Maximum gage-height recorded, 5.42 feet, July 25; minimum gage-height recorded, 0.53 feet, July 23, 24, September 23.

PRECIPITATION RECORDS

PERIOD OF RECORD.—August 21, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40* DATUM 935.00 NGVD29
Date Processed: 2003-03-12 08:42 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.85	1.8	3.9	2.6	5.3	3.3	25	21	1.7	1.1	0.95	1.3
2	0.83	1.7	3.3	2.7	4.7	41	14	5.7	1.5	1.0	0.58	0.86
3	0.77	1.7	2.9	3.4	4.4	24	10	25	1.4	1.1	0.49	0.81
4	0.79	1.7	2.7	3.3	4.1	12	8.0	108	1.3	1.2	0.44	0.69
5	0.91	1.6	2.6	3.1	3.8	8.8	6.8	31	2.8	0.97	0.39	0.58
6	4.4	1.6	2.6	13	33	7.1	6.0	15	19	0.79	0.51	0.53
7	1.5	1.7	2.7	5.3	30	6.1	5.4	10	11	0.74	0.32	0.47
8	1.2	1.8	2.7	3.6	14	5.5	5.1	7.5	4.5	1.1	0.32	0.48
9	1.4	1.8	2.6	3.2	9.6	5.5	6.2	6.2	3.2	0.61	0.35	0.44
10	1.4	1.7	6.9	2.9	7.8	5.0	5.4	8.0	2.6	0.64	0.33	0.40
11	1.4	1.8	5.9	2.9	6.6	4.6	4.7	7.5	2.2	0.78	0.33	0.35
12	2.0	1.8	3.6	2.8	5.9	12	13	5.3	2.0	0.96	0.31	0.33
13	2.1	1.6	5.0	2.7	5.3	24	10	5.6	1.8	1.2	0.28	0.57
14	6.4	1.6	4.9	2.7	4.9	9.4	7.0	5.0	2.1	1.5	0.28	20
15	2.5	1.7	3.8	2.5	4.6	7.3	5.8	3.9	2.1	0.89	0.30	23
16	2.4	1.5	3.0	2.4	4.6	6.3	4.9	3.5	1.6	0.68	0.35	5.7
17	2.7	1.5	18	2.4	4.2	5.7	4.4	3.2	1.5	0.62	0.58	2.1
18	2.7	1.5	15	2.4	4.0	5.1	4.0	8.6	1.4	0.58	0.57	7.7
19	2.6	1.5	6.3	79	3.8	5.2	3.6	4.0	1.4	0.65	0.55	2.9
20	2.6	1.6	4.8	31	4.8	5.0	3.3	3.4	1.3	0.71	0.47	1.8
21	2.5	1.5	3.8	21	4.1	10	3.2	3.1	1.2	0.56	0.38	138
22	2.4	1.4	3.6	12	3.8	5.6	2.9	2.9	1.2	0.53	1.2	50
23	2.3	9.8	8.8	46	3.7	4.8	2.8	2.8	4.4	0.54	1.4	16
24	2.1	10	9.4	27	3.5	4.6	2.6	2.5	2.6	0.66	0.47	9.2
25	2.4	4.2	4.7	61	3.5	4.4	6.1	2.4	1.8	0.71	0.45	15
26	2.4	3.6	3.9	18	3.4	5.3	3.1	2.2	1.8	1.7	1.2	37
27	1.7	3.4	3.6	12	3.2	5.2	3.0	2.1	1.7	1.2	1.6	43
28	1.9	3.3	3.5	8.9	3.3	4.3	2.8	2.0	1.8	0.73	8.6	14
29	1.8	3.5	2.9	7.3	---	4.0	2.4	1.9	1.4	0.56	1.2	8.1
30	1.8	6.4	2.9	6.3	---	45	2.8	1.8	1.2	0.50	0.83	6.0
31	1.8	---	2.6	5.6	---	51	---	1.8	---	0.77	1.1	---
TOTAL	64.55	80.3	152.9	399.0	193.9	347.1	184.3	312.9	85.5	26.28	27.13	407.31
MEAN	2.08	2.68	4.93	12.9	6.92	11.2	6.14	10.1	2.85	0.85	0.88	13.6
MAX	6.4	10	18	79	33	51	25	108	19	1.7	8.6	138
MIN	0.77	1.4	2.6	2.4	3.2	3.3	2.4	1.8	1.2	0.50	0.28	0.33
MED	2.0	1.7	3.6	3.6	4.5	5.6	5.0	4.0	1.8	0.74	0.47	2.5
AC-FT	128	159	303	791	385	688	366	621	170	52	54	808

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	2.08	2.68	4.93	12.9	6.93	11.2	6.14	10.1	2.85	0.85	1.08	7.92
MAX	2.08	2.68	4.93	12.9	6.93	11.2	6.14	10.1	2.85	0.85	1.28	13.6
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001	2002
MIN	2.08	2.68	4.93	12.9	6.93	11.2	6.14	10.1	2.85	0.85	0.88	2.27
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	2281.17			
ANNUAL MEAN	6.25		6.25	
HIGHEST ANNUAL MEAN			6.25	2002
LOWEST ANNUAL MEAN			6.25	2002
HIGHEST DAILY MEAN	138	Sep 21	221	Jul 25 2001
LOWEST DAILY MEAN	0.28	Aug 13	0.28	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	0.31	Aug 9	0.31	Aug 9 2002
MAXIMUM PEAK FLOW	710	Sep 21	710	Sep 21 2002
MAXIMUM PEAK STAGE	5.71	Sep 21	5.71	Sep 21 2002
INSTANTANEOUS LOW FLOW	0.23	Aug 13		
ANNUAL RUNOFF (AC-FT)	4520		4530	
10 PERCENT EXCEEDS	12		12	
50 PERCENT EXCEEDS	2.9		2.9	
90 PERCENT EXCEEDS	0.58		0.58	

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40* DATUM 935.00 NGVD29
Date Processed: 2003-03-12 08:42 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	1.6	1.7
2	---	---	---	---	---	---	---	---	---	---	1.4	1.1
3	---	---	---	---	---	---	---	---	---	---	e1.2	1.1
4	---	---	---	---	---	---	---	---	---	---	e1.2	7.6
5	---	---	---	---	---	---	---	---	---	---	e1.1	1.5
6	---	---	---	---	---	---	---	---	---	---	e2.0	1.1
7	---	---	---	---	---	---	---	---	---	---	3.1	0.89
8	---	---	---	---	---	---	---	---	---	---	1.7	0.82
9	---	---	---	---	---	---	---	---	---	---	1.4	0.78
10	---	---	---	---	---	---	---	---	---	---	1.4	5.6
11	---	---	---	---	---	---	---	---	---	---	1.3	3.2
12	---	---	---	---	---	---	---	---	---	---	1.2	1.1
13	---	---	---	---	---	---	---	---	---	0.94	3.1	0.86
14	---	---	---	---	---	---	---	---	---	0.96	3.4	0.75
15	---	---	---	---	---	---	---	---	---	0.86	1.4	0.63
16	---	---	---	---	---	---	---	---	---	0.81	1.2	0.68
17	---	---	---	---	---	---	---	---	---	0.79	1.1	0.68
18	---	---	---	---	---	---	---	---	---	0.75	1.0	0.64
19	---	---	---	---	---	---	---	---	---	0.71	0.96	0.67
20	---	---	---	---	---	---	---	---	---	0.72	0.96	0.76
21	---	---	---	---	---	---	---	---	---	0.76	0.80	0.67
22	---	---	---	---	---	---	---	---	---	0.68	0.68	0.62
23	---	---	---	---	---	---	---	---	---	0.60	0.68	2.3
24	---	---	---	---	---	---	---	---	---	0.91	0.64	23
25	---	---	---	---	---	---	---	---	---	221	0.62	3.3
26	---	---	---	---	---	---	---	---	---	20	0.84	1.7
27	---	---	---	---	---	---	---	---	---	5.5	0.76	1.3
28	---	---	---	---	---	---	---	---	---	3.9	0.62	1.1
29	---	---	---	---	---	---	---	---	---	4.2	0.68	0.94
30	---	---	---	---	---	---	---	---	---	3.3	0.74	0.93
31	---	---	---	---	---	---	---	---	---	2.0	0.76	---
TOTAL	---	---	---	---	---	---	---	---	---	---	39.54	68.02
MEAN	---	---	---	---	---	---	---	---	---	---	1.28	2.27
MAX	---	---	---	---	---	---	---	---	---	---	3.4	23
MIN	---	---	---	---	---	---	---	---	---	---	0.62	0.62
MED	---	---	---	---	---	---	---	---	---	---	1.1	1.00
AC-FT	---	---	---	---	---	---	---	---	---	---	78	135

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2001, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	---	1.28	2.27
MAX	---	---	---	---	---	---	---	---	---	---	1.28	2.27
(WY)	---	---	---	---	---	---	---	---	---	---	2001	2001
MIN	---	---	---	---	---	---	---	---	---	---	1.28	2.27
(WY)	---	---	---	---	---	---	---	---	---	---	2001	2001

e Estimated

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40* DATUM 935.00 NGVD29
Date Processed: 2003-03-12 08:42 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.44	0.63	0.53	0.49	0.57	0.51	0.83	0.76	0.45	0.39	0.38	0.40
2	0.44	0.63	0.51	0.49	0.55	0.94	0.71	0.57	0.44	0.39	0.34	0.37
3	0.43	0.63	0.50	0.52	0.54	0.83	0.65	0.81	0.43	0.39	0.32	0.37
4	0.44	0.63	0.49	0.51	0.54	0.68	0.62	1.53	0.43	0.40	0.31	0.36
5	0.45	0.63	0.49	0.51	0.53	0.63	0.60	0.89	0.49	0.38	0.30	0.34
6	0.57	0.63	0.49	0.68	0.87	0.60	0.58	0.71	0.70	0.37	0.32	0.33
7	0.48	0.63	0.49	0.56	0.88	0.58	0.57	0.65	0.65	0.36	0.28	0.32
8	0.47	0.63	0.49	0.52	0.70	0.57	0.56	0.61	0.54	0.38	0.28	0.32
9	0.48	0.63	0.49	0.51	0.64	0.57	0.58	0.59	0.49	0.34	0.29	0.31
10	0.48	0.63	0.58	0.50	0.62	0.56	0.57	0.61	0.47	0.35	0.28	0.30
11	0.48	0.63	0.58	0.50	0.59	0.55	0.55	0.61	0.45	0.37	0.28	0.29
12	0.51	0.63	0.52	0.50	0.58	0.67	0.66	0.57	0.44	0.38	0.27	0.28
13	0.52	0.62	0.56	0.49	0.57	0.82	0.65	0.57	0.43	0.39	0.27	0.31
14	0.64	0.63	0.56	0.49	0.56	0.64	0.60	0.56	0.45	0.42	0.27	0.76
15	0.55	0.63	0.53	0.49	0.55	0.61	0.58	0.53	0.45	0.38	0.27	0.81
16	0.55	0.62	0.50	0.48	0.55	0.59	0.56	0.52	0.43	0.35	0.29	0.57
17	0.57	0.62	0.68	0.48	0.54	0.58	0.55	0.51	0.42	0.35	0.33	0.47
18	0.57	0.62	0.71	0.48	0.53	0.56	0.53	0.61	0.41	0.34	0.33	0.60
19	0.57	0.62	0.59	1.21	0.53	0.56	0.52	0.53	0.41	0.34	0.33	0.50
20	0.58	0.62	0.56	0.89	0.55	0.56	0.51	0.52	0.41	0.36	0.32	0.46
21	0.58	0.62	0.53	0.78	0.54	0.65	0.51	0.51	0.40	0.33	0.29	1.60
22	0.58	0.61	0.52	0.67	0.53	0.57	0.50	0.50	0.40	0.33	0.36	1.06
23	0.58	0.71	0.61	1.03	0.53	0.56	0.50	0.50	0.52	0.33	0.40	0.72
24	0.58	0.64	0.64	0.83	0.52	0.55	0.49	0.49	0.47	0.35	0.32	0.63
25	0.60	0.54	0.55	1.15	0.52	0.55	0.57	0.48	0.43	0.36	0.31	0.70
26	0.62	0.52	0.53	0.75	0.52	0.56	0.51	0.47	0.44	0.41	0.38	0.93
27	0.60	0.52	0.52	0.68	0.51	0.56	0.50	0.47	0.43	0.40	0.42	1.01
28	0.62	0.51	0.52	0.63	0.51	0.54	0.50	0.47	0.43	0.36	0.58	0.70
29	0.63	0.52	0.50	0.61	---	0.54	0.48	0.46	0.41	0.33	0.40	0.62
30	0.64	0.58	0.50	0.59	---	0.97	0.50	0.46	0.40	0.32	0.37	0.58
31	0.63	---	0.49	0.57	---	1.08	---	0.45	---	0.35	0.39	---
MEAN	0.54	0.61	0.54	0.63	0.58	0.64	0.57	0.60	0.46	0.36	0.33	0.57
MAX	0.64	0.71	0.71	1.21	0.88	1.08	0.83	1.53	0.70	0.42	0.58	1.60
MIN	0.43	0.51	0.49	0.48	0.51	0.51	0.48	0.45	0.40	0.32	0.27	0.28

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40* DATUM 935.00 NGVD29
Date Processed: 2003-03-12 08:42 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	0.49	0.49
2	---	---	---	---	---	---	---	---	---	---	0.48	0.46
3	---	---	---	---	---	---	---	---	---	---	---	0.46
4	---	---	---	---	---	---	---	---	---	---	---	0.63
5	---	---	---	---	---	---	---	---	---	---	---	0.49
6	---	---	---	---	---	---	---	---	---	---	---	0.46
7	---	---	---	---	---	---	---	---	---	---	0.55	0.45
8	---	---	---	---	---	---	---	---	---	---	0.50	0.44
9	---	---	---	---	---	---	---	---	---	---	0.48	0.44
10	---	---	---	---	---	---	---	---	---	---	0.48	0.52
11	---	---	---	---	---	---	---	---	---	---	0.48	0.55
12	---	---	---	---	---	---	---	---	---	---	0.47	0.46
13	---	---	---	---	---	---	---	---	---	0.45	0.52	0.44
14	---	---	---	---	---	---	---	---	---	0.45	0.56	0.43
15	---	---	---	---	---	---	---	---	---	0.44	0.48	0.42
16	---	---	---	---	---	---	---	---	---	0.44	0.47	0.42
17	---	---	---	---	---	---	---	---	---	0.44	0.46	0.42
18	---	---	---	---	---	---	---	---	---	0.43	0.45	0.42
19	---	---	---	---	---	---	---	---	---	0.43	0.45	0.42
20	---	---	---	---	---	---	---	---	---	0.43	0.45	0.43
21	---	---	---	---	---	---	---	---	---	0.43	0.44	0.42
22	---	---	---	---	---	---	---	---	---	0.42	0.42	0.42
23	---	---	---	---	---	---	---	---	---	0.41	0.42	0.47
24	---	---	---	---	---	---	---	---	---	0.43	0.42	0.82
25	---	---	---	---	---	---	---	---	---	2.33	0.41	0.56
26	---	---	---	---	---	---	---	---	---	0.82	0.44	0.50
27	---	---	---	---	---	---	---	---	---	0.62	0.43	0.47
28	---	---	---	---	---	---	---	---	---	0.58	0.42	0.46
29	---	---	---	---	---	---	---	---	---	0.59	0.42	0.45
30	---	---	---	---	---	---	---	---	---	0.56	0.43	0.45
31	---	---	---	---	---	---	---	---	---	0.51	0.43	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	0.48
MAX	---	---	---	---	---	---	---	---	---	---	---	0.82
MIN	---	---	---	---	---	---	---	---	---	---	---	0.42

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40* DATUM 935.00 NGVD29
Date Processed: 2003-03-12 08:42 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.88	0.00	0.00	0.05	0.00
2	0.00	0.00	0.00	0.00	0.00	1.76	0.00	0.00	0.00	0.00	0.01	0.00
3	0.00	0.00	0.00	0.00	0.02	0.28	0.00	---	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.16	0.00	0.00	0.00	---	0.30	0.00	0.00	0.00
5	0.01	0.00	0.00	0.07	0.00	0.00	0.00	---	0.20	0.00	0.00	0.00
6	0.43	0.00	0.00	0.50	1.68	0.00	0.00	---	1.47	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.15	0.00	0.00	---	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.09	0.32	0.13	0.00	0.00	0.00	0.00
10	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.50	0.00	0.03	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
12	0.01	0.00	0.01	0.09	0.06	1.19	0.80	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.21	0.00	0.00	0.15	0.09	0.12	0.00	0.22	0.00	0.98
14	0.62	0.00	0.09	0.00	0.00	0.00	0.08	0.00	0.37	0.01	0.00	1.13
15	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.07	1.15
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
17	0.00	0.00	1.08	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.08	0.03
18	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.42	0.00	0.00	0.24	0.67
19	0.00	0.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00
20	0.00	0.00	0.00	0.00	0.19	0.20	0.00	0.00	0.00	0.00	0.00	0.10
21	0.00	0.00	0.00	0.38	0.00	0.30	0.00	0.00	0.00	0.00	0.12	3.64
22	0.00	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.01
23	0.00	1.14	0.56	0.17	0.00	0.00	0.00	0.00	0.84	0.09	0.00	0.00
24	0.00	0.01	0.00	1.28	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
25	0.01	0.01	0.00	0.08	0.00	0.00	0.53	0.00	0.06	0.00	0.17	0.99
26	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.03	0.32	0.97	1.02
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.38
28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.07	0.00	0.96	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.01	0.00	0.00	0.00
30	0.00	0.29	0.00	0.00	---	2.13	0.15	0.00	0.00	0.05	0.00	0.00
31	0.00	---	0.00	0.00	---	0.49	---	0.00	---	0.23	0.01	---
TOTAL	1.08	1.45	2.62	6.09	2.14	6.78	2.01	---	3.51	1.14	2.74	10.10

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40* DATUM 935.00 NGVD29
Date Processed: 2003-03-12 08:42 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	0.34
2	---	---	---	---	---	---	---	---	---	---	---	0.02
3	---	---	---	---	---	---	---	---	---	---	---	0.21
4	---	---	---	---	---	---	---	---	---	---	---	0.37
5	---	---	---	---	---	---	---	---	---	---	---	0.00
6	---	---	---	---	---	---	---	---	---	---	---	0.05
7	---	---	---	---	---	---	---	---	---	---	---	0.00
8	---	---	---	---	---	---	---	---	---	---	---	0.00
9	---	---	---	---	---	---	---	---	---	---	---	0.00
10	---	---	---	---	---	---	---	---	---	---	---	0.11
11	---	---	---	---	---	---	---	---	---	---	---	0.00
12	---	---	---	---	---	---	---	---	---	---	---	0.00
13	---	---	---	---	---	---	---	---	---	---	---	0.00
14	---	---	---	---	---	---	---	---	---	---	---	0.00
15	---	---	---	---	---	---	---	---	---	---	---	0.00
16	---	---	---	---	---	---	---	---	---	---	---	0.00
17	---	---	---	---	---	---	---	---	---	---	---	0.00
18	---	---	---	---	---	---	---	---	---	---	---	0.00
19	---	---	---	---	---	---	---	---	---	---	---	0.05
20	---	---	---	---	---	---	---	---	---	---	---	0.00
21	---	---	---	---	---	---	---	---	---	---	---	0.00
22	---	---	---	---	---	---	---	---	---	---	0.00	0.00
23	---	---	---	---	---	---	---	---	---	---	0.00	0.68
24	---	---	---	---	---	---	---	---	---	---	0.00	1.19
25	---	---	---	---	---	---	---	---	---	---	0.00	0.00
26	---	---	---	---	---	---	---	---	---	---	0.05	0.00
27	---	---	---	---	---	---	---	---	---	---	0.04	0.00
28	---	---	---	---	---	---	---	---	---	---	0.00	0.00
29	---	---	---	---	---	---	---	---	---	---	0.02	0.00
30	---	---	---	---	---	---	---	---	---	---	0.01	0.00
31	---	---	---	---	---	---	---	---	---	---	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	3.02

02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA

LOCATION.—Lat 34°00'37", long 83°53'39" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070101, 3.0 miles north of Dacula, and 2.5 miles west of Auburn.

DRAINAGE AREA.—5.40 mi^2.

COOPERATION.—Gwinnett County Department of Public Works.

PERIOD OF RECORD.— July 13, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: July 13, 2001 to current year.
WATER TEMPERATURE: July 13, 2001 to current year.
TURBIDITY: July 13, 2001 to current year.

INSTRUMENTATION.— Satellite telemetry with a continuous water-quality monitor.

REMARKS.— Records fair, except turbidity records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 88 microsiemens, September 16, 2002; minimum recorded, 20 microsiemens, July 25, 2001.
WATER TEMPERATURE: Maximum recorded, 26.1°C, July 29,30, 2002; minimum recorded, 0.8°C, January 4, 2002.
TURBIDITY: Maximum recorded, >2,200 NTU, May 1-3, June 6, 2002; minimum recorded, <5.0 NTU, on several days during winter 2002.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 79 microsiemens, August 27; minimum, 20 microsiemens, July 25.
WATER TEMPERATURE: Maximum, 24.6°C, July 12; minimum 13.5°C, September 30.
TURBIDITY: Maximum, >1100 NTU, August 13; minimum, 7.0 NTU, August 21.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 79 microsiemens, September 16; minimum, 20 microsiemens, January 27.
WATER TEMPERATURE: Maximum, 26.1°C, July 29, 30; minimum, 0.8°C, January 4.
TURBIDITY: Maximum, >2,200 NTU, May 1-3, June 6; minimum, <5.0 NTU, on several days during winter months.

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 10:46 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
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26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 10:46 By ceoberst
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
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27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
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30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 10:46 By ceoberst
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DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	58	56	57	64	58	61
2	---	---	---	---	---	---	60	58	59	61	59	61
3	---	---	---	---	---	---	---	---	---	61	60	61
4	---	---	---	---	---	---	---	---	---	61	47	54
5	---	---	---	---	---	---	---	---	---	62	57	60
6	---	---	---	---	---	---	---	---	---	63	61	62
7	---	---	---	---	---	---	61	57	59	63	62	63
8	---	---	---	---	---	---	62	59	61	63	62	62
9	---	---	---	---	---	---	63	61	62	63	62	62
10	---	---	---	---	---	---	63	61	62	66	50	62
11	---	---	---	---	---	---	63	62	63	69	51	59
12	---	---	---	---	---	---	62	61	62	61	60	61
13	---	---	---	65	60	62	65	43	59	62	60	61
14	---	---	---	63	61	62	65	56	60	74	61	63
15	---	---	---	64	60	62	62	59	61	66	61	63
16	---	---	---	65	61	63	64	61	62	65	61	63
17	---	---	---	63	60	62	66	61	63	66	60	62
18	---	---	---	75	61	67	64	62	63	66	59	62
19	---	---	---	67	61	62	64	61	63	68	59	59
20	---	---	---	63	60	61	66	61	63	60	58	59
21	---	---	---	63	60	61	69	62	66	59	57	58
22	---	---	---	62	59	60	63	60	62	60	58	59
23	---	---	---	62	59	60	78	61	66	64	57	59
24	---	---	---	62	57	60	63	61	62	60	43	52
25	---	---	---	63	20	39	76	61	67	57	52	54
26	---	---	---	41	37	39	77	60	66	62	55	58
27	---	---	---	42	39	41	79	69	74	64	56	59
28	---	---	---	48	45	47	69	61	64	74	58	65
29	---	---	---	52	48	50	63	60	62	73	61	65
30	---	---	---	53	51	52	61	60	60	70	61	64
31	---	---	---	56	53	55	61	60	60	---	---	---
MONTH	---	---	---	75	20	56	79	43	63	74	43	60
YEAR	79	20	60									

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 11:48 By ceoberst
APPROVED
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	70	61	65	64	63	64	65	62	64	58	58	58
2	63	59	61	64	63	64	65	62	63	59	58	58
3	63	59	61	64	63	64	63	61	62	58	56	57
4	63	62	63	64	64	64	61	60	60	58	57	58
5	63	62	63	64	64	64	62	60	61	58	57	58
6	65	55	60	64	64	64	62	61	61	60	56	58
7	60	58	60	64	64	64	62	61	61	61	60	60
8	62	60	61	64	63	63	61	61	61	61	59	60
9	63	61	62	64	63	64	62	61	61	60	59	59
10	81	63	75	66	63	64	61	59	61	59	58	58
11	73	66	70	64	63	63	61	59	60	59	58	59
12	66	62	64	65	63	65	62	60	61	59	58	58
13	65	64	64	66	65	65	61	59	60	58	58	58
14	66	61	64	66	65	65	63	59	61	59	56	58
15	66	63	64	65	62	64	63	62	63	58	56	57
16	66	63	64	62	61	62	63	62	62	58	56	57
17	66	65	66	61	61	61	63	44	59	57	57	57
18	65	63	64	61	61	61	56	49	55	57	56	57
19	64	64	64	62	60	61	58	56	57	57	29	47
20	64	63	63	67	61	64	58	58	58	41	35	39
21	64	63	64	61	61	61	59	58	59	44	41	42
22	65	64	64	61	60	61	59	59	59	47	44	45
23	65	65	65	75	60	62	59	56	58	45	33	40
24	65	65	65	81	75	78	60	56	58	47	37	46
25	66	65	66	81	78	79	61	60	60	47	33	43
26	75	66	68	78	73	75	61	60	61	51	47	49
27	75	67	72	75	73	74	61	60	60	52	51	51
28	67	65	66	75	69	72	60	60	60	53	52	52
29	65	64	65	69	63	67	60	60	60	53	52	53
30	64	63	64	69	62	65	60	59	59	54	53	53
31	63	63	63	---	---	---	59	58	59	54	54	54
MONTH	81	55	65	81	60	65	65	44	60	61	29	54

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	55	54	54	54	53	53	47	44	46	58	44	53
2	55	54	55	53	36	46	49	47	48	59	58	58
3	55	54	55	48	46	47	51	49	50	62	49	56
4	55	54	54	49	48	49	50	49	49	58	28	43
5	55	54	55	50	49	50	52	50	50	52	45	49
6	55	37	49	50	50	50	51	50	51	53	52	52
7	49	41	47	51	50	50	52	51	51	56	53	54
8	52	49	51	51	50	50	52	51	52	57	56	56
9	53	52	52	51	50	50	55	52	53	58	56	57
10	53	52	53	51	50	50	57	54	56	58	51	57
11	53	53	53	51	50	50	56	52	56	57	54	56
12	54	53	53	50	48	49	53	49	51	59	57	59
13	53	53	53	52	44	50	54	53	54	60	58	59
14	54	53	53	52	51	51	55	53	54	59	58	59
15	54	52	53	52	51	52	55	54	54	61	58	58
16	53	53	53	53	52	52	55	54	54	59	58	58
17	54	53	53	53	52	53	57	54	55	58	57	58
18	54	53	53	53	52	53	56	54	55	62	55	59
19	54	52	53	53	52	53	57	55	56	60	58	58
20	54	52	53	53	52	53	57	55	56	61	59	59
21	54	53	53	54	52	53	56	55	56	59	58	59
22	54	52	53	54	53	54	57	56	56	58	57	58
23	53	52	53	54	53	53	57	55	56	75	57	64
24	53	52	53	53	52	53	56	54	55	60	57	58
25	53	52	53	53	52	53	60	54	56	59	57	58
26	53	52	52	54	52	53	57	56	56	58	57	58
27	53	52	53	54	52	53	56	55	56	58	57	58
28	54	53	53	55	53	54	56	55	55	59	57	58
29	---	---	---	56	54	55	56	55	56	59	58	59
30	---	---	---	55	36	49	57	56	56	59	58	59
31	---	---	---	46	36	44	---	---	---	59	58	59
MONTH	55	37	53	56	36	51	60	44	54	75	28	57

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	60	59	60	61	59	60	70	63	67	66	62	63
2	61	59	60	62	59	61	64	63	64	67	64	66
3	62	60	61	63	59	61	66	64	64	69	67	67
4	63	61	62	62	58	60	66	64	65	68	65	66
5	64	60	63	61	60	60	68	65	67	67	65	66
6	64	41	57	62	61	62	69	66	68	68	66	67
7	56	46	53	63	62	62	71	68	69	68	67	68
8	58	55	57	64	59	62	68	66	67	69	67	68
9	59	58	58	64	63	63	66	65	66	71	68	69
10	60	58	59	67	63	65	68	66	67	71	68	69
11	62	59	60	68	65	66	70	68	69	72	69	70
12	63	59	60	67	64	66	70	68	69	75	70	72
13	61	59	60	66	63	64	70	68	69	80	67	76
14	---	---	---	64	63	64	70	68	69	67	49	58
15	---	---	---	65	63	64	70	68	69	80	66	70
16	---	---	---	67	65	66	71	69	70	88	80	85
17	---	---	---	69	65	67	75	71	72	85	80	82
18	59	55	57	69	67	68	75	69	73	81	69	74
19	58	57	57	68	67	68	70	67	68	78	75	77
20	58	56	57	71	67	69	72	69	70	79	77	77
21	58	56	57	70	67	68	73	71	72	79	24	62
22	58	56	57	69	67	68	74	69	71	56	45	51
23	58	49	52	69	68	69	72	61	63	64	56	60
24	54	53	53	69	68	68	72	64	67	69	61	65
25	58	54	56	68	67	68	71	69	71	68	62	65
26	58	57	58	68	61	66	70	55	67	69	47	62
27	59	57	58	65	62	63	67	61	64	58	47	53
28	60	57	58	66	64	65	64	42	57	57	55	56
29	60	58	60	66	64	66	62	56	59	59	57	57
30	61	59	60	68	64	66	65	62	64	59	59	59
31	---	---	---	68	66	67	67	65	66	---	---	---
MONTH	64	41	58	71	58	65	75	42	67	88	24	67
YEAR	88	24	60									

1 U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 10:37 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
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27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
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30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 10:37 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	23.8	22.2	23.0	22.3	21.4	21.7
2	---	---	---	---	---	---	23.2	21.8	22.4	21.8	21.0	21.4
3	---	---	---	---	---	---	---	---	---	21.7	21.3	21.4
4	---	---	---	---	---	---	---	---	---	22.1	21.4	21.8
5	---	---	---	---	---	---	---	---	---	22.9	21.1	21.9
6	---	---	---	---	---	---	---	---	---	23.0	21.5	22.3
7	---	---	---	---	---	---	23.4	22.1	22.8	22.9	21.4	22.2
8	---	---	---	---	---	---	24.0	22.6	23.2	22.6	20.8	21.6
9	---	---	---	---	---	---	24.5	23.1	23.8	22.4	20.9	21.7
10	---	---	---	---	---	---	24.4	23.3	23.8	24.0	21.7	22.6
11	---	---	---	---	---	---	24.2	23.1	23.6	23.5	22.6	23.1
12	---	---	---	---	---	---	23.7	22.9	23.3	23.2	21.8	22.7
13	---	---	---	24.3	23.0	23.7	24.1	23.0	23.3	21.8	20.0	21.0
14	---	---	---	23.8	21.7	22.7	23.8	22.1	22.9	21.2	19.2	20.4
15	---	---	---	23.1	20.7	21.9	23.8	22.0	22.9	20.7	18.0	19.2
16	---	---	---	22.5	20.3	21.4	23.7	22.1	22.8	18.0	15.8	17.1
17	---	---	---	22.6	20.1	21.4	23.6	22.1	22.9	17.9	15.6	16.8
18	---	---	---	23.2	20.7	21.9	24.6	22.8	23.5	17.9	15.7	16.9
19	---	---	---	23.1	21.2	22.1	24.0	22.5	23.1	19.0	17.3	18.1
20	---	---	---	23.2	22.1	22.6	23.7	22.2	23.0	20.5	18.8	19.5
21	---	---	---	23.0	21.7	22.3	23.2	21.0	22.0	20.2	18.0	19.1
22	---	---	---	23.2	20.5	21.7	22.5	19.9	21.2	20.3	18.0	19.2
23	---	---	---	23.5	20.3	21.8	22.9	20.5	21.6	20.9	18.6	19.6
24	---	---	---	23.1	22.1	22.5	23.6	21.2	22.2	20.8	19.4	20.4
25	---	---	---	23.3	22.3	22.9	23.2	21.6	22.4	19.4	16.4	17.6
26	---	---	---	23.6	21.8	22.6	23.2	21.4	22.4	16.4	14.2	15.4
27	---	---	---	23.6	22.4	23.1	23.5	21.9	22.8	16.1	13.7	15.1
28	---	---	---	23.6	22.0	22.6	23.3	21.7	22.4	16.4	14.2	15.4
29	---	---	---	23.1	21.9	22.4	22.9	21.9	22.4	16.2	14.5	15.4
30	---	---	---	23.7	22.1	22.8	22.7	21.9	22.3	15.5	13.5	14.7
31	---	---	---	24.0	22.8	23.4	22.6	21.7	22.1	---	---	---
MONTH	---	---	---	24.3	20.1	22.4	24.6	19.9	22.7	24.0	13.5	19.5
YEAR	24.6	13.5	21.4									

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 11:13 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	15.8	13.7	14.9	13.5	10.3	11.8	13.9	11.8	12.9	4.3	2.4	3.6
2	16.1	13.7	15.0	14.6	12.1	13.3	13.0	10.5	11.9	3.9	3.1	3.5
3	---	---	---	16.1	13.5	14.6	11.9	9.8	11.0	3.5	2.2	2.9
4	---	---	---	15.4	13.4	14.3	11.1	8.5	10	2.8	0.8	2.0
5	16.2	14.8	15.6	13.8	11.3	12.6	11.4	8.3	10	4.0	0.9	2.5
6	17.6	15.7	16.8	12.4	10.1	11.2	12.9	10.3	11.7	5.2	3.7	4.4
7	15.7	13.4	14.4	11.6	8.7	10.2	13.6	10.9	12.4	5.3	4.2	5.0
8	13.9	12.1	13.0	12.2	9.2	10.7	13.9	11.6	13.0	4.5	2.8	3.8
9	13.3	11.3	12.4	12.9	10.1	11.4	13.7	12.3	13.1	6.0	2.8	4.3
10	14.7	12.0	13.3	12.7	10.0	11.3	13.3	10.2	11.5	8.5	5.4	6.9
11	16.4	14.5	15.4	12.5	9.8	11.1	11.3	9.9	10.6	10.5	8.3	9.2
12	17.6	16.1	16.8	12.1	10.0	11.0	11.6	10.7	11.1	8.3	6.1	6.9
13	18.7	17.3	18.0	10.9	9.0	10.0	12.7	11.6	12.1	7.0	5.0	6.1
14	19.3	17.3	18.6	11.1	8.4	9.7	15.0	12.7	13.7	6.5	4.5	5.5
15	17.3	15.0	16.1	11.6	8.8	10.2	13.0	10.3	11.5	7.1	4.9	6.0
16	15.4	13.1	14.2	11.4	8.5	10	11.4	9.5	10.6	6.5	4.1	5.5
17	13.1	11.0	11.9	11.8	8.8	10.3	13.1	11.2	11.9	7.2	3.7	5.5
18	12.0	9.6	10.9	12.0	9.5	10.7	13.0	10.9	12.0	9.0	6.8	7.8
19	12.5	9.7	11.2	11.7	9.3	10.6	10.9	8.7	9.9	8.1	6.7	7.4
20	14.0	11.3	12.7	12.1	10.0	11.1	10.1	7.6	8.8	8.2	6.1	7.2
21	15.0	12.3	13.7	10.0	7.9	8.9	7.9	5.9	7.0	9.3	7.1	8.0
22	15.9	13.5	14.7	9.8	7.0	8.4	7.5	5.3	6.5	8.9	6.0	7.6
23	17.0	14.7	15.8	11.6	9.4	10.1	8.9	6.2	7.2	9.6	7.9	8.7
24	16.9	14.8	16.0	13.7	11.6	12.7	8.8	6.2	7.6	12.1	9.6	10.8
25	17.1	14.8	16.5	15.5	13.6	14.4	6.4	4.6	5.6	11.8	10.2	11.2
26	14.8	12.1	13.3	14.3	11.9	13.3	5.4	3.5	4.3	10.3	7.8	9.2
27	12.1	9.5	10.6	15.9	13.7	14.8	4.3	2.4	3.4	10.1	7.0	8.6
28	10.0	7.6	8.8	15.8	13.8	14.9	6.3	3.3	4.7	11.6	8.3	9.9
29	10.0	7.0	8.4	16.2	14.0	15.1	8.0	5.8	6.7	13.3	9.6	11.4
30	10.9	7.6	9.2	16.1	13.9	15.4	6.6	4.6	5.4	14.4	11.1	12.7
31	11.3	8.5	9.9	---	---	---	5.0	4.2	4.6	15.6	12.5	14.0
MONTH	19.3	7.0	13.7	16.2	7.0	11.8	15.0	2.4	9.4	15.6	0.8	7.0

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 11:13 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.2	12.5	14.3	7.4	2.5	5.0	17.6	13.4	15.5	17.7	15.5	16.6
2	12.5	9.1	10.5	7.7	6.2	6.7	18.2	12.4	15.4	20.4	17.1	18.7
3	9.3	7.7	8.4	9.2	6.7	8.2	19.6	14.3	16.6	19.9	18.5	19.1
4	8.9	6.7	7.8	7.3	4.3	5.7	17.0	12.7	14.8	18.5	15.7	16.5
5	6.7	5.0	6.0	8.7	3.6	6.0	16.9	11.2	13.8	17.6	15.3	16.2
6	6.4	5.2	5.7	10.5	4.9	7.5	16.2	10.3	13.2	18.3	15.3	16.9
7	7.6	5.8	6.9	11.9	6.3	8.9	16.4	10.5	13.3	19.6	16.6	18.1
8	9.2	5.6	7.3	13.3	7.7	10.5	16.5	12.5	14.3	20.4	18.0	19.2
9	9.9	6.1	8.1	14.1	11.3	12.6	15.8	14.7	15.2	20.9	18.4	19.7
10	12.8	9.5	11.0	12.8	9.2	11.0	18.4	14.8	16.3	20.8	18.5	19.8
11	11.5	8.8	10	11.9	6.8	9.4	16.7	15.6	16.0	20.3	18.9	19.4
12	9.8	6.2	8.0	10.5	9.5	9.9	16.2	15.3	15.7	19.3	18.0	18.6
13	10.3	7.2	8.6	13.7	10.0	11.6	16.3	15.4	15.8	20.1	18.4	19.3
14	9.9	6.2	8.0	15.9	10.4	13.0	18.6	15.5	16.9	18.4	15.4	16.8
15	10.3	6.3	8.3	16.5	11.3	13.9	20.0	15.9	17.9	17.6	14.1	16.0
16	11.7	8.3	9.8	17.8	14.1	15.8	20.6	16.5	18.7	18.1	14.6	16.6
17	10.5	7.3	8.8	18.7	15.2	16.8	21.5	17.5	19.5	19.5	16.7	18.1
18	9.5	5.4	7.5	18.3	15.0	16.7	22.0	17.9	19.9	19.4	17.3	18.8
19	9.7	5.1	7.5	16.8	15.1	15.9	22.2	18.0	20.1	17.3	14.8	16.0
20	10.7	8.1	9.3	17.3	14.3	15.8	22.1	19.0	20.5	15.9	13.8	14.9
21	12.4	8.1	10.2	17.9	14.5	15.9	22.1	18.9	20.5	14.9	12.8	14.1
22	11.1	8.1	9.7	14.5	9.9	12.0	20.8	17.6	19.4	15.3	13.1	14.3
23	10.6	6.5	8.6	13.4	7.3	10.2	18.4	14.9	16.8	16.0	12.5	14.4
24	10.8	6.1	8.5	14.6	8.1	11.3	18.4	15.4	17.0	17.2	13.6	15.5
25	11.6	6.6	9.1	16.9	10.8	13.7	19.4	16.7	17.9	18.2	15.0	16.7
26	12.2	8.6	10.1	15.5	14.1	14.8	17.3	14.4	15.2	18.7	16.9	17.9
27	8.6	4.3	6.1	16.5	11.5	13.7	15.9	14.1	14.9	20.0	17.7	18.9
28	6.7	2.3	4.4	15.8	9.7	12.6	19.4	15.8	17.5	20.1	17.8	19.0
29	---	---	---	16.9	10.6	13.7	20.0	17.9	18.9	20.1	17.8	19.1
30	---	---	---	16.5	14.7	15.5	17.9	15.5	16.0	19.9	18.0	19.0
31	---	---	---	16.8	14.6	15.7	---	---	---	21.0	18.8	19.9
MONTH	15.2	2.3	8.5	18.7	2.5	11.9	22.2	10.3	16.8	21.0	12.5	17.6

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 11:13 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.3	19.6	20.9	24.6	22.4	23.3	25.1	22.6	23.8	22.2	20.5	21.2
2	23.2	20.4	21.8	23.8	21.4	22.6	25.1	22.7	23.8	22.4	20.6	21.4
3	23.9	21.1	22.5	23.8	21.8	22.7	24.7	22.3	23.4	22.8	20.4	21.5
4	23.9	21.6	22.7	23.1	21.3	22.3	24.2	21.7	22.9	23.8	20.9	22.2
5	23.2	21.5	22.4	24.2	21.5	22.7	24.6	21.9	23.2	24.0	21.5	22.7
6	23.9	21.6	22.5	24.8	22.2	23.4	25.3	22.7	24.0	23.7	21.9	22.7
7	23.1	21.4	22.3	24.2	22.3	23.2	24.7	22.8	23.5	22.5	20.3	21.5
8	22.7	21.0	21.8	24.2	22.2	23.1	23.1	21.2	22.1	22.1	20.0	21.1
9	21.3	19.0	20.3	23.2	20.7	22.0	22.3	20.5	21.4	21.8	19.5	20.7
10	21.2	18.3	19.9	24.5	21.9	23.0	22.4	20.5	21.4	21.6	19.2	20.4
11	21.5	18.7	20.3	23.2	22.2	22.7	21.8	20.2	21.0	21.9	19.5	20.7
12	21.9	19.0	20.5	22.6	20.9	21.3	22.1	20.0	21.0	21.7	20.6	21.1
13	22.4	19.5	21.0	21.4	20.5	20.8	22.2	20.6	21.4	21.0	20.4	20.7
14	---	---	---	23.5	21.1	22.1	23.0	21.4	22.1	22.8	21.0	21.9
15	---	---	---	24.4	21.9	23.0	23.7	22.2	22.9	22.1	21.3	21.7
16	---	---	---	24.8	22.1	23.4	24.1	22.7	23.4	23.0	21.1	22.0
17	---	---	---	25.3	22.6	23.8	24.5	22.7	23.6	22.5	21.7	22.1
18	21.2	18.4	19.9	25.4	22.8	24.1	24.2	22.3	23.2	22.8	21.9	22.4
19	21.5	19.4	20.4	24.9	22.7	23.7	24.6	22.2	23.3	22.5	21.8	22.1
20	22.2	19.7	20.9	25.3	22.7	23.9	24.5	22.0	23.2	22.6	21.8	22.1
21	21.4	19.4	20.5	24.9	22.7	23.8	24.7	23.0	23.8	22.8	22.0	22.3
22	20.7	19.4	20.1	24.6	22.3	23.4	24.5	23.0	23.7	22.5	21.8	22.1
23	21.6	20.1	20.9	24.4	22.3	23.3	25.5	23.2	24.3	22.3	21.4	21.8
24	22.2	20.4	21.3	23.2	21.8	22.5	25.5	23.1	24.2	21.7	20.7	21.1
25	22.5	21.3	21.8	23.1	22.0	22.5	24.9	23.5	24.2	20.7	18.4	19.5
26	22.3	21.4	21.8	23.7	22.3	22.9	24.2	22.6	23.2	20.0	18.2	18.7
27	23.4	21.3	22.2	24.6	22.7	23.6	23.0	21.8	22.4	21.3	20.0	20.9
28	22.3	21.4	21.9	25.8	22.9	24.2	22.8	21.8	22.3	21.1	19.7	20.5
29	23.4	21.2	22.2	26.1	23.4	24.6	22.4	21.4	21.9	20.8	20.3	20.5
30	24.1	21.6	22.8	26.1	23.7	24.8	21.9	21.3	21.6	20.8	20.0	20.4
31	---	---	---	24.9	23.1	24.0	21.5	20.9	21.2	---	---	---
MONTH	24.1	18.3	21.4	26.1	20.5	23.1	25.5	20.0	22.8	24.0	18.2	21.3
YEAR	26.1	0.8	15.4									

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 11:03 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 11:03 By ceoberst
APPROVED
DD #6, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 11:03 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	23	13	15	63	8.3	24
2	---	---	---	---	---	---	---	---	---	28	12	18
3	---	---	---	---	---	---	---	---	---	16	11	12
4	---	---	---	---	---	---	---	---	---	349	15	114
5	---	---	---	---	---	---	---	---	---	49	16	26
6	---	---	---	---	---	---	---	---	---	18	9.8	12
7	---	---	---	---	---	---	39	24	30	12	8.4	10
8	---	---	---	---	---	---	31	10	14	11	7.9	9.3
9	---	---	---	---	---	---	12	9.4	10	13	8.1	9.0
10	---	---	---	---	---	---	11	8.6	10	1050	8.0	9.1
11	---	---	---	---	---	---	13	8.7	10	657	59	126
12	---	---	---	---	---	---	12	8.3	9.4	60	22	31
13	---	---	---	16	12	14	>1100	8.5	9.4	26	15	18
14	---	---	---	17	12	14	168	36	46	17	12	13
15	---	---	---	16	12	14	36	12	18	14	11	12
16	---	---	---	15	12	13	16	9.8	13	13	8.8	10
17	---	---	---	14	11	12	12	8.8	11	12	8.4	9.9
18	---	---	---	13	10	12	12	8.5	9.7	11	7.5	8.9
19	---	---	---	14	10	12	12	8.1	9.9	11	7.8	9.1
20	---	---	---	12	9.8	11	11	7.8	9.1	10	7.2	8.7
21	---	---	---	13	9.4	11	12	7.0	9.0	---	---	---
22	---	---	---	19	9.6	11	11	7.7	8.9	---	---	---
23	---	---	---	15	9.4	11	12	8.2	9.2	124	8.6	9.9
24	---	---	---	52	9.3	11	11	8.4	9.2	1090	53	165
25	---	---	---	>1100	42	584	11	8.1	9.2	128	38	63
26	---	---	---	384	71	131	12	7.5	9.1	41	22	28
27	---	---	---	---	---	---	10	7.2	7.9	24	16	19
28	---	---	---	47	25	34	10	7.8	8.6	17	11	13
29	---	---	---	42	23	30	13	8.4	9.4	16	9.7	11
30	---	---	---	45	19	27	11	8.2	8.9	16	8.5	9.4
31	---	---	---	23	15	18	9.8	7.9	8.7	---	---	---
MAX	---	---	---	>1100	71	584	>1100	36	46	1090	59	165
MIN	---	---	---	12	9.3	11	9.8	7.0	7.9	10	7.2	8.7

YEAR MAX MAXIMUM >1100 MINIMUM 9.8
MIN MAXIMUM 71 MINIMUM 7.0
MEDIAN MAXIMUM 584 MINIMUM 7.9

> Actual value is known to be greater than the value shown

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 12:03 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	8.6	5.7	7.2	20	10	13	10	<5.0	5.7
2	---	---	---	8.6	6.4	7.3	16	9.4	11	12	5.2	6.1
3	---	---	---	9.0	6.6	7.3	14	8.6	10	12	<5.0	7.4
4	---	---	---	9.4	6.6	7.2	14	8.5	9.4	13	5.9	7.5
5	10	7.6	8.8	8.6	6.5	7.4	15	5.3	6.1	8.6	<5.0	5.8
6	106	8.6	38	9.2	6.5	7.2	11	<5.0	5.8	214	5.8	82
7	48	17	30	7.8	6.5	7.1	8.3	5.1	6.0	64	19	31
8	19	12	14	8.7	6.5	7.0	8.6	5.4	6.2	21	12	15
9	14	9.1	11	18	6.5	8.8	11	5.5	6.4	14	6.7	8.2
10	---	---	---	14	6.9	8.7	41	7.0	16	8.9	5.2	6.4
11	---	---	---	10	7.0	7.5	31	14	18	9.2	<5.0	5.8
12	---	---	---	12	6.8	7.9	15	10	12	8.7	5.0	6.3
13	8.6	6.1	7.6	13	7.2	9.1	20	9.4	16	9.1	<5.0	6.4
14	29	7.8	20	19	6.8	12	20	9.5	12	9.6	<5.0	5.8
15	20	11	15	---	---	---	16	8.8	12	9.2	<5.0	5.4
16	12	9.7	11	---	---	---	14	6.5	8.5	10	<5.0	5.0
17	12	8.7	9.5	---	---	---	780	6.3	9.8	8.3	<5.0	<5.0
18	10	8.1	9.5	---	---	---	401	62	103	11	<5.0	5.1
19	9.8	7.1	8.4	---	---	---	63	31	44	1030	<5.0	21
20	9.1	7.1	7.8	---	---	---	33	16	20	354	89	143
21	9.7	6.9	7.8	---	---	---	21	11	13	180	65	88
22	10	7.0	8.1	---	---	---	18	8.5	11	249	29	40
23	12	7.6	8.4	207	16	37	76	8.8	16	779	86	173
24	19	7.4	8.4	---	---	---	85	30	50	472	44	69
25	18	15	16	---	---	---	32	14	20	641	76	142
26	28	13	14	12	8.6	10	18	8.3	11	76	34	48
27	16	12	13	26	7.5	8.6	12	6.7	8.4	37	22	29
28	16	12	13	12	8.7	9.7	12	5.7	7.1	26	17	21
29	14	9.3	10	41	9.5	18	13	5.1	6.0	22	13	16
30	---	---	---	28	11	19	13	5.6	6.7	17	12	14
31	---	---	---	---	---	---	14	5.3	6.4	16	11	12
MAX	106	17	38	207	16	37	780	62	103	1030	89	173
MIN	8.6	6.1	7.6	7.8	5.7	7.0	8.3	<5.0	5.8	8.3	<5.0	<5.0

< Actual value is known to be less than the value shown

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 12:03 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16	10	13	10	6.4	7.8	302	44	76	>2200	294	794
2	14	8.8	11	706	6.8	174	49	24	32	>2200	791	1390
3	12	7.6	9.3	132	45	82	29	18	24	>2200	100	452
4	11	7.0	8.0	51	26	33	27	15	18	1150	94	241
5	11	7.2	8.2	30	20	24	19	12	15	153	55	99
6	442	6.6	48	21	14	17	19	11	13	64	26	39
7	200	44	70	18	13	15	16	9.6	12	33	19	27
8	50	24	35	19	11	13	32	9.0	11	22	17	19
9	28	14	18	---	---	---	23	10	15	22	15	18
10	19	12	14	---	---	---	20	10	13	218	14	18
11	16	9.8	12	14	8.0	10	16	9.6	12	94	22	37
12	18	8.8	12	109	8.6	47	194	10	16	23	13	17
13	15	10	11	526	34	75	92	17	30	24	12	14
14	19	10	11	37	17	22	21	12	16	25	14	18
15	14	9.1	11	19	12	15	19	11	14	21	11	13
16	14	9.1	11	16	10	13	22	9.8	13	14	9.6	11
17	13	8.6	10	16	9.5	12	20	9.3	12	12	9.4	10
18	13	8.3	10	16	9.6	11	12	8.3	9.4	80	10	30
19	14	7.6	9.1	16	10	12	14	8.3	9.9	25	12	16
20	20	7.5	11	19	11	14	16	8.7	11	14	9.6	11
21	24	9.5	11	58	15	28	31	11	18	14	9.0	10
22	24	8.3	9.9	---	---	---	---	---	---	15	9.2	11
23	15	8.3	9.7	---	---	---	---	---	---	15	7.8	11
24	14	7.5	8.8	---	---	---	---	---	---	---	---	---
25	14	7.8	9.4	15	8.4	9.5	---	---	---	---	---	---
26	15	7.6	9.4	---	---	---	78	29	53	---	---	---
27	18	7.9	9.1	---	---	---	83	22	35	14	11	12
28	15	6.7	8.3	19	8.2	12	84	20	37	16	10	12
29	---	---	---	11	6.5	7.6	387	46	120	16	10	12
30	---	---	---	1200	7.7	164	694	291	497	20	11	13
31	---	---	---	637	105	186	---	---	---	18	11	13
MAX	442	44	70	1200	105	186	694	291	497	>2200	791	1390
MIN	11	6.6	8.0	10	6.4	7.6	12	8.3	9.4	12	7.8	10

> Actual value is known to be greater than the value shown

STATION NUMBER 02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340037 LONGITUDE 0835339 NAD27 DRAINAGE AREA 5.40 CONTRIBUTING DRAINAGE AREA 5.40 DATUM 935.00 NGVD29
Date Processed: 2003-03-14 12:03 By ceoberst
APPROVED
DD #6, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17	11	13	12	7.7	8.9	14	7.5	8.9	---	---	---
2	15	10	11	11	7.0	8.2	11	7.1	8.3	44	30	34
3	16	9.5	12	10	8.0	8.8	9.8	5.6	7.6	41	27	30
4	16	9.2	11	14	8.1	10	9.1	6.1	6.8	32	10	15
5	35	13	19	14	8.2	9.5	8.4	5.8	7.0	12	9.3	11
6	>2200	16	27	18	7.9	13	8.8	6.0	6.9	12	8.0	9.9
7	642	69	127	15	9.8	12	9.9	6.0	8.0	12	7.7	9.5
8	71	30	44	28	9.4	12	9.0	6.3	7.2	13	7.9	9.5
9	32	18	21	21	8.6	11	9.0	6.1	7.1	12	8.3	9.7
10	20	14	16	11	8.2	9.1	7.9	5.9	6.4	12	8.3	9.4
11	17	13	15	10	7.7	8.6	8.3	5.2	6.4	13	8.9	10
12	20	13	16	10	7.7	8.8	8.0	5.5	6.7	12	8.7	9.6
13	20	12	14	11	7.4	9.4	8.0	5.6	6.2	72	8.6	10
14	---	---	---	13	8.6	11	7.0	5.1	6.0	527	38	201
15	---	---	---	10	7.3	9.1	7.6	5.3	5.9	368	58	136
16	---	---	---	11	6.9	8.2	10	5.3	6.7	60	18	29
17	---	---	---	10	6.2	8.0	8.8	5.7	6.8	21	13	16
18	17	8.5	10	12	6.4	8.0	10	5.4	7.2	70	14	54
19	16	8.9	10	53	7.5	9.9	11	6.6	8.4	52	19	26
20	13	8.8	10	19	8.6	11	9.8	7.1	8.4	20	12	15
21	13	9.0	11	9.0	5.6	6.9	11	7.4	9.3	1200	14	41
22	13	8.3	10	8.9	5.9	7.2	35	9.9	12	720	75	172
23	93	8.8	37	12	6.5	7.8	35	29	31	75	28	48
24	42	15	23	11	6.6	7.8	32	27	30	34	19	24
25	17	9.2	11	9.6	7.3	8.3	73	23	27	277	17	79
26	14	8.0	9.9	60	7.2	9.0	378	20	28	1160	45	147
27	22	9.1	11	32	8.9	14	220	81	98	732	60	163
28	14	8.9	11	13	6.6	8.9	772	106	189	61	19	29
29	14	8.3	11	10	6.6	7.3	164	112	122	22	13	18
30	16	9.1	12	8.5	6.2	7.5	---	---	---	16	11	13
31	---	---	---	17	6.2	9.0	---	---	---	---	---	---
MAX	>2200	69	127	60	9.8	14	772	112	189	1200	75	201
MIN	13	8.0	9.9	8.5	5.6	6.9	7.0	5.1	5.9	12	7.7	9.4

YEAR MAX MAXIMUM >2200 MINIMUM 7.0
MIN MAXIMUM 791 MINIMUM <5.0
MEDIAN MAXIMUM 1390 MINIMUM <5.0

> Actual value is known to be greater than the value shown

ALTAMAHA RIVER BASIN
2001 and 2002 Water Years

02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA

LOCATION.—Lat 34°00'37", long 83°53'39" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070101, 3.0 miles north of Dacula, and 2.5 miles west of Auburn.

DRAINAGE AREA.—5.40 mi^2.

COOPERATION.—Gwinnett County Department of Public Works.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—July 13, 2001 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL											
25-25	0655	.66	7.5	--	7.1	85	6.0	32	22.9	54	1910
AUG											
13-13	1630	.48	1.4	480	7.7	90	6.8	49	23.5	96	365
30...	1123	.43	.72	9.2	7.8	90	7.0	61	22.2	88	22
SEP											
04-04	0040	.51	1.9	280	8.7	--	6.7	49	21.9	90	365
20...	1155	.44	.83	10	8.1	88	6.9	60	19.4	98	26

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
JUL													
25-25	0655	.66	7.5	860	5.8	34	550	76	28	2.2	.410	2.6	<.02
AUG													
13-13	1630	.48	1.4	430	6.9	53	360	--	31	1.1	.550	1.7	<.02
SEP													
04-04	0040	.51	1.9	260	6.8	56	240	--	48	1.4	.440	1.8	<.020
20...	1155	.44	.83	9.0	7.3	61	5	--	47	<.20	.390	--	<.02

02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA—continued.

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL					
25-25	.47	2.6	11000	54	1910
AUG					
13-13	.14	2.4	--	96	365
SEP					
04-04	.140	4.4	--	90	365
20...	<.02	1.8	400	98	26

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT												
23...	0953	.60	2.4	--	8.1	83	6.5	65	20.0	14.9	--	14
DEC												
05...	1400	.50	2.6	--	10.6	98	7.0	62	--	10.8	94	27
DEC												
17-17	2000	1.39	83	--	9.2	92	6.8	46	--	13.2	56	1080
FEB												
06-06	2030	1.39	87	290	12.6	99	6.3	38	--	5.3	--	--
12...	1400	.60	5.9	16	11.4	98	6.8	57	--	8.8	--	--
MAR												
30-30	1643	.98	56	340	8.9	90	6.7	47	19.5	16.2	--	--
APR												
17...	1400	.55	4.6	9.8	9.1	101	6.7	62	--	20.3	--	--
JUN												
11...	1007	.48	2.4	16	8.5	95	6.6	62	26.0	19.1	86	35
AUG												
13...	1132	.28	.29	5.4	7.5	87	6.9	68	--	22.2	75	21
AUG												
26-26	1727	.55	4.2	290	7.1	86	6.3	56	--	23.3	96	122
SEP												
13-13	2340	.47	.29	56	7.3	84	6.8	63	--	21.0	91	45
SEP												
26-26	2135	.79	20	140	8.5	94	6.8	61	--	18.6	100	75

02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
23...	0953	.60	2.4	7.0	E7.5c	68	7	--	53	--	<.20c	--	.220
DEC													
05...	1400	.50	2.6	14	7.6	63	E15c	E3c	48	E.091c	<.20c	.22	.220
DEC													
17-17	2000	1.39	83	680	7.0	51	711	104	40	.124	3.0	.33	.350
FEB													
06-06	2020	1.39	87	280	6.7	40	320	40	28	.063	1.1	.33	.340
12...	1410	.60	5.9	10	7.1	58	4	1	47	.110	.30	.41	.420
MAR													
30-30	1630	.98	46	280	6.5	51	297	49	40	.138	1.7	.54	.560
APR													
17...	1345	.55	4.6	9.1	7.4	60	3	1	35	.042	<.20	.29	.300
JUN													
11...	1000	.48	2.4	16	7.2	64	28	3	47	.044	.20	.37	.370
AUG													
13...	1050	--	--	18	7.2	68	15	4	45	.059	.40	.17	.180
AUG													
26-26	1710	.55	4.2	77	7.0	57	59	9	44	.103	.60	.38	.400
SEP													
13-13	2330	.47	.29	50	7.0	63	38	8	49	.067	.40	.22	.220
SEP													
25-25	2125	.81	20	100	7.1	59	63	10	45	.063	.50	.41	.410

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
23...	--	<.02c	<.02c	4.6	--	--	14
DEC							
05...	--	E.02c	E.03c	2.2	--	94	27
DEC							
17-17	3.4	<.02	.43	5.6	--	56	1080
FEB							
06-06	1.4	<.02	.18	4.9	5870	65	454
12...	.72	<.02	<.02	4.5	33k	82	37
MAR							
30-30	2.3	<.02	.14	4.7	2400	66	503
APR							
17...	--	<.02	<.02	2.6	105	88	19
JUN							
11...	.57	<.02	.02	2.1	150	84	42
AUG							
13...	.58	<.02	.02	1.5	55k	84	17
AUG							
26-26	1.0	<.02	.05	5.8	E6500	90	71
SEP							
13-13	.62	<.02	.05	3.6	2730	92	53
SEP							
25-25	.91	.02	.06	4.1	5830	99	93

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

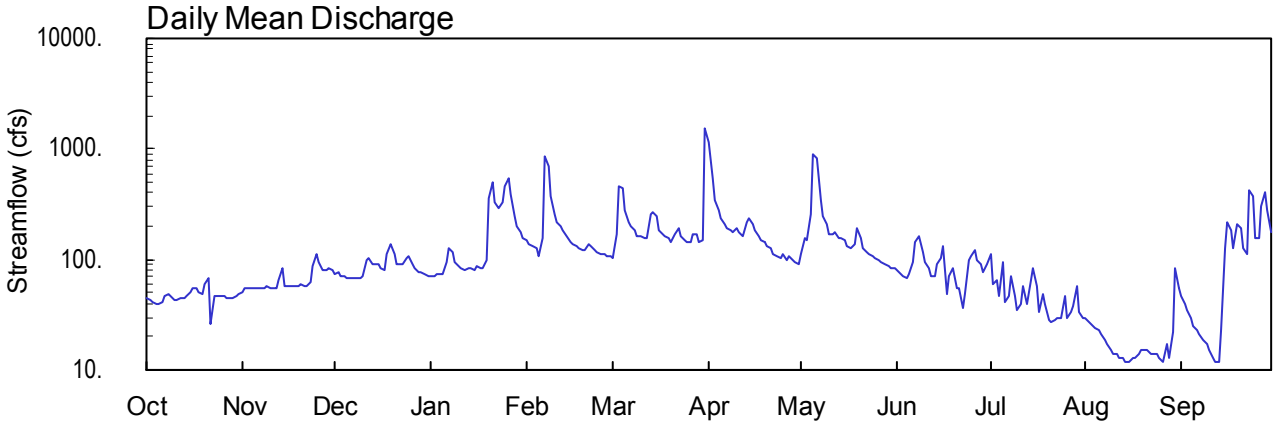
ALTAMAHA RIVER BASIN

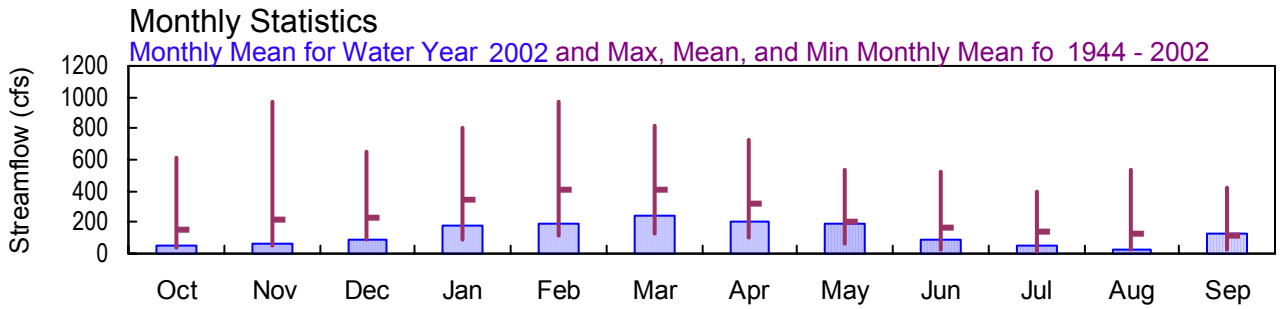
2002 Water Year

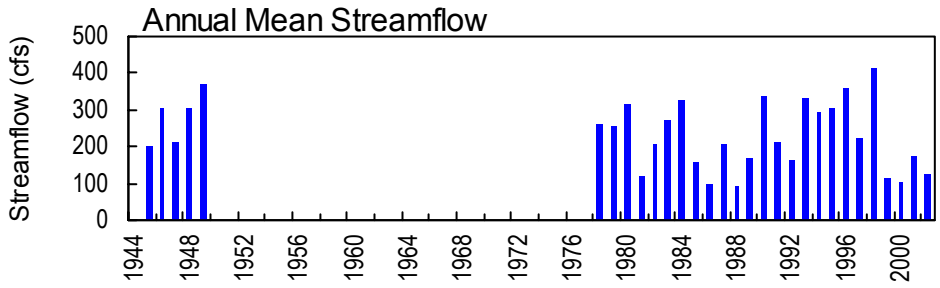
02219000 APALACHEE RIVER NEAR BOSTWICK, GA

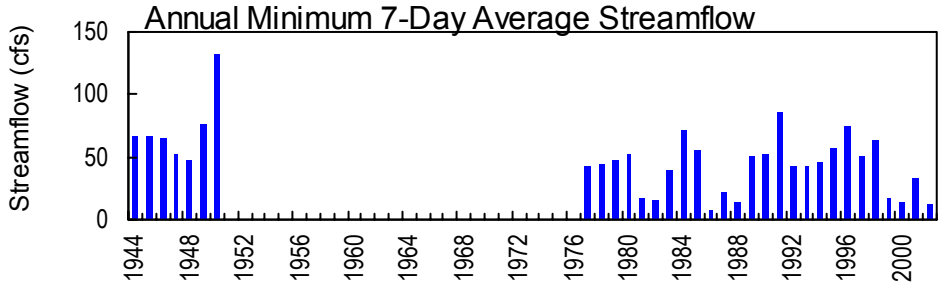
Latitude: 33°47'17" Longitude: 83°28'27" Hydrologic Unit Code: 03070101 Oconee County

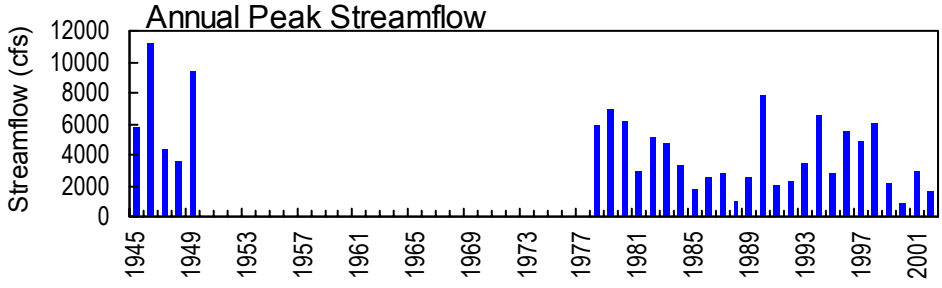
Drainage Area: 176. mi^2 Datum: 544.14 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02219000 APALACHEE RIVER NEAR BOSTWICK, GA

LOCATION.—Lat 33°47'17", long 83°28'27" referenced to North American Datum (NAD) of 1927, Morgan-Oconee County line, Hydrologic Unit 03070101, on left bank 1,000 feet upstream from bridge on Price Mill Road, 3.0 miles southwest of Bishop, 4.0 miles upstream from Jacks Creek, and 4.0 miles northeast of Bostwick.

DRAINAGE AREA.—176 mi^2.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 1944 to December 1949, April 1977 to current year.

REVISED RECORDS.—WDR GA-91-1: 1946(M), 1949(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 544.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good. Some regulation at low flow occurs due to the operation of the High Shoals power plant.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,200 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 31	0830	1,730*	3.88*

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1944 to December 1949, April 1977 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 544.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 3.88 feet, March 31; minimum gage-height recorded, 0.92 feet, September 13.

STATION NUMBER 02219000 APALACHEE RIVER NEAR BOSTWICK, GA SOURCE AGENCY USGS STATE 13 COUNTY 219
LATITUDE 334717 LONGITUDE 0832827 NAD27 DRAINAGE AREA 176.00* CONTRIBUTING DRAINAGE AREA 176.00 DATUM 544.14 NGVD29
Date Processed: 2003-03-11 09:30 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	51	75	70	148	102	1130	110	80	110	29	46
2	43	55	76	70	139	172	532	159	75	61	27	40
3	42	56	72	73	130	461	347	151	71	65	26	35
4	40	56	70	75	126	436	276	254	68	47	24	30
5	39	56	69	74	106	274	232	882	73	94	23	25
6	41	56	67	95	154	221	209	824	96	42	21	23
7	47	56	67	126	847	197	194	347	142	46	19	21
8	49	56	67	116	695	181	184	243	165	72	17	19
9	47	57	67	95	369	164	173	205	116	47	15	17
10	43	56	71	87	257	164	189	166	96	35	14	15
11	43	56	97	83	213	153	180	172	82	39	14	13
12	44	56	102	81	198	155	163	173	72	58	13	12
13	44	66	90	84	184	256	216	157	70	39	13	12
14	46	82	91	83	165	271	236	158	92	65	12	23
15	50	57	90	79	143	242	205	152	102	82	12	128
16	55	57	82	86	139	186	182	133	131	57	13	217
17	54	58	81	85	133	171	164	124	48	33	13	182
18	50	57	112	84	126	160	152	136	70	48	14	124
19	48	57	136	97	121	153	141	193	82	39	15	212
20	59	59	111	351	121	146	131	157	55	28	15	191
21	68	58	91	500	135	166	124	129	55	27	15	126
22	26	58	92	325	131	193	110	118	36	28	14	110
23	46	62	91	288	121	164	108	111	48	29	14	427
24	47	88	104	327	115	149	102	105	97	29	14	377
25	47	112	105	461	112	141	111	101	106	46	13	155
26	46	95	92	535	110	144	98	97	120	30	12	153
27	45	79	82	391	107	169	105	95	100	33	17	298
28	44	80	78	245	105	172	98	92	90	38	13	412
29	45	84	77	201	---	143	96	87	77	58	22	275
30	47	81	74	174	---	148	92	82	91	33	83	174
31	49	---	72	155	---	1550	---	82	---	30	56	---
TOTAL	1439	1957	2651	5596	5450	7404	6280	5995	2606	1488	622	3892
MEAN	46.4	65.2	85.5	181	195	239	209	193	86.9	48.0	20.1	130
MAX	68	112	136	535	847	1550	1130	882	165	110	83	427
MIN	26	51	67	70	105	102	92	82	36	27	12	12
CFSM	0.26	0.37	0.49	1.03	1.11	1.36	1.19	1.10	0.49	0.27	0.11	0.74
IN.	0.30	0.41	0.56	1.18	1.15	1.56	1.33	1.27	0.55	0.31	0.13	0.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2002, BY WATER YEAR (WY)

MEAN	154	217	233	341	410	403	316	210	163	141	133	119
MAX	613	969	647	799	969	816	734	536	525	390	531	420
(WY)	1996	1949	1984	1946	1998	1980	1979	1980	1994	1989	1994	1994
MIN	32.0	51.0	91.5	95.6	115	132	106	61.9	29.7	14.8	20.4	27.2
(WY)	1982	1982	1988	1981	1989	1988	1986	2000	1988	1986	1986	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1944 - 2002	
ANNUAL MEAN					238	
HIGHEST ANNUAL MEAN					411	1998
LOWEST ANNUAL MEAN					94.3	1988
HIGHEST DAILY MEAN	1840	Jul 26	1130	Apr 1	6700	Jan 7 1946
LOWEST DAILY MEAN	26	Jul 18	12	Aug 14	7.5	Aug 10 1986
ANNUAL SEVEN-DAY MINIMUM	40	Sep 29	13	Aug 11	7.9	Aug 5 1986
MAXIMUM PEAK FLOW			1730	Mar 31	11200	Jan 6 1946
MAXIMUM PEAK STAGE			3.88	Mar 31	8.90	Jan 6 1946
ANNUAL RUNOFF (CFSM)					1.35	
ANNUAL RUNOFF (INCHES)					18.36	
10 PERCENT EXCEEDS					419	
50 PERCENT EXCEEDS					152	
90 PERCENT EXCEEDS					58	

STATION NUMBER 02219000 APALACHEE RIVER NEAR BOSTWICK, GA SOURCE AGENCY USGS STATE 13 COUNTY 219
LATITUDE 334717 LONGITUDE 0832827 NAD27 DRAINAGE AREA 176.00 CONTRIBUTING DRAINAGE AREA 176.00* DATUM 544.14 NGVD29
Date Processed: 2003-03-11 09:27 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.44	1.50	1.66	1.63	2.01	1.81	3.40	1.85	1.60	1.80	1.25	1.44
2	1.43	1.52	1.67	1.63	1.97	2.08	2.79	2.04	1.57	1.48	1.23	1.38
3	1.41	1.53	1.64	1.65	1.94	2.70	2.51	2.02	1.55	1.50	1.21	1.33
4	1.40	1.53	1.63	1.66	1.92	2.66	2.36	2.23	1.53	1.40	1.19	1.27
5	1.39	1.53	1.62	1.66	1.83	2.36	2.26	3.17	1.56	1.68	1.16	1.20
6	1.41	1.53	1.61	1.77	1.97	2.23	2.20	3.11	1.69	1.36	1.13	1.17
7	1.46	1.53	1.61	1.92	3.15	2.16	2.16	2.46	1.89	1.40	1.09	1.13
8	1.48	1.53	1.61	1.88	3.00	2.12	2.13	2.22	1.97	1.54	1.06	1.09
9	1.47	1.54	1.61	1.78	2.55	2.06	2.09	2.11	1.79	1.39	1.02	1.06
10	1.43	1.53	1.63	1.73	2.32	2.06	2.14	1.98	1.69	1.29	1.00	1.01
11	1.42	1.53	1.79	1.71	2.21	2.02	2.11	2.00	1.62	1.34	0.99	0.98
12	1.43	1.53	1.81	1.70	2.17	2.03	2.06	2.00	1.57	1.46	0.97	0.95
13	1.44	1.59	1.75	1.72	2.12	2.32	2.22	1.95	1.55	1.33	0.97	0.94
14	1.45	1.71	1.76	1.71	2.06	2.35	2.27	1.95	1.68	1.56	0.95	1.15
15	1.49	1.54	1.75	1.69	1.98	2.29	2.19	1.93	1.73	1.64	0.96	1.84
16	1.53	1.54	1.71	1.73	1.97	2.13	2.12	1.86	1.85	1.46	0.96	2.21
17	1.52	1.54	1.71	1.72	1.95	2.09	2.06	1.82	1.37	1.29	0.97	2.10
18	1.49	1.54	1.86	1.72	1.92	2.05	2.02	1.87	1.56	1.40	0.99	1.90
19	1.47	1.54	1.96	1.76	1.90	2.02	1.98	2.07	1.60	1.33	1.01	2.19
20	1.55	1.55	1.85	2.51	1.90	2.00	1.94	1.95	1.41	1.22	1.01	2.13
21	1.62	1.55	1.75	2.76	1.96	2.07	1.91	1.84	1.41	1.22	1.02	1.91
22	1.23	1.55	1.76	2.46	1.94	2.15	1.85	1.80	1.27	1.23	1.00	1.84
23	1.46	1.57	1.76	2.39	1.90	2.06	1.84	1.77	1.39	1.24	0.99	2.57
24	1.47	1.73	1.82	2.47	1.87	2.01	1.81	1.73	1.68	1.24	0.98	2.52
25	1.47	1.86	1.83	2.69	1.86	1.98	1.85	1.71	1.73	1.37	0.97	2.01
26	1.46	1.77	1.76	2.81	1.85	1.99	1.79	1.70	1.80	1.25	0.95	2.01
27	1.44	1.69	1.71	2.58	1.84	2.08	1.82	1.69	1.70	1.30	1.05	2.40
28	1.44	1.69	1.68	2.30	1.83	2.09	1.79	1.67	1.62	1.35	0.97	2.62
29	1.44	1.71	1.67	2.18	---	1.99	1.78	1.62	1.60	1.49	1.10	2.35
30	1.46	1.70	1.66	2.09	---	2.00	1.76	1.62	1.70	1.29	1.70	2.08
31	1.48	---	1.64	2.03	---	3.75	---	1.62	---	1.27	1.52	---
MEAN	1.45	1.59	1.72	2.00	2.07	2.18	2.11	1.98	1.62	1.39	1.08	1.69
MAX	1.62	1.86	1.96	2.81	3.15	3.75	3.40	3.17	1.97	1.80	1.70	2.62
MIN	1.23	1.50	1.61	1.63	1.83	1.81	1.76	1.62	1.27	1.22	0.95	0.94

02220450 LAKE OCONEE NEAR EATONTON, GA

LOCATION.—Lat 33°21'00", long 83°09'28" referenced to North American Datum (NAD) of 1927, Putnam County, Hydrologic Unit 03070101, on Oconee River, 1.5 miles upstream from bridge on GA 16, and 13.3 miles east of Eatonton.

REMARKS.—Water levels and lake contents are collected by Georgia Power Corporation. Please see the following Internet location for more information:

http://lakes.southernco.com/

or call: 1-888-GPC-LAKE (1-888-472-5253)

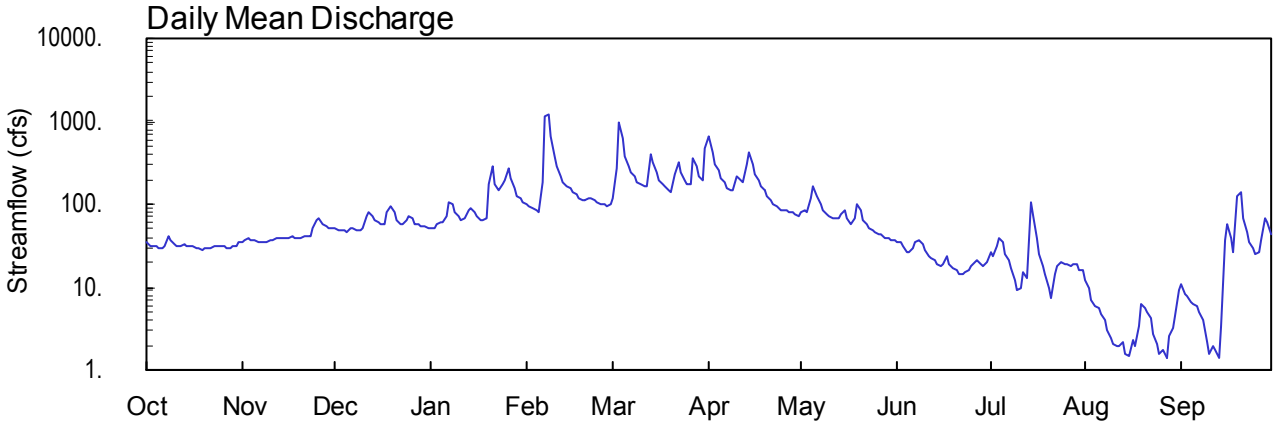
ALTAMAHA RIVER BASIN

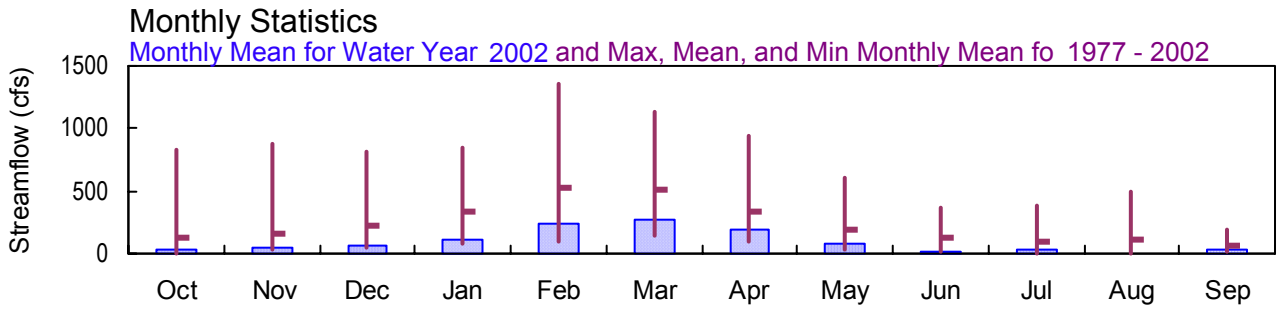
2002 Water Year

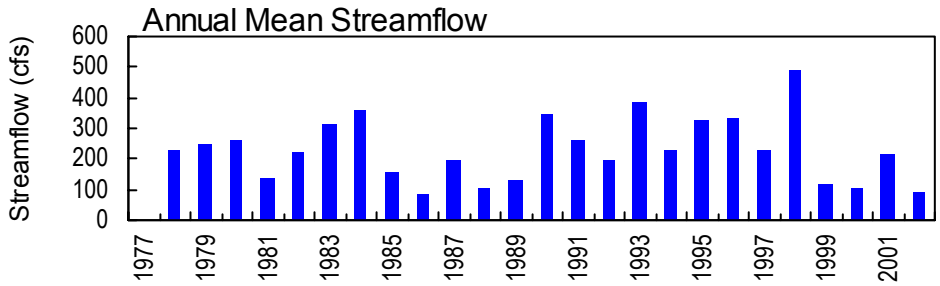
02220900 LITTLE RIVER NEAR EATONTON, GA

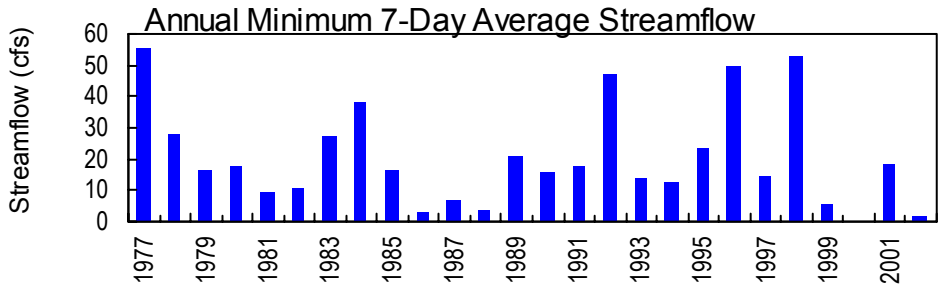
Latitude: 33°18'50" Longitude: 83°26'14" Hydrologic Unit Code: 03070101 Putnam County

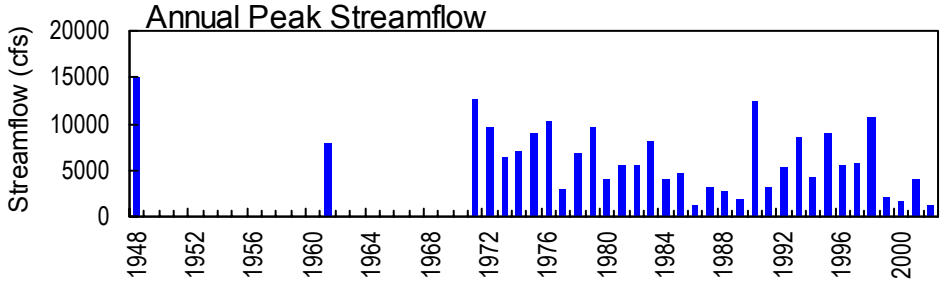
Drainage Area: 262. mi^2 Datum: 356.03 feet











02220900 - Little River near Eatonton, GA

ALTAMAHA RIVER BASIN
2002 Water Year

02220900 LITTLE RIVER NEAR EATONTON, GA

LOCATION.—Lat 33°18'50", long 83°26'14" referenced to North American Datum (NAD) of 1927, Putnam County, Hydrologic Unit 03070101, on right bank, 80.0 feet upstream from bridge on GA 16, 0.9 miles downstream from Glady Creek, and 3.0 miles west of Eatonton.

DRAINAGE AREA.—262 mi^2.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—Water years 1971-77 (annual maximum), August 1977 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 356.03 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment). From February 19, 1970 to August 1, 1977, a crest-stage gage was located on the downstream side of bridge 80.0 feet downstream. From August 2, 1977 to August 25, 1987, a water-stage recorder was located 80.0 feet downstream on downstream side of bridge and datum 4.00 feet higher. From August 26, 1987 to December 10, 1995, a gage was located at downstream side of bridge 80.0 feet downstream and at same datum. From December 11, 1995 to August 8, 1997, a water-stage recorder was located at a site 20.0 feet upstream at same datum.

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 7	0145	1,290*	9.69*

02220900 LITTLE RIVER NEAR EATONTON, GA --continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—Water years 1971-77 (annual maximum), August 1977 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 356.03 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment). From February 19, 1970 to August 1, 1977, a crest-stage gage was located on the downstream side of bridge 80.0 feet downstream. From August 2, 1977 to August 25, 1987, a water-stage recorder was located 80.0 feet downstream on downstream side of bridge and datum 4.00 feet higher. From August 26, 1987 to December 10, 1995, a gage was located at downstream side of bridge 80.0 feet downstream and at same datum. From December 11, 1995 to August 8, 1997, a water-stage recorder was located at a site 20.0 feet upstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.71 feet, February 7; minimum gage-height recorded, 2.82 feet, August 27, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—November 21, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02220900 LITTLE RIVER NEAR EATONTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 237
LATITUDE 331850 LONGITUDE 0832614 NAD27 DRAINAGE AREA 262.00* CONTRIBUTING DRAINAGE AREA 262.00 DATUM 356.03 NGVD29
Date Processed: 2003-03-11 09:32 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	35	50	51	100	e120	650	78	34	26	12	11
2	32	36	49	50	94	e275	420	85	34	24	10	8.4
3	31	38	48	56	89	e1000	310	81	31	32	6.9	7.6
4	31	37	48	62	85	e610	257	121	27	40	5.9	6.7
5	29	36	47	61	80	382	211	161	26	34	5.5	6.4
6	29	35	50	70	189	294	183	125	29	25	4.6	5.8
7	31	35	51	105	1160	247	160	98	34	21	3.9	5.1
8	42	34	48	98	1200	214	148	85	36	17	3.0	4.1
9	37	34	48	78	659	184	146	76	33	12	2.4	2.2
10	33	36	51	70	371	174	214	71	28	9.4	2.1	1.6
11	32	37	70	65	285	169	207	69	24	9.9	1.9	1.9
12	32	39	81	66	221	165	182	67	22	15	1.9	1.7
13	33	39	71	86	187	395	300	67	21	13	2.2	1.4
14	32	38	65	91	166	321	421	77	19	104	1.6	3.3
15	32	38	61	80	152	237	311	85	18	77	1.5	36
16	32	39	58	71	e140	197	232	67	19	39	2.3	56
17	29	41	57	65	e130	176	192	58	23	25	2.0	40
18	29	40	80	63	120	165	165	66	19	18	3.4	27
19	28	40	94	66	114	151	144	102	17	14	6.3	127
20	29	40	78	179	112	141	126	84	16	9.6	5.7	141
21	29	41	65	281	120	226	112	65	14	7.5	5.1	69
22	30	41	58	178	118	328	102	57	14	14	4.2	45
23	31	42	57	147	109	244	93	52	15	18	2.7	35
24	31	50	64	173	105	197	86	49	16	20	2.1	30
25	31	63	72	193	98	173	84	47	18	19	1.6	25
26	32	66	67	279	99	170	83	44	20	19	1.7	26
27	30	59	59	204	97	365	80	43	21	18	1.4	36
28	29	54	56	154	102	289	78	40	19	19	2.6	69
29	e31	51	55	128	---	215	76	39	18	19	3.2	60
30	e32	50	54	115	---	193	73	37	20	16	4.5	44
31	e34	---	52	107	---	460	---	37	---	16	9.3	---
TOTAL	977	1264	1864	3492	6502	8477	5846	2233	685	750.4	123.5	933.2
MEAN	31.5	42.1	60.1	113	232	273	195	72.0	22.8	24.2	3.98	31.1
MAX	42	66	94	281	1200	1000	650	161	36	104	12	141
MIN	28	34	47	50	80	120	73	37	14	7.5	1.4	1.4
CFSM	0.12	0.16	0.23	0.43	0.89	1.04	0.74	0.27	0.09	0.09	0.02	0.12
IN.	0.14	0.18	0.26	0.50	0.92	1.20	0.83	0.32	0.10	0.11	0.02	0.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2002, BY WATER YEAR (WY)

MEAN	120	159	221	337	528	504	330	188	124	94.3	115	66.8
MAX	833	885	814	838	1363	1137	941	604	368	388	496	192
(WY)	1990	1993	1998	1978	1995	1998	1983	1991	2001	1994	1994	1992
MIN	6.01	39.2	54.7	77.6	101	142	94.5	34.6	10.9	1.41	3.98	13.9
(WY)	1988	1988	1989	1981	1989	1988	1986	2000	2000	2000	2002	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1977 - 2002	
ANNUAL TOTAL	76938		33159.1			
ANNUAL MEAN	211		90.8		230	
HIGHEST ANNUAL MEAN					488	1998
LOWEST ANNUAL MEAN					81.9	1986
HIGHEST DAILY MEAN	3260	Mar 16	1210	Feb 8	11400	Oct 2 1989
LOWEST DAILY MEAN	28	Oct 19	1.4	Aug 27	0.17	Jul 21 2000
ANNUAL SEVEN-DAY MINIMUM	29	Oct 17	1.9	Aug 11	0.30	Jul 18 2000
MAXIMUM PEAK FLOW			1290	Feb 7	12600	Mar 3 1971
MAXIMUM PEAK STAGE			9.71	Feb 7	28.78	Mar 18 1990
ANNUAL RUNOFF (CFSM)	0.80		0.35		0.88	
ANNUAL RUNOFF (INCHES)	10.92		4.71		11.95	
10 PERCENT EXCEEDS	394		205		453	
50 PERCENT EXCEEDS	88		50		113	
90 PERCENT EXCEEDS	34		6.4		27	

e Estimated

STATION NUMBER 02220900 LITTLE RIVER NEAR EATONTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 237
LATITUDE 331850 LONGITUDE 0832614 NAD27 DRAINAGE AREA 262.00 CONTRIBUTING DRAINAGE AREA 262.00* DATUM 356.03 NGVD29
Date Processed: 2003-03-11 09:31 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.51	---	3.70	3.72	4.22	---	7.34	3.98	3.48	3.37	3.21	3.18
2	3.47	3.53	3.70	3.71	4.16	---	6.21	4.05	3.48	3.34	3.16	3.13
3	3.46	3.56	3.68	3.77	4.11	---	5.59	4.01	3.45	3.45	3.09	3.11
4	3.47	3.55	3.68	3.84	4.07	---	5.28	4.36	3.39	3.56	3.06	3.08
5	3.44	3.53	3.67	3.83	4.02	6.00	5.00	4.66	3.37	3.48	3.05	3.07
6	3.44	3.52	3.70	3.92	4.66	5.50	4.81	4.39	3.42	3.36	3.02	3.05
7	3.47	3.52	3.72	4.26	9.25	5.22	4.65	4.17	3.48	3.29	2.99	3.03
8	3.61	3.51	3.68	4.19	9.39	5.02	4.57	4.05	3.51	3.23	2.95	3.00
9	3.55	3.50	3.68	4.00	7.31	4.82	4.55	3.96	3.47	3.15	2.91	2.90
10	3.49	3.53	3.72	3.92	5.94	4.75	5.01	3.91	3.41	3.09	2.90	2.86
11	3.48	3.55	3.92	3.87	5.44	4.72	4.97	3.89	3.34	3.10	2.89	2.88
12	3.48	3.57	4.03	3.88	5.06	4.69	4.80	3.87	3.31	3.19	2.88	2.87
13	3.49	3.57	3.93	4.08	4.84	6.07	5.53	3.87	3.29	3.16	2.90	2.85
14	3.48	3.57	3.87	4.13	4.70	5.65	6.21	3.97	3.25	4.17	2.86	2.95
15	3.48	3.56	3.83	4.02	---	5.16	5.59	4.05	3.25	3.98	2.85	3.53
16	3.48	3.57	3.79	3.93	---	4.90	5.13	3.87	3.27	3.59	2.90	3.81
17	3.44	3.59	3.79	3.87	---	4.76	4.87	3.77	3.32	3.41	2.89	3.62
18	3.43	3.58	4.02	3.85	---	4.69	4.69	3.86	3.26	3.31	2.96	3.44
19	3.42	3.58	4.16	3.88	4.30	4.59	4.54	4.21	3.23	3.24	3.07	4.42
20	3.43	3.59	4.00	4.78	4.29	4.51	4.40	4.04	3.21	3.16	3.05	4.56
21	3.44	3.60	3.87	5.44	4.36	5.07	4.29	3.85	3.18	3.10	3.03	3.95
22	3.45	3.60	3.80	4.79	4.34	5.69	4.21	3.76	3.19	3.22	3.00	3.68
23	3.46	3.61	3.79	4.58	4.27	5.20	4.13	3.71	3.19	3.31	2.93	3.56
24	3.46	3.71	3.86	4.76	4.23	4.90	4.06	3.67	3.20	3.34	2.89	3.48
25	3.47	3.85	3.94	4.90	4.18	4.75	4.04	3.65	3.25	3.32	2.86	3.42
26	3.48	3.88	3.89	5.43	4.18	4.72	4.03	3.61	3.27	3.32	2.87	3.43
27	3.45	3.80	3.81	4.97	4.17	5.90	4.00	3.60	3.30	3.30	2.84	3.58
28	3.44	3.75	3.77	4.63	---	5.47	3.98	3.57	3.26	3.31	2.93	3.95
29	---	3.72	3.76	4.44	---	5.02	3.96	3.55	3.24	3.32	2.96	3.85
30	---	3.71	3.75	4.34	---	4.87	3.93	3.52	3.28	3.27	3.01	3.67
31	---	---	3.73	4.27	---	6.41	---	3.52	---	3.27	3.14	---

STATION NUMBER 02220900 LITTLE RIVER NEAR EATONTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 237
LATITUDE 331850 LONGITUDE 0832614 NAD27 DRAINAGE AREA 262.00 CONTRIBUTING DRAINAGE AREA 262.00* DATUM 356.03 NGVD29
Date Processed: 2003-03-11 09:31 By acday
APPROVED
DD #8, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.31	0.04	0.00
2	0.00	0.00	0.00	0.00	0.00	2.05	0.00	0.00	0.00	0.62	0.00	0.00
3	0.00	0.00	0.00	0.01	0.04	0.60	0.01	0.49	0.00	0.02	0.00	0.00
4	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
6	0.01	0.00	0.00	0.42	2.69	0.00	0.00	0.00	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.01	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.24	0.92	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.87	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.01	0.58	0.00	1.20	0.45	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.03	0.01	0.00	0.01	0.46	0.59	0.00	0.03	0.00	0.26
14	0.14	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	1.76
15	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.47
16	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.28	0.00
17	0.00	0.00	0.69	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	---	0.00	0.00	0.55	0.28	0.00	0.00	0.00
19	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.02	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.11	0.00	1.00	0.00	0.00	0.00	0.25	0.00	0.00
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
23	0.00	0.43	0.24	0.13	0.00	0.00	0.00	0.00	0.66	0.07	0.00	0.00
24	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.01	0.38	0.00	0.00
25	0.00	0.11	0.01	0.44	0.00	0.00	0.10	0.00	0.16	0.00	0.09	0.11
26	0.00	0.00	0.00	0.00	0.02	0.85	0.01	0.00	0.09	0.25	0.08	0.20
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.02	0.00
30	0.00	0.01	0.00	0.00	---	0.67	0.33	0.62	0.46	0.43	0.30	0.00
31	0.00	---	0.00	0.10	---	0.71	---	0.01	---	0.00	0.00	---
TOTAL	0.15	0.57	1.88	3.10	---	7.33	2.39	2.64	1.78	2.36	0.82	2.86

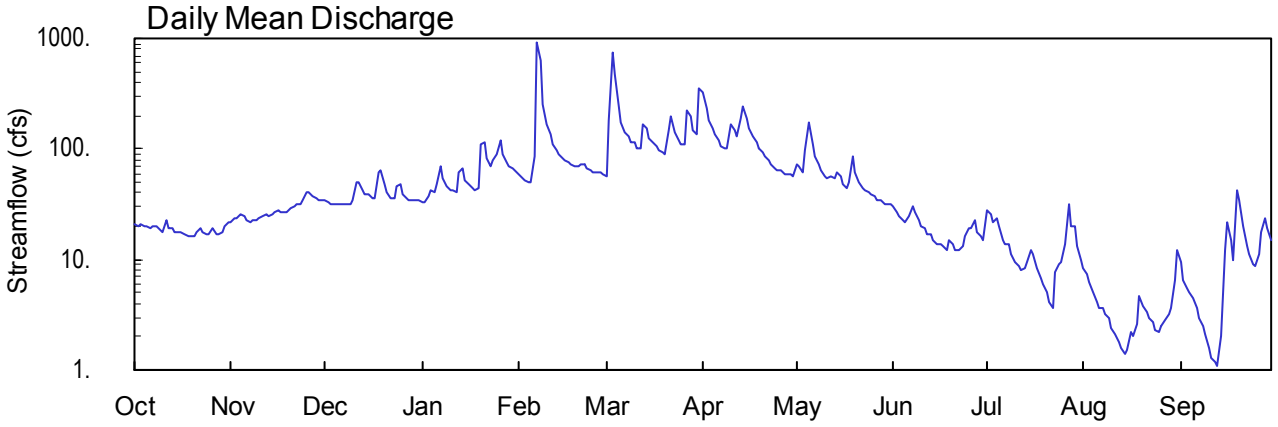
ALTAMAHA RIVER BASIN

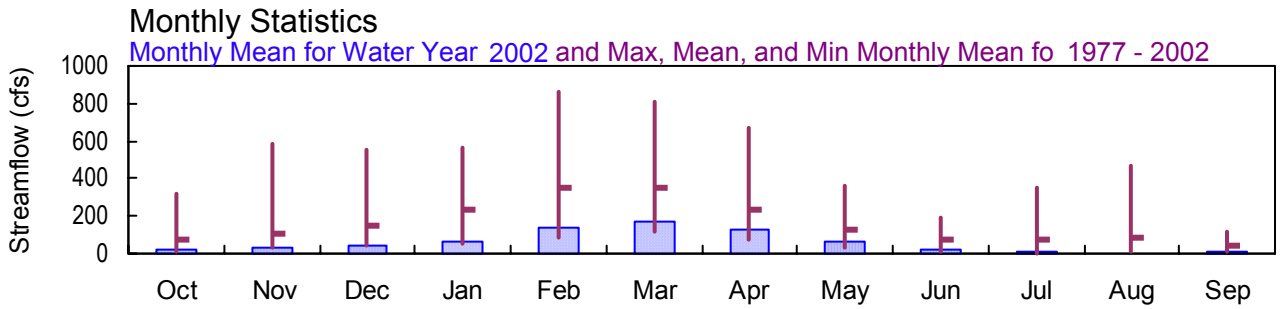
2002 Water Year

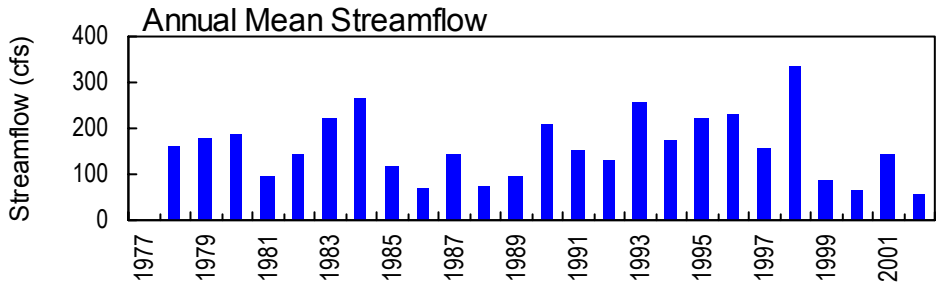
02221525 MURDER CREEK BELOW EATONTON, GA

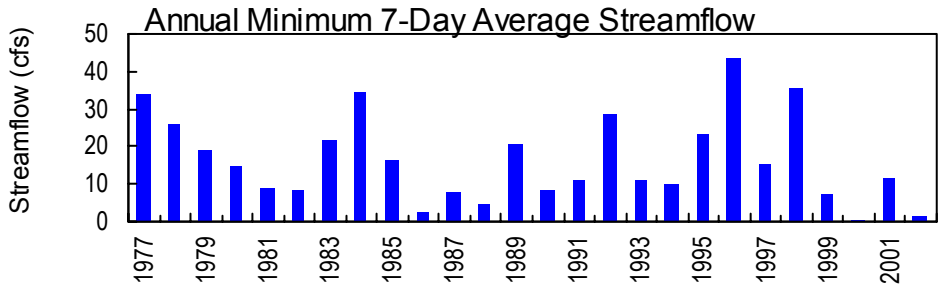
Latitude: 33°15'08" Longitude: 83°28'53" Hydrologic Unit Code: 03070101 Putnam County

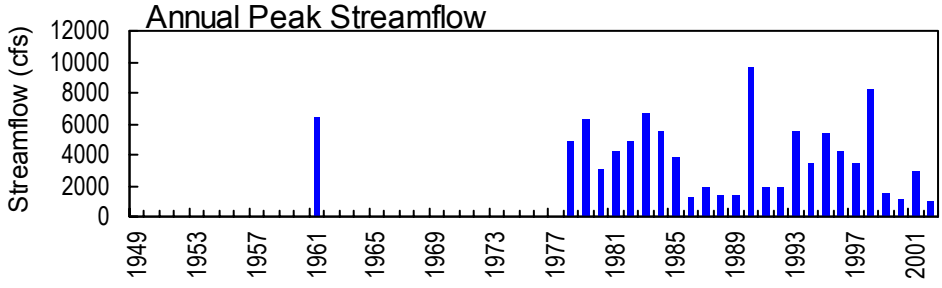
Drainage Area: 190. mi^2 Datum: 375.09 feet











02221525 - Murder Creek below Eatonton, GA

ALTAMAHA RIVER BASIN
2002 Water Year

02221525 MURDER CREEK BELOW EATONTON, GA

LOCATION.—Lat 33°15'08", long 83°28'53" referenced to North American Datum (NAD) of 1927, Putnam County, Hydrologic Unit 03070101, in left bank 300 feet upstream from bridge on County Road S-777, 3.0 miles downstream from Beaverdam Creek, 5.8 miles upstream from mouth, and 7.5 miles southwest of Eatonton.

DRAINAGE AREA.—190 mi^2.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1977 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 375.1 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good. Some diurnal fluctuation occurs at low flow.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 7	1045	1,050*	3.72*

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1977 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 375.1 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 3.72 feet, February 7; minimum gage-height recorded, 0.85 feet, August 14, 15.

02221525 MURDER CREEK BELOW EATONTON, GA--continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—November 21, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02221525 MURDER CREEK BELOW EATONTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 237
LATITUDE 331508 LONGITUDE 0832853 NAD27 DRAINAGE AREA 190.00* CONTRIBUTING DRAINAGE AREA 190.00 DATUM 375.09 NGVD29
Date Processed: 2003-03-11 09:40 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	22	34	33	59	56	330	73	30	28	8.2	9.3
2	20	24	33	33	56	185	229	71	27	26	7.3	6.6
3	21	24	32	37	53	746	180	62	25	22	6.2	5.6
4	20	26	31	42	51	468	156	99	23	24	5.0	5.0
5	20	25	31	41	50	238	133	172	22	20	4.1	4.4
6	19	23	31	48	86	172	119	111	25	15	3.6	3.6
7	20	22	31	69	912	143	107	86	30	14	3.6	2.9
8	20	23	31	55	636	130	101	73	27	14	3.2	2.5
9	19	23	32	46	251	116	102	65	23	11	3.0	2.1
10	18	24	35	43	168	113	168	57	20	9.6	2.4	1.6
11	23	25	51	42	134	101	149	55	19	8.8	2.1	1.3
12	19	26	51	41	112	102	130	56	17	8.1	1.8	1.2
13	19	25	42	61	99	169	187	54	17	8.3	1.6	1.1
14	18	26	39	67	91	155	241	61	15	9.6	1.4	2.0
15	18	27	39	52	84	125	193	57	14	12	1.5	12
16	18	28	36	47	80	113	152	48	14	11	2.2	22
17	17	27	36	44	76	105	132	45	13	8.4	2.0	15
18	16	27	62	42	72	98	115	49	12	6.9	2.6	10
19	16	27	65	45	70	95	103	85	15	5.9	4.7	43
20	16	29	47	111	69	90	93	61	14	5.0	3.8	35
21	18	30	41	115	74	150	86	50	12	4.2	3.3	20
22	19	31	36	81	72	197	79	45	12	3.6	2.9	13
23	18	31	36	70	67	141	72	43	13	7.7	2.7	11
24	17	35	46	78	65	120	67	41	16	9.2	2.3	9.2
25	17	40	47	90	62	109	65	39	19	9.3	2.2	8.6
26	19	40	39	120	62	110	63	37	19	14	2.5	11
27	17	38	36	89	61	226	59	35	23	31	2.8	18
28	17	36	35	75	58	194	59	34	18	20	3.2	24
29	18	35	35	69	---	147	59	32	16	20	3.7	19
30	20	34	35	68	---	133	57	31	15	13	6.4	15
31	22	---	34	65	---	356	---	31	---	9.9	12	---
TOTAL	580	853	1209	1919	3730	5403	3786	1858	565	409.5	114.3	335.0
MEAN	18.7	28.4	39.0	61.9	133	174	126	59.9	18.8	13.2	3.69	11.2
MAX	23	40	65	120	912	746	330	172	30	31	12	43
MIN	16	22	31	33	50	56	57	31	12	3.6	1.4	1.1
CFSM	0.10	0.15	0.21	0.33	0.70	0.92	0.66	0.32	0.10	0.07	0.02	0.06
IN.	0.11	0.17	0.24	0.38	0.73	1.06	0.74	0.36	0.11	0.08	0.02	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2002, BY WATER YEAR (WY)

MEAN	70.3	107	146	231	356	354	239	131	78.9	74.0	80.5	45.1
MAX	322	583	549	559	858	807	674	359	195	351	468	115
(WY)	1990	1993	1998	1978	1995	1998	1983	1978	2001	1994	1984	1992
MIN	11.6	26.9	39.0	56.2	81.5	119	70.5	32.4	10.3	2.04	8.53	11.3
(WY)	1988	1982	2002	1989	1989	1989	1986	2000	2000	2000	1988	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1977 - 2002	
ANNUAL TOTAL	50476					
ANNUAL MEAN	138				163	
HIGHEST ANNUAL MEAN					335	1998
LOWEST ANNUAL MEAN					64.8	2000
HIGHEST DAILY MEAN	2230	Mar 16	912	Feb 7	7150	Mar 9 1998
LOWEST DAILY MEAN	16	Oct 18	1.1	Sep 13	0.23	Jul 22 2000
ANNUAL SEVEN-DAY MINIMUM	17	Oct 14	1.8	Aug 11	0.60	Jul 17 2000
MAXIMUM PEAK FLOW			1050	Feb 7	9630	Mar 18 1990
MAXIMUM PEAK STAGE			3.72	Feb 7	13.13	Mar 18 1990
ANNUAL RUNOFF (CFSM)	0.73				0.86	
ANNUAL RUNOFF (INCHES)	9.88				11.62	
10 PERCENT EXCEEDS	256				302	
50 PERCENT EXCEEDS	64				83	
90 PERCENT EXCEEDS	22				24	

STATION NUMBER 02221525 MURDER CREEK BELOW EATONTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 237
LATITUDE 331508 LONGITUDE 0832853 NAD27 DRAINAGE AREA 190.00 CONTRIBUTING DRAINAGE AREA 190.00* DATUM 375.09 NGVD29
Date Processed: 2003-03-11 09:33 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.39	1.43	1.59	1.57	1.76	1.72	2.63	1.80	1.46	1.42	1.09	1.12
2	1.38	1.45	1.58	1.57	1.74	2.13	2.40	1.79	1.43	1.39	1.06	1.06
3	1.39	1.46	1.57	1.61	1.72	3.29	2.26	1.74	1.40	1.35	1.03	1.04
4	1.38	1.48	1.56	1.65	1.70	2.86	2.18	1.93	1.38	1.38	1.00	1.02
5	1.38	1.47	1.56	1.64	1.70	2.42	2.10	2.22	1.37	1.32	0.97	1.00
6	1.37	1.45	1.56	1.69	1.84	2.23	2.04	1.99	1.40	1.25	0.96	0.98
7	1.38	1.44	1.56	1.83	3.53	2.13	1.99	1.87	1.46	1.23	0.95	0.95
8	1.39	1.45	1.56	1.74	3.13	2.09	1.96	1.80	1.43	1.23	0.93	0.93
9	1.37	1.45	1.57	1.67	2.45	2.03	1.97	1.76	1.38	1.16	0.92	0.92
10	1.36	1.46	1.60	1.65	2.22	2.02	2.22	1.70	1.34	1.13	0.90	0.90
11	1.42	1.48	1.73	1.64	2.10	1.97	2.15	1.69	1.32	1.11	0.88	0.89
12	1.38	1.49	1.73	1.63	2.01	1.97	2.09	1.70	1.29	1.10	0.87	0.88
13	1.38	1.47	1.66	1.78	1.96	2.22	2.28	1.68	1.28	1.10	0.87	0.88
14	1.36	1.49	1.64	1.82	1.92	2.18	2.43	1.73	1.25	1.13	0.85	0.92
15	1.36	1.50	1.63	1.72	1.88	2.07	2.30	1.69	1.24	1.18	0.86	1.19
16	1.36	1.52	1.60	1.68	1.86	2.02	2.17	1.63	1.24	1.16	0.89	1.36
17	1.35	1.51	1.60	1.66	1.84	1.99	2.09	1.61	1.22	1.10	0.88	1.25
18	1.33	1.51	1.79	1.64	1.82	1.95	2.02	1.63	1.20	1.07	0.92	1.17
19	1.33	1.51	1.81	1.66	1.80	1.94	1.96	1.86	1.25	1.04	0.99	1.49
20	1.33	1.53	1.69	2.02	1.80	1.92	1.92	1.72	1.23	1.01	0.96	1.51
21	1.36	1.54	1.65	2.05	1.83	2.14	1.88	1.64	1.20	0.99	0.95	1.34
22	1.38	1.55	1.60	1.90	1.81	2.31	1.85	1.61	1.19	0.97	0.93	1.23
23	1.37	1.55	1.60	1.84	1.79	2.13	1.81	1.59	1.22	1.07	0.92	1.18
24	1.36	1.59	1.68	1.88	1.77	2.05	1.78	1.57	1.27	1.11	0.90	1.15
25	1.36	1.64	1.69	1.93	1.76	2.00	1.76	1.56	1.32	1.11	0.90	1.14
26	1.38	1.64	1.63	2.07	1.76	2.01	1.75	1.54	1.30	1.20	0.92	1.19
27	1.36	1.62	1.60	1.93	1.75	2.39	1.73	1.52	1.35	1.42	0.93	1.31
28	1.36	1.61	1.59	1.85	1.73	2.30	1.73	1.51	1.29	1.29	0.95	1.41
29	1.37	1.60	1.59	1.82	---	2.15	1.73	1.49	1.25	1.30	0.97	1.33
30	1.40	1.59	1.59	1.81	---	2.10	1.72	1.47	1.24	1.19	1.05	1.27
31	1.43	---	1.58	1.80	---	2.67	---	1.47	---	1.12	1.18	---
MEAN	1.37	1.52	1.63	1.77	1.96	2.17	2.03	1.69	1.31	1.18	0.95	1.13
MAX	1.43	1.64	1.81	2.07	3.53	3.29	2.63	2.22	1.46	1.42	1.18	1.51
MIN	1.33	1.43	1.56	1.57	1.70	1.72	1.72	1.47	1.19	0.97	0.85	0.88

STATION NUMBER 02221525 MURDER CREEK BELOW EATONTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 237
LATITUDE 331508 LONGITUDE 0832853 NAD27 DRAINAGE AREA 190.00 CONTRIBUTING DRAINAGE AREA 190.00* DATUM 375.09 NGVD29
Date Processed: 2003-03-11 09:33 By acday
APPROVED
DD #5, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.00
2	0.06	0.00	0.00	0.00	0.00	2.20	0.00	0.00	0.00	0.07	0.00	0.00
3	0.00	0.00	0.00	0.00	0.03	0.53	0.03	0.51	0.00	0.06	0.00	0.00
4	0.00	0.00	0.00	0.41	0.01	0.00	0.00	0.07	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.01	0.12	0.00	0.00	0.00
6	0.00	0.00	0.00	0.41	3.00	0.00	0.00	0.00	0.01	0.00	0.13	0.00
7	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.98	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.29	1.11	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	1.02	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.02	0.57	0.00	1.09	0.30	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.08	0.01	0.00	0.00	---	0.43	0.00	0.00	0.00	0.18
14	0.09	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	2.01
15	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.34	0.76
16	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.20	0.01
17	0.00	0.00	---	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.36	0.26	0.00	0.00	0.00
19	0.00	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.04	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.04
21	0.00	0.00	0.00	0.05	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00
23	0.00	0.38	0.23	0.16	0.00	0.00	0.00	0.00	0.17	0.22	0.00	0.00
24	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.65	0.01	0.00
25	0.00	0.11	0.00	0.52	0.00	0.00	0.03	0.00	0.19	0.00	0.30	0.34
26	0.00	0.00	0.00	0.00	0.01	---	0.01	0.00	0.00	1.46	0.12	0.43
27	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.06
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.02	0.00	0.00	0.00	0.00	0.04
30	0.00	0.02	0.00	0.00	---	---	0.69	0.14	0.38	0.04	1.51	0.00
31	0.00	---	0.00	0.05	---	0.73	---	0.01	---	0.01	0.00	---
TOTAL	0.15	0.56	---	3.27	---	---	---	1.57	1.32	3.51	2.62	3.87

02222500 LAKE SINCLAIR NEAR MILLEDGEVILLE, GA

LOCATION.—Lat 33°08'27", long 83°12'08" referenced to North American Datum (NAD) of 1927, Baldwin County, Hydrologic Unit 03070101, on Oconee River, 1.5 miles upstream from Georgia Railroad bridge, and 4.0 miles north of Milledgeville.

REMARKS.—Water levels and lake contents are collected by Georgia Power Corporation. Please see the following Internet location for more information:

http://lakes.southernco.com/

or call: 1-888-GPC-LAKE (1-888-472-5253)

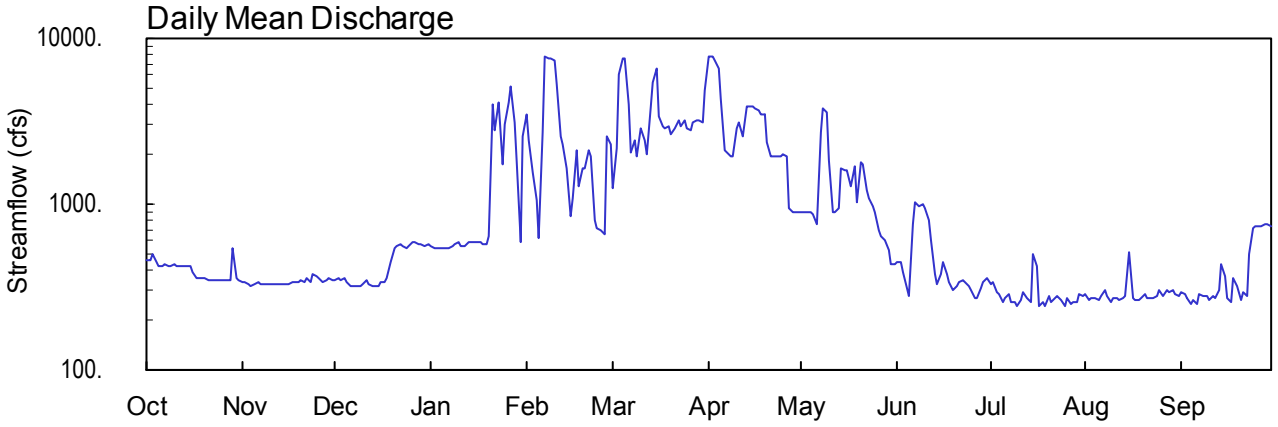
ALTAMAHA RIVER BASIN

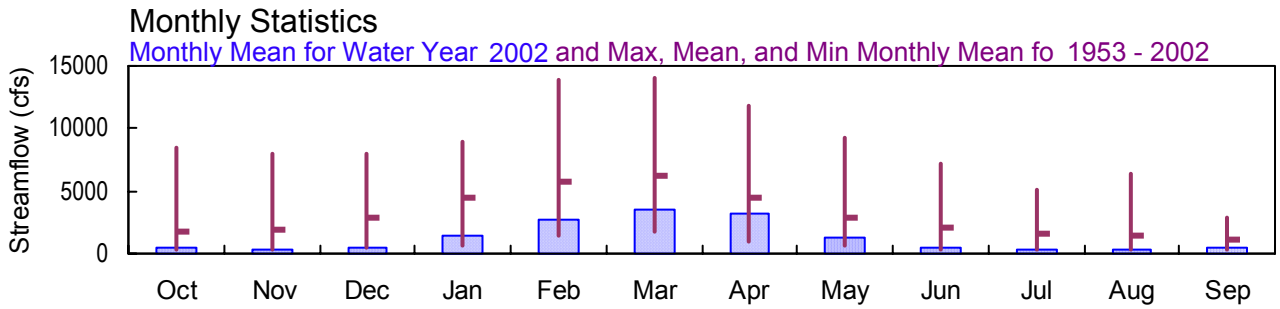
2002 Water Year

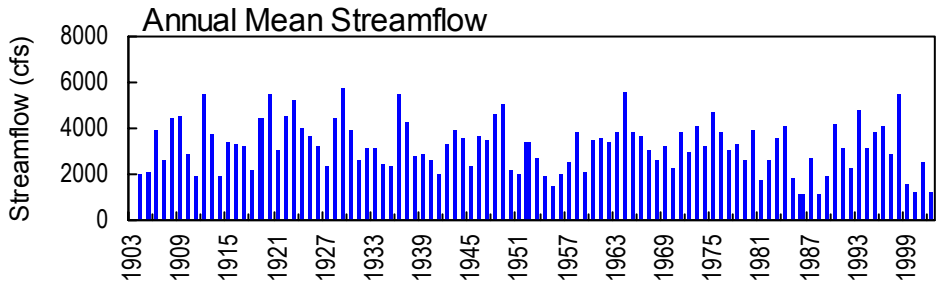
02223000 OCONEE RIVER AT MILLEDGEVILLE, GA

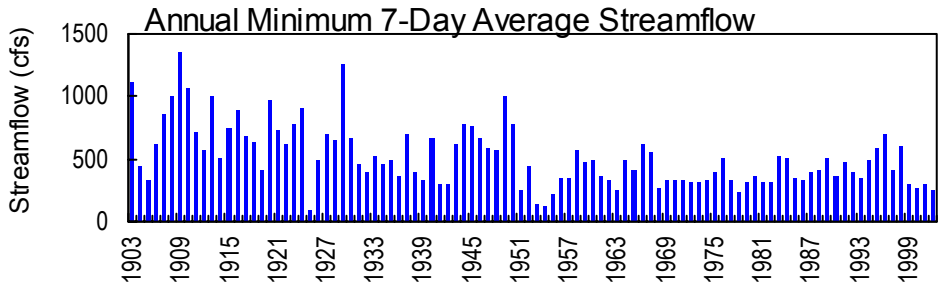
Latitude: 33°05'22" Longitude: 83°12'56" Hydrologic Unit Code: 03070102 Baldwin County

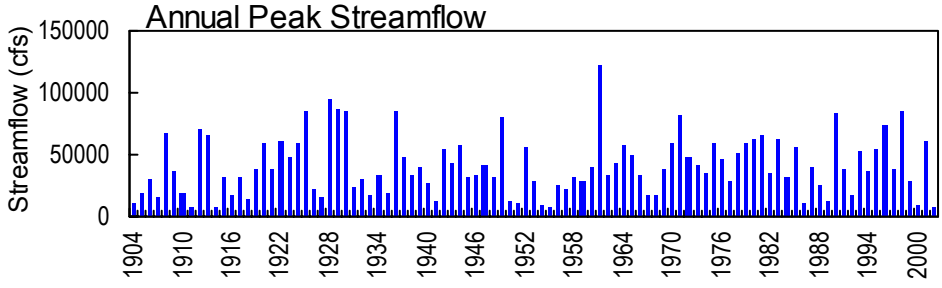
Drainage Area: 2,950. mi^2 Datum: 230.84 feet

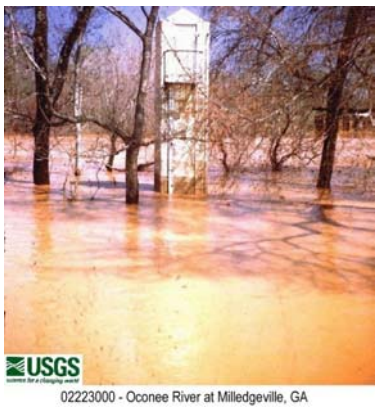












ALTAMAHA RIVER BASIN
2002 Water Year

02223000 OCONEE RIVER AT MILLEDGEVILLE, GA

LOCATION.—Lat 33°05'22", long 83°12'56" referenced to North American Datum (NAD) of 1927, Baldwin County, Hydrologic Unit 03070102, 0.5 miles upstream from bridge on GA 24, 3.8 miles downstream from Sinclair Dam, and at mile 139.1.

DRAINAGE AREA.—2,950 mi^2, approximately.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—September 1903 to current year.

REVISED RECORDS.—WSP 1142: 1928(M). WSP 1504: 1903-4, 1908, 1912-13, 1914(M), 1915-17. WSP 1554: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 230.84 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to May 23, 1906, from January 1 to October 5, 1909, and from January 1, 1932, to September 30, 1939, a non-recording gage was installed at a site 0.5 miles downstream, and from October 1, 1939, to March 8, 1966, a water-stage recorder was located at a site 0.3 miles downstream, all at present datum. From May 23, 1906, to December 31, 1908, and from October 6, 1909, to December 31, 1931, a non-recording gage was located at Fraleys Ferry, 6.8 miles upstream at different datum.

REMARKS.—Records good, except for the periods of estimated daily discharge, which are poor. Flow regulated by Lake Oconee since January 1979 and Sinclair Reservoir since November 1952. Slight diurnal fluctuation and some regulation occur at low flow by Barnett Shoals power plant since 1911, and prior to Sinclair Reservoir development. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known, 46.7 feet in 1886 at site 0.5 miles downstream at present datum, from information furnished by Georgia Department of Transportation.

02223000 OCONEE RIVER AT MILLEDGEVILLE, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—September 1903 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 230.84 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to May 23, 1906, from January 1 to October 5, 1909, and from January 1, 1932, to September 30, 1939, a non-recording gage was installed at a site 0.5 miles downstream, and from October 1, 1939, to March 8, 1966, a water-stage recorder was located at a site 0.3 miles downstream, all at present datum. From May 23, 1906, to December 31, 1908, and from October 6, 1909, to December 31, 1931, a non-recording gage was located at Fraleys Ferry, 6.8 miles upstream at different datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 12.58 feet, February 7; minimum gage-height recorded, 6.94 feet, September 4, 6-8, 10, 17.

PRECIPITATION RECORDS

PERIOD OF RECORD.—November 22, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02223000 OCONEE RIVER AT MILLEDGEVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 009
LATITUDE 330522 LONGITUDE 0831256 NAD27 DRAINAGE AREA 2950.00* CONTRIBUTING DRAINAGE AREA 2950.0 DATUM 230.84 NGVD29
Date Processed: 2003-03-11 09:48 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	461	e340	350	560	3440	1250	7760	890	447	331	288	298
2	466	e335	357	543	2430	2170	7690	894	448	335	262	290
3	499	e330	353	548	e1550	6010	7430	900	394	291	271	271
4	453	e325	354	549	1050	7660	6570	892	308	289	271	252
5	418	e330	342	549	619	7620	4300	880	281	255	265	262
6	423	e335	321	548	2720	3980	2110	755	756	269	280	253
7	437	e332	322	538	7750	2040	2050	2740	1030	287	301	286
8	426	e333	321	563	7520	2450	1940	3740	965	254	279	280
9	423	e334	322	577	7530	1930	1960	e3550	988	259	256	282
10	440	e333	334	588	7460	2870	2860	1830	e945	246	269	262
11	423	e330	352	557	5320	2460	3100	884	803	265	275	281
12	423	e330	329	561	2590	2010	2580	886	606	292	267	273
13	421	e330	318	592	2270	3860	3920	942	377	270	270	305
14	429	e330	318	591	1640	5440	3930	1660	329	260	276	437
15	428	e330	321	594	855	6680	3890	1610	384	493	516	365
16	e387	e333	341	590	e1100	3400	3760	1590	452	426	272	269
17	e360	e335	338	583	e2100	e2940	3690	1280	384	246	266	258
18	e355	e338	358	578	e1300	2890	3530	1710	339	259	265	e358
19	e362	e340	450	571	1670	2920	3530	1040	303	240	269	321
20	e355	350	545	641	1650	2670	2370	1780	317	278	284	266
21	e350	335	561	4010	2140	2870	1940	1720	335	260	270	295
22	e350	356	570	2820	1970	3170	1940	1200	348	271	270	282
23	e345	337	562	4120	805	2930	1940	1080	339	e280	271	502
24	e348	380	545	1760	712	3230	1950	977	323	264	283	720
25	e348	368	564	3020	689	2860	2000	883	303	243	307	739
26	e348	355	584	4100	651	2770	1960	691	275	275	281	738
27	e348	342	586	5190	2570	3080	933	644	269	249	301	738
28	e347	351	578	3160	2280	e3200	884	614	309	258	299	752
29	e540	355	573	1780	---	3190	892	e527	339	257	303	764
30	e355	346	558	583	---	3160	890	439	354	289	e290	744
31	e345	---	572	2590	---	4830	---	436	---	278	280	---
TOTAL	12413	10198	13299	44554	74381	108540	94299	39664	14050	8769	8857	12143
MEAN	400	340	429	1437	2656	3501	3143	1279	468	283	286	405
MAX	540	380	586	5190	7750	7660	7760	3740	1030	493	516	764
MIN	345	325	318	538	619	1250	884	436	269	240	256	252
CFSM	0.14	0.12	0.15	0.49	0.90	1.19	1.07	0.43	0.16	0.10	0.10	0.14
IN.	0.16	0.13	0.17	0.56	0.94	1.37	1.19	0.50	0.18	0.11	0.11	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2002, BY WATER YEAR (WY)

MEAN	1689	1885	2848	4463	5798	6247	4409	2891	2058	1598	1440	1163
MAX	8495	7929	7946	8879	13810	14030	11780	9288	7142	5081	6372	2811
(WY)	1990	1993	1993	1978	1998	1971	1964	1964	1963	1994	1994	1994
MIN	344	330	429	642	1454	1747	969	599	333	283	286	358
(WY)	1955	1982	2002	1956	1989	1988	1986	2000	2000	2002	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1953 - 2002	
ANNUAL TOTAL	862120		441167			
ANNUAL MEAN	2362		1209		3027	
HIGHEST ANNUAL MEAN					5581	1964
LOWEST ANNUAL MEAN					1133	1986
HIGHEST DAILY MEAN	53000	Jun 13	7760	Apr 1	81500	Feb 25 1961
LOWEST DAILY MEAN	318	Dec 13	240	Jul 19	90	Apr 3 1955
ANNUAL SEVEN-DAY MINIMUM	328	Dec 8	261	Jul 23	129	Nov 17 1953
MAXIMUM PEAK FLOW			8000	Feb 7	122000	Feb 25 1961
MAXIMUM PEAK STAGE			12.58	Feb 7	42.90	Feb 25 1961
ANNUAL RUNOFF (CFSM)	0.80		0.41		1.03	
ANNUAL RUNOFF (INCHES)	10.87		5.56		13.94	
10 PERCENT EXCEEDS	6000		3180		7170	
50 PERCENT EXCEEDS	793		453		1760	
90 PERCENT EXCEEDS	346		271		399	

e Estimated

STATION NUMBER 02223000 OCONEE RIVER AT MILLEDGEVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 009
LATITUDE 330522 LONGITUDE 0831256 NAD27 DRAINAGE AREA 2950.00 CONTRIBUTING DRAINAGE AREA 2950.0* DATUM 230.84 NGVD29
Date Processed: 2003-03-11 09:45 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.57	---	7.32	7.71	9.93	8.57	12.47	8.18	7.51	7.25	7.12	7.10
2	7.57	---	7.33	7.68	9.20	9.23	12.47	8.18	7.51	7.26	7.06	7.08
3	7.63	---	7.33	7.69	---	11.59	12.32	8.19	7.41	7.16	7.08	7.04
4	7.54	---	7.33	7.69	8.17	12.43	11.91	8.18	7.22	7.15	7.07	6.99
5	7.48	---	7.30	7.69	7.80	12.41	10.62	8.17	7.16	7.08	7.05	7.02
6	7.49	---	7.25	7.69	9.29	10.41	9.29	7.98	7.90	7.11	7.09	6.99
7	7.51	---	7.26	7.67	12.47	9.25	9.25	9.47	8.34	7.15	7.14	7.07
8	7.49	---	7.26	7.71	12.36	9.52	10.40	10.30	8.27	7.07	7.08	7.06
9	7.49	---	7.26	7.73	12.37	9.16	9.18	---	8.30	7.08	7.03	7.07
10	7.52	---	7.28	7.75	12.34	9.77	9.78	9.07	8.22	7.04	7.06	7.02
11	7.49	---	7.32	7.70	11.07	9.52	9.94	8.17	8.07	7.09	7.07	7.06
12	7.49	---	7.27	7.71	9.34	9.22	9.60	8.17	7.76	7.16	7.05	7.04
13	7.48	---	7.25	7.76	9.16	10.37	---	8.24	7.37	7.11	7.05	7.12
14	7.50	---	7.25	7.76	8.69	11.28	10.40	8.81	7.27	7.07	7.07	7.38
15	7.49	---	7.26	7.76	8.11	11.96	10.38	8.91	7.38	7.50	7.46	7.24
16	---	---	7.30	7.76	---	10.08	10.31	8.89	7.52	7.39	7.06	7.03
17	---	---	7.29	7.74	---	---	10.28	8.60	7.39	7.04	7.04	7.01
18	---	---	7.33	7.74	---	9.78	10.19	8.89	7.29	7.07	7.03	---
19	---	---	7.50	7.73	8.63	9.81	10.19	8.34	7.21	7.02	7.04	7.15
20	---	7.32	7.68	7.84	8.68	9.65	9.46	9.04	7.25	7.11	7.08	7.03
21	---	7.29	7.71	10.21	9.04	9.78	9.17	9.00	7.28	7.06	7.05	7.10
22	---	7.33	7.72	9.47	8.93	9.96	9.17	8.53	7.31	7.09	7.05	7.06
23	---	7.29	7.71	10.31	8.05	9.82	9.17	8.40	7.29	---	7.05	7.46
24	---	7.38	7.68	8.63	7.94	9.99	9.18	8.29	7.25	7.07	7.08	7.85
25	---	7.36	7.71	9.64	7.91	9.77	9.22	8.17	7.20	7.02	7.12	7.88
26	---	7.33	7.75	10.33	7.85	9.72	9.18	7.91	7.14	7.10	7.06	7.88
27	---	7.30	7.75	11.10	9.31	9.91	8.23	7.84	7.12	7.03	7.11	7.88
28	---	7.32	7.74	9.75	9.12	---	8.17	7.79	7.22	7.05	7.11	7.90
29	---	7.33	7.73	8.73	---	9.97	8.18	---	7.29	7.04	7.11	7.91
30	---	7.31	7.70	7.74	---	9.95	8.18	7.50	7.31	7.12	---	7.89
31	---	---	7.73	9.29	---	10.89	---	7.49	---	7.09	7.06	---
MEAN	---	---	7.46	8.38	---	---	---	---	7.49	---	---	---
MAX	---	---	7.75	11.10	---	---	---	---	8.34	---	---	---
MIN	---	---	7.25	7.67	---	---	---	---	7.12	---	---	---

STATION NUMBER 02223000 OCONEE RIVER AT MILLEDGEVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 009
LATITUDE 330522 LONGITUDE 0831256 NAD27 DRAINAGE AREA 2950.00 CONTRIBUTING DRAINAGE AREA 2950.0* DATUM 230.84 NGVD29
Date Processed: 2003-03-11 09:45 By acday
APPROVED
DD #8, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.15	0.00
2	0.00	0.00	0.00	0.01	0.00	2.09	0.00	0.00	0.00	0.35	0.00	0.00
3	0.00	0.00	0.00	0.05	0.02	0.29	0.00	0.07	0.00	1.42	0.00	0.00
4	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.06	0.00	0.10	0.00	0.00
5	0.03	0.00	0.00	0.14	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
6	0.09	0.00	0.00	0.34	2.74	0.00	0.00	0.00	0.00	0.04	0.06	0.00
7	0.01	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.27	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.25	0.38	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.83	0.00	0.01	0.00	0.31	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.01	0.71	0.00	1.87	0.21	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.10	0.01	0.00	0.00	---	0.21	0.00	0.05	0.00	1.46
14	0.07	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.23	0.01	0.23	2.83
15	0.00	0.00	0.01	0.00	---	0.00	0.01	0.00	0.00	0.00	0.07	0.19
16	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.16	0.00
17	0.00	0.00	0.46	0.00	---	0.00	0.00	0.42	0.00	0.00	0.01	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.00	0.00	1.24	1.01
19	0.00	0.01	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.01	0.00	0.00	0.00
21	0.00	0.00	0.00	0.11	0.01	0.90	0.00	0.00	0.00	0.00	0.00	0.02
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
23	0.00	0.45	0.10	0.06	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
25	0.00	0.36	0.00	0.43	0.00	0.00	0.02	0.00	---	0.00	2.37	0.14
26	0.00	0.01	0.00	0.00	0.01	0.48	0.00	0.00	0.34	0.30	0.02	0.42
27	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.12	0.06	0.01
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.05	0.00	0.01	0.00	0.00	0.05
30	0.00	0.02	0.00	0.00	---	0.10	0.64	0.00	0.00	0.12	0.25	0.01
31	0.00	---	0.00	0.00	---	1.36	---	0.00	---	0.00	0.00	---
TOTAL	0.20	0.85	1.51	2.90	---	7.34	---	2.53	---	2.81	4.80	6.14

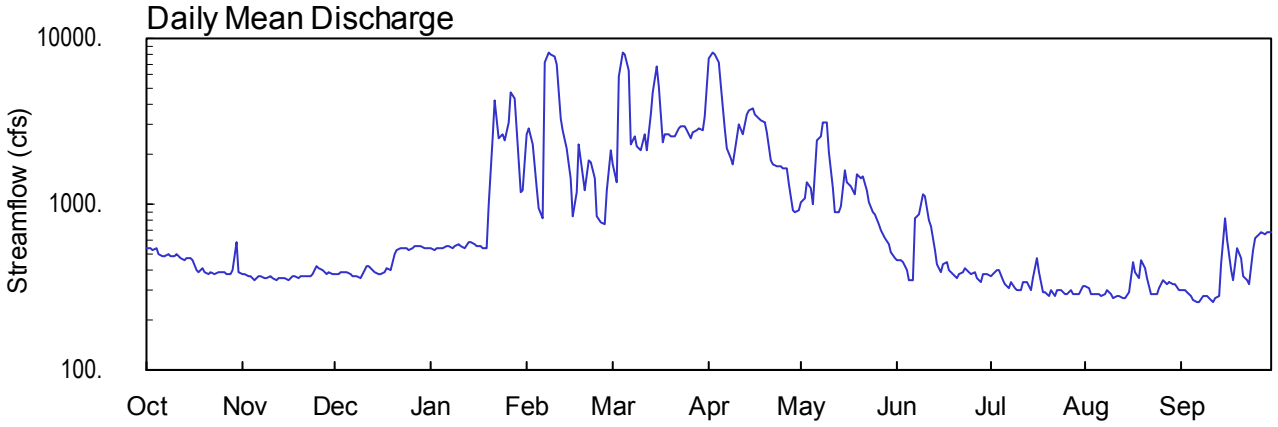
ALTAMAHA RIVER BASIN

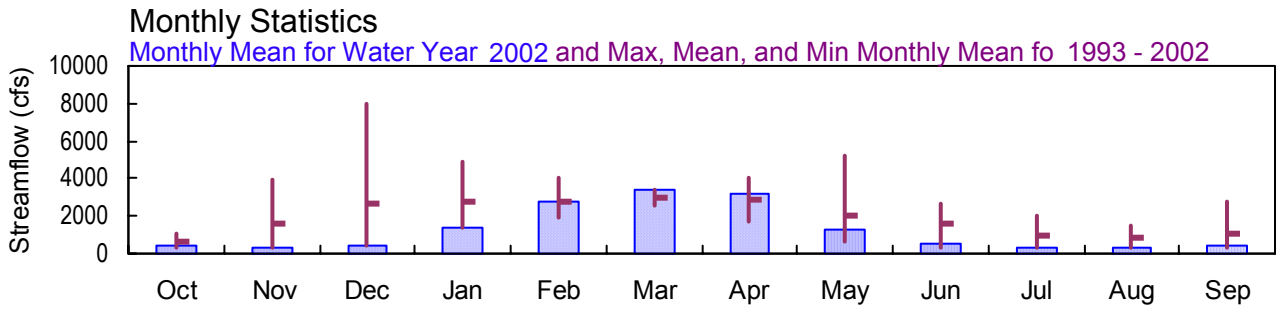
2002 Water Year

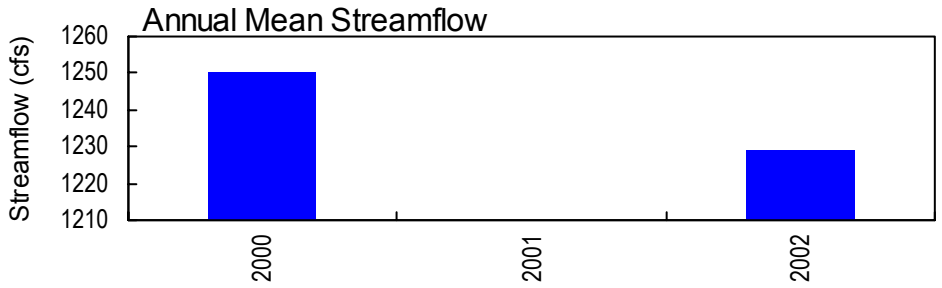
02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA

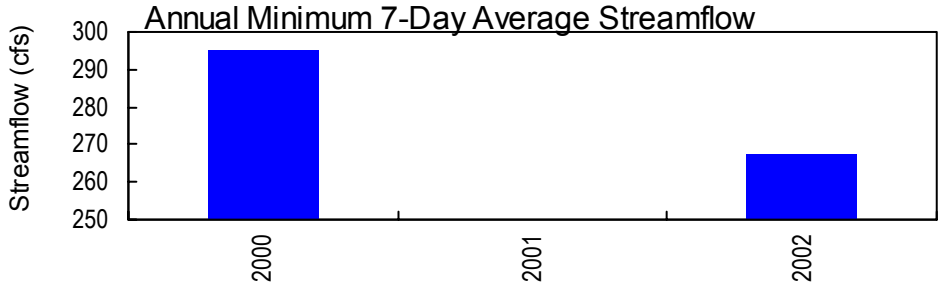
Latitude: 32°56'23" Longitude: 83°04'01" Hydrologic Unit Code: 03070102 Washington County

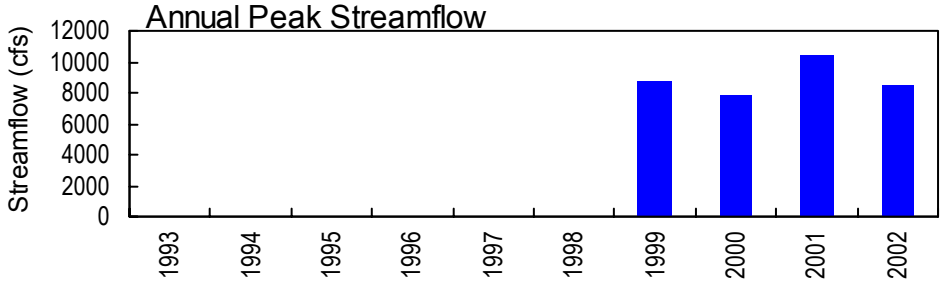
Drainage Area: 3,100. mi^2 Datum: 203.36 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA

LOCATION.—Lat 32°56'23", long 83°04'01" referenced to North American Datum (NAD) of 1927, Washington County, Hydrologic Unit 03070102, on left bank, 1.1 miles downstream from Gumm Creek, 1.6 miles upstream from Bluff Creek, and 8.8 miles northwest of Oconee.

DRAINAGE AREA.—3,100 mi^2, approximately.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—November 1992 to current year, discharges less than 11,200 ft^3/s only.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 203.36 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Power Company).

REMARKS.—Records fair, except for periods of estimated discharges, which are poor. Flow regulated by Lake Oconee and Sinclair Reservoir.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 1992 to current water year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 203.36 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Power Company).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 12.17 feet, February 7; minimum gage-height recorded, 0.77 feet, September 11.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 1, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 303
LATITUDE 325623 LONGITUDE 0830401 NAD27 DRAINAGE AREA 3100* CONTRIBUTING DRAINAGE AREA DATUM 203.36 NGVD29
Date Processed: 2003-03-11 09:51 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	549	378	381	545	2650	1730	e7500	1040	460	367	322	300
2	536	378	382	528	2890	1350	8140	1080	459	376	310	302
3	525	366	387	541	2320	5970	8060	1350	449	398	289	295
4	541	366	386	542	1240	8180	7180	1260	396	400	286	281
5	497	351	387	540	938	8110	5340	992	344	350	290	263
6	490	369	375	555	834	6410	2850	2410	344	327	281	260
7	484	370	366	557	7180	2300	2160	2540	830	315	289	256
8	497	358	367	549	8230	2570	1910	3120	868	341	305	282
9	483	363	363	556	7920	2230	1760	3110	1160	311	290	277
10	491	367	384	567	7830	2120	2490	2030	1110	300	271	275
11	495	362	428	555	6930	2660	3040	1250	792	e300	280	260
12	467	353	418	536	3280	2130	2670	891	728	e335	282	271
13	463	357	397	585	2800	3530	3440	904	535	e340	275	281
14	469	356	389	584	2190	4680	3690	971	433	e305	275	435
15	467	357	378	576	1420	6720	3740	1620	392	e360	298	819
16	455	352	378	563	849	5080	3480	1350	438	e475	447	614
17	402	364	392	554	1170	2380	3310	1280	450	e390	391	397
18	391	368	411	547	2290	2640	3180	1160	395	295	363	351
19	406	354	404	547	1500	2620	3160	1530	379	291	464	540
20	392	367	502	1010	1210	2570	2710	1450	363	280	407	468
21	382	371	522	2570	1850	2560	1860	1480	376	302	361	372
22	392	368	540	4280	1780	2860	1720	1220	389	283	286	349
23	382	372	538	2500	1420	2940	1710	1040	412	302	286	333
24	385	383	538	2650	837	2910	1700	903	391	302	290	535
25	386	423	529	2460	777	2810	1670	881	379	290	315	628
26	385	407	545	3100	752	2480	1640	752	385	289	353	655
27	384	395	555	4760	1220	2700	1320	699	361	306	334	671
28	383	383	552	4360	2140	e2800	928	630	341	285	339	659
29	403	389	554	2790	---	2840	891	580	379	288	327	671
30	596	384	541	1190	---	2760	924	507	384	286	329	679
31	392	---	537	1230	---	3420	---	474	---	317	307	---
TOTAL	13970	11131	13826	43427	76447	107060	94173	40504	15122	10106	9942	12779
MEAN	451	371	446	1401	2730	3454	3139	1307	504	326	321	426
MAX	596	423	555	4760	8230	8180	8140	3120	1160	475	464	819
MIN	382	351	363	528	752	1350	891	474	341	280	271	256
CFSM	0.15	0.12	0.14	0.45	0.88	1.11	1.01	0.42	0.16	0.11	0.10	0.14
IN.	0.17	0.13	0.17	0.52	0.92	1.28	1.13	0.49	0.18	0.12	0.12	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

MEAN	671	1573	2632	2754	2773	3024	2877	2023	1557	969	873	1058
MAX	1022	3978	7927	4859	4072	3455	4052	5166	2615	2073	1473	2720
(WY)	1999	1998	1993	1995	1994	2002	1996	1998	1997	2001	1998	1994
MIN	354	358	431	1384	1894	2541	1736	635	345	321	321	363
(WY)	2000	2002	2002	2002	2001	1999	2000	2000	2000	2000	2002	1999

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 1993 - 2002	
ANNUAL TOTAL	447044			
ANNUAL MEAN	1225		1238	
HIGHEST ANNUAL MEAN			1250	2000
LOWEST ANNUAL MEAN			1225	2002
HIGHEST DAILY MEAN	8230	Feb 8	9100	Mar 31 2001
LOWEST DAILY MEAN	256	Sep 7	256	Sep 7 2002
ANNUAL SEVEN-DAY MINIMUM	268	Sep 5	268	Sep 5 2002
ANNUAL RUNOFF (CFSM)	0.40		0.40	
ANNUAL RUNOFF (INCHES)	5.36		5.42	
10 PERCENT EXCEEDS	2890		2910	
50 PERCENT EXCEEDS	506		525	
90 PERCENT EXCEEDS	300		305	

e Estimated

STATION NUMBER 02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 303
LATITUDE 325623 LONGITUDE 0830401 NAD27 DRAINAGE AREA 3100* CONTRIBUTING DRAINAGE AREA DATUM 203.36 NGVD29
Date Processed: 2003-03-11 09:49 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.73	1.19	1.20	1.76	6.08	4.76	---	3.35	1.73	1.24	1.07	0.98
2	1.69	1.19	1.21	1.71	6.42	4.03	11.92	3.45	1.72	1.28	1.02	0.99
3	1.66	1.15	1.23	1.75	5.58	9.93	11.86	4.05	1.69	1.36	0.94	0.96
4	1.71	1.15	1.22	1.75	3.54	11.95	11.15	3.84	1.50	1.36	0.93	0.91
5	1.57	1.09	1.23	1.75	2.84	11.89	9.37	3.23	1.30	1.18	0.94	0.83
6	1.55	1.16	1.18	1.79	2.55	10.36	6.50	5.83	1.30	1.09	0.91	0.82
7	1.53	1.16	1.15	1.80	11.02	5.73	5.54	6.06	2.77	1.04	0.94	0.81
8	1.57	1.12	1.15	1.77	11.98	6.14	5.13	6.89	2.83	1.14	1.00	0.91
9	1.52	1.14	1.14	1.80	11.74	5.63	4.88	6.88	3.50	1.03	0.94	0.89
10	1.55	1.15	1.22	1.83	11.68	5.45	6.01	5.29	3.36	---	0.87	0.88
11	1.56	1.13	1.38	1.79	10.85	6.26	6.78	3.80	2.56	---	0.90	0.82
12	1.47	1.10	1.34	1.73	7.01	5.48	6.26	2.98	2.39	---	0.91	0.87
13	1.46	1.11	1.26	1.88	6.40	7.32	7.29	3.01	1.82	---	0.88	0.91
14	1.48	1.11	1.23	1.88	5.51	8.68	7.59	3.17	1.48	---	0.88	1.48
15	1.47	1.11	1.19	1.86	4.14	10.75	7.65	4.60	1.33	---	0.97	2.63
16	1.43	1.09	1.19	1.82	2.86	9.08	7.35	4.04	1.50	---	1.52	2.06
17	1.24	1.14	1.24	1.79	3.49	5.85	7.13	3.90	1.54	---	1.33	1.35
18	1.20	1.15	1.31	1.77	5.71	6.23	6.97	3.63	1.35	0.96	1.22	1.18
19	1.26	1.10	1.29	1.77	4.28	6.20	6.95	4.40	1.29	0.95	1.59	1.83
20	1.20	1.15	1.62	2.78	3.73	6.14	6.33	4.26	1.23	0.90	1.38	1.60
21	1.17	1.17	1.69	5.80	4.98	6.12	5.04	4.32	1.27	0.99	1.20	1.26
22	1.21	1.15	1.75	8.22	4.88	6.54	4.80	3.77	1.32	0.92	0.93	1.17
23	1.17	1.17	1.74	5.58	4.17	6.65	4.77	3.35	1.41	0.99	0.93	1.11
24	1.18	1.21	1.74	5.78	2.83	6.60	4.75	3.01	1.33	0.99	0.94	1.81
25	1.18	1.36	1.71	5.76	2.67	6.47	4.70	2.95	1.28	0.94	1.04	2.10
26	1.18	1.30	1.76	6.70	2.60	6.01	4.65	2.60	1.31	0.94	1.19	2.18
27	1.17	1.26	1.79	8.79	3.60	6.33	3.97	2.46	1.22	1.01	1.12	2.23
28	1.17	1.21	1.78	8.28	5.48	---	3.07	2.26	1.14	0.92	1.13	2.19
29	1.24	1.23	1.79	6.31	---	6.51	2.98	2.11	1.29	0.94	1.09	2.22
30	1.87	1.22	1.75	3.39	---	6.40	3.06	1.88	1.30	0.93	1.09	2.25
31	1.24	---	1.74	3.37	---	7.23	---	1.77	---	1.05	1.01	---
MEAN	1.41	1.17	1.43	3.38	5.67	---	---	3.78	1.70	---	1.06	1.41
MAX	1.87	1.36	1.79	8.79	11.98	---	---	6.89	3.50	---	1.59	2.63
MIN	1.17	1.09	1.14	1.71	2.55	---	---	1.77	1.14	---	0.87	0.81

STATION NUMBER 02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 303
LATITUDE 325623 LONGITUDE 0830401 NAD27 DRAINAGE AREA 3100* CONTRIBUTING DRAINAGE AREA DATUM 203.36 NGVD29
Date Processed: 2003-03-11 09:49 By acday
APPROVED
DD #8, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.01
2	0.00	0.00	0.00	0.08	0.00	2.02	0.00	0.00	0.00	0.10	0.00	0.00
3	0.00	0.00	0.00	0.01	0.01	0.39	0.00	0.76	0.00	1.21	0.00	0.00
4	0.00	0.00	0.00	0.06	0.01	0.00	0.00	0.04	0.00	0.13	0.00	0.00
5	0.02	0.00	0.00	0.21	0.01	0.00	0.00	0.02	0.01	0.14	0.00	0.00
6	0.03	0.00	0.00	0.54	2.85	0.00	0.00	0.00	0.01	0.09	0.00	0.00
7	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.06	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.01	0.25	0.45	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	1.17	0.00	0.01	0.00	0.29	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.01	0.61	0.00	0.41	0.07	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.05	0.01	0.00	0.00	0.51	0.52	0.00	0.63	0.00	1.41
14	0.32	0.00	0.00	0.04	0.00	0.00	0.07	0.00	0.20	0.00	0.17	1.32
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.13
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
17	0.00	0.00	---	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.23	0.85	0.00	0.04	1.38
19	0.00	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.01	0.00	0.00	0.07
21	0.00	0.00	0.00	0.16	0.00	0.74	0.00	0.01	0.00	0.24	0.00	0.06
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00
23	0.00	0.40	0.04	0.01	0.00	0.00	0.00	0.00	0.73	0.02	0.00	0.00
24	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.05	0.13	0.00	0.00
25	0.00	1.14	0.00	0.24	0.00	0.00	0.01	0.00	0.58	0.00	0.59	0.22
26	0.00	0.10	0.00	0.00	0.01	0.24	0.00	0.00	0.06	0.04	0.07	0.18
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.06
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.10	0.00	0.01	0.00	0.00	0.02
30	0.00	0.00	0.00	0.01	---	0.06	0.69	0.58	0.06	1.18	0.20	0.00
31	0.00	---	0.00	0.00	---	0.64	---	0.08	---	0.02	0.05	---
TOTAL	0.37	1.64	---	2.73	3.30	4.75	2.24	3.56	2.84	4.00	2.68	4.87

ALTAMAHA RIVER BASIN
2002 Water Year

02223082 BUFFALO CREEK NEAR LINTON, GA

LOCATION.—Lat 33°06'27", long 82°57'34" referenced to North American Datum (NAD) of 1927, Hancock-Washington County line, Hydrologic Unit 03070102, at Hancock County Road 787, 2.0 miles southeast of Linton.

DRAINAGE AREA.—92.9 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1961, 1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 278.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 20.00 feet, February 25, 1961
DISCHARGE: 5,400 ft^3/s, February 25, 1961

MAXIMUM FOR CURRENT YEAR.—
STAGE: 10.86 feet, February 7
DISCHARGE: 1,140 ft^3/s, February 7

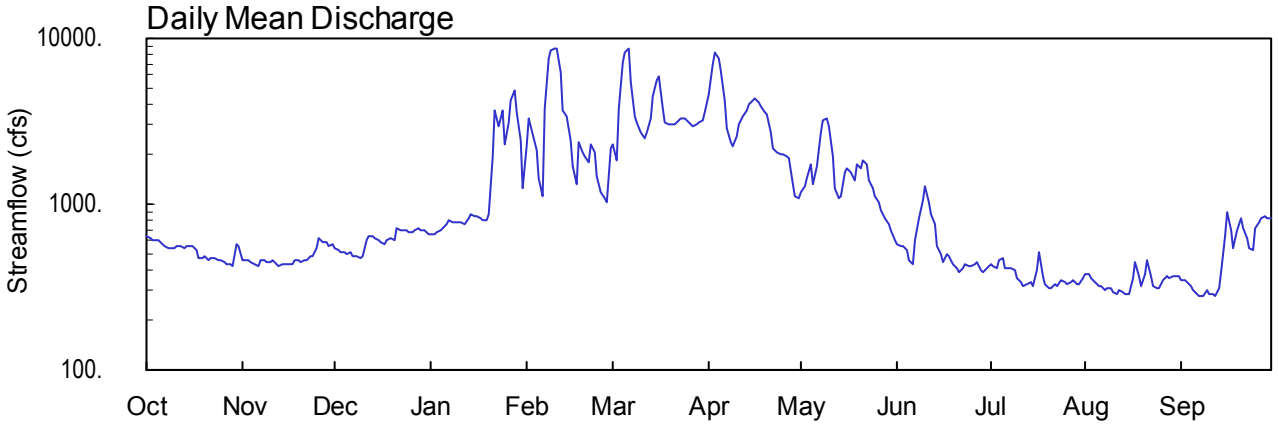
ALTAMAHA RIVER BASIN

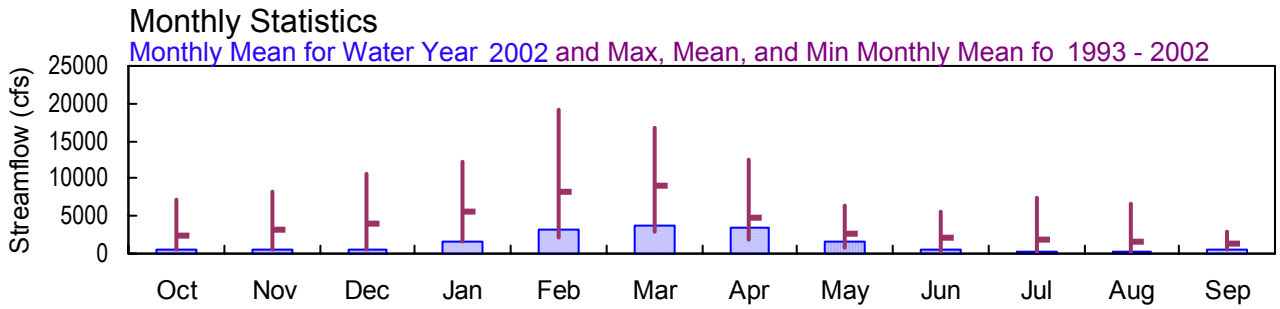
2002 Water Year

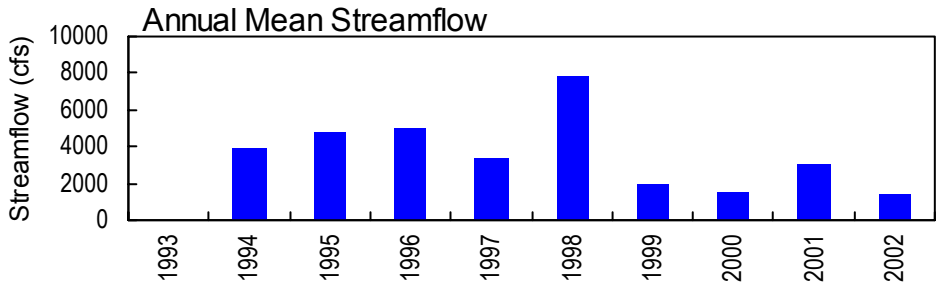
02223248 OCONEE RIVER NEAR OCONEE, GA

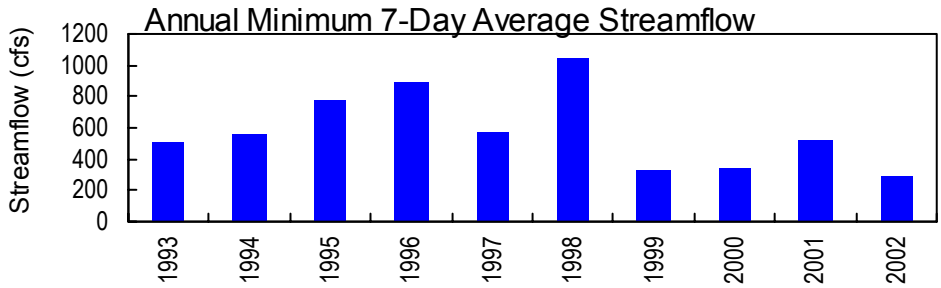
Latitude: 32°47'14" Longitude: 82°57'26" Hydrologic Unit Code: 03070102 Wilkinson County

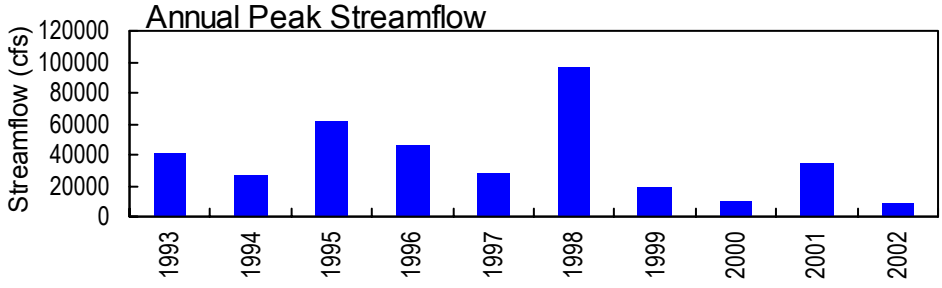
Drainage Area: 3,770. mi^2 Datum: 171.83 feet











02223248 - Oconee River near Oconee, GA

ALTAMAHA RIVER BASIN
2002 Water Year

02223248 OCONEE RIVER NEAR OCONEE, GA

LOCATION.—Lat 32°47'14", long 82°57'26" referenced to North American Datum (NAD) of 1927, Wilkinson County, Hydrologic Unit 03070102, on right bank 0.4 miles upstream from GA 57, 0.5 miles upstream from Oochee Creek, and 6.0 miles south of Oconee, at mile 96.6.

DRAINAGE AREA.—3,770 mi^2.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—November 1992 to current year.

REVISED RECORDS.—WDR-GA-96-1:1993-95 (M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 171.83 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good, except for the periods of estimated discharges, which are fair to poor. Flow regulated by Lake Oconee since January 1979 and Sinclair Reservoir since November 1952.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 1992 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 171.83 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.04 feet, February 10; minimum gage-height recorded, 0.39 feet, September 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 17, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02223248 OCONEE RIVER NEAR OCONEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 319
LATITUDE 324714 LONGITUDE 0825726 NAD27 DRAINAGE AREA 3770* CONTRIBUTING DRAINAGE AREA 3770 DATUM 171.83 NGVD29
Date Processed: 2003-03-11 09:54 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	642	465	547	665	2230	2320	e4600	1170	574	430	381	348
2	626	457	532	666	3280	1860	e6900	1300	564	418	377	350
3	609	460	518	671	2670	3800	e8200	1420	558	409	362	336
4	615	451	508	701	2130	7190	e7650	1720	527	461	340	322
5	607	440	501	716	1450	8340	e6500	1320	459	467	318	304
6	567	425	508	751	1110	8640	e4250	1690	430	412	317	289
7	554	454	492	800	3840	5440	e2900	2680	e600	409	306	281
8	547	454	486	787	7660	e3400	e2370	3230	e830	414	308	282
9	548	446	477	782	8370	e3100	e2250	3320	1050	399	316	300
10	541	449	480	780	8710	e2730	e2540	2980	1270	357	297	290
11	556	455	601	787	8680	e2500	e3000	1930	1040	339	285	290
12	557	436	649	763	6270	e2720	e3400	1250	860	322	303	282
13	549	429	641	819	3640	e3300	e3650	1090	752	e330	292	315
14	558	434	630	864	3370	e4450	e4000	1130	564	e340	287	390
15	562	431	612	850	2410	e5650	e4250	1570	e495	e325	290	e640
16	560	430	583	844	1680	e5850	e4310	1670	e450	e400	e360	904
17	531	432	577	828	1310	e3820	4120	e1560	501	e520	e450	694
18	478	454	603	808	2390	e3150	3850	1410	e480	e370	e370	540
19	477	463	620	796	2070	e3050	3620	1740	434	331	325	702
20	481	446	603	867	1940	e3000	3440	1660	e410	314	378	821
21	463	466	708	1920	1790	e3000	2700	1820	390	310	e455	712
22	472	464	704	3670	2330	e3200	2190	1760	408	328	e370	623
23	473	480	706	2970	2040	e3300	2080	1400	431	320	e325	544
24	458	483	697	3650	1480	e3300	2020	1240	427	348	e315	523
25	454	549	683	2310	1170	e3200	1980	1110	424	340	308	709
26	450	619	682	3080	1100	e3050	1960	1030	438	327	352	773
27	439	597	702	4210	1040	e2960	1880	e910	443	343	368	827
28	433	584	708	4900	2200	e3050	1320	816	401	344	361	837
29	429	566	699	3540	---	e3100	1130	752	387	333	365	816
30	569	567	693	2420	---	e3200	1090	e695	411	331	365	819
31	562	---	666	1250	---	e3600	---	613	---	355	370	---
TOTAL	16367	14286	18816	49465	88360	119270	104150	47986	17008	11446	10616	15863
MEAN	528	476	607	1596	3156	3847	3472	1548	567	369	342	529
MAX	642	619	708	4900	8710	8640	8200	3320	1270	520	455	904
MIN	429	425	477	665	1040	1860	1090	613	387	310	285	281
CFSM	0.14	0.13	0.16	0.42	0.84	1.02	0.92	0.41	0.15	0.10	0.09	0.14
IN.	0.16	0.14	0.19	0.49	0.87	1.18	1.03	0.47	0.17	0.11	0.10	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

MEAN	2271	3156	4038	5466	8138	8910	4877	2529	2181	1888	1589	1302
MAX	7142	8209	10650	12160	19160	16670	12530	6427	5707	7508	6706	3045
(WY)	1995	1993	1998	1998	1998	1998	1998	1998	2001	1994	1994	1994
MIN	528	476	607	1596	2160	3042	1946	706	391	369	342	447
(WY)	2002	2002	2002	2002	2001	1999	2000	2000	2000	2002	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1993 - 2002	
ANNUAL TOTAL	1042644		512633			
ANNUAL MEAN	2857		1404		3621	
HIGHEST ANNUAL MEAN					7777	1998
LOWEST ANNUAL MEAN					1404	2002
HIGHEST DAILY MEAN	33100	Jun 15	8710	Feb 10	76000	Mar 10 1998
LOWEST DAILY MEAN	425	Nov 6	281	Sep 7	281	Sep 7 2002
ANNUAL SEVEN-DAY MINIMUM	435	Nov 12	288	Sep 6	288	Sep 6 2002
MAXIMUM PEAK FLOW			8830	Feb 10	97000	Mar 10 1998
MAXIMUM PEAK STAGE			13.04	Feb 10	29.90	Mar 10 1998
ANNUAL RUNOFF (CFSM)	0.76		0.37		0.96	
ANNUAL RUNOFF (INCHES)	10.29		5.06		13.05	
10 PERCENT EXCEEDS	6500		3420		9400	
50 PERCENT EXCEEDS	1170		630		1850	
90 PERCENT EXCEEDS	481		335		530	

e Estimated

STATION NUMBER 02223248 OCONEE RIVER NEAR OCONEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 319
LATITUDE 324714 LONGITUDE 0825726 NAD27 DRAINAGE AREA 3770 CONTRIBUTING DRAINAGE AREA 3770* DATUM 171.83 NGVD29
Date Processed: 2003-03-11 09:52 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.46	0.98	1.21	1.52	4.64	4.81	---	2.68	1.28	0.88	0.73	0.64
2	1.42	0.96	1.17	1.52	6.34	4.02	---	2.95	1.25	0.85	0.72	0.64
3	1.37	0.97	1.13	1.53	5.39	7.00	---	3.18	1.24	0.82	0.68	0.60
4	1.39	0.94	1.10	1.60	4.47	11.46	---	3.75	1.15	0.97	0.61	0.55
5	1.37	0.91	1.08	1.64	3.23	12.62	---	2.99	0.97	0.99	0.54	0.49
6	1.26	0.87	1.10	1.73	2.54	12.88	---	3.64	0.88	0.83	0.54	0.44
7	1.23	0.95	1.06	1.85	6.90	9.24	---	5.41	---	0.82	0.50	0.42
8	1.21	0.95	1.04	1.81	11.97	---	---	6.27	---	0.84	0.51	0.42
9	1.21	0.93	1.02	1.80	12.65	---	---	6.40	2.40	0.79	0.53	0.48
10	1.19	0.94	1.02	1.80	12.94	---	---	5.87	2.87	0.66	0.47	0.45
11	1.23	0.95	1.35	1.82	12.91	---	---	4.14	---	0.61	0.43	0.45
12	1.24	0.90	1.47	1.76	10.31	---	---	2.83	---	0.55	0.49	0.42
13	1.21	0.88	1.45	1.89	6.87	---	---	2.49	1.73	---	0.45	0.53
14	1.24	0.89	1.43	2.00	6.48	---	---	2.59	1.25	---	0.44	0.76
15	1.25	0.88	1.38	1.97	4.97	---	---	3.45	---	---	0.45	---
16	1.24	0.88	1.30	1.95	3.67	---	---	3.66	---	---	---	2.09
17	1.17	0.89	1.29	1.91	2.96	---	7.56	---	1.08	---	---	1.59
18	1.02	0.95	1.36	1.87	4.89	---	7.18	3.16	---	---	---	1.19
19	1.02	0.98	1.40	1.84	4.37	---	6.84	3.78	0.89	0.58	0.56	1.60
20	1.03	0.93	1.36	2.00	4.15	---	6.59	3.64	---	0.53	0.72	1.90
21	0.98	0.98	1.62	4.07	3.88	---	5.43	3.93	0.76	0.51	---	1.63
22	1.00	0.98	1.61	6.87	4.83	---	4.59	3.83	0.82	0.57	---	1.41
23	1.00	1.02	1.62	5.82	4.33	---	4.40	3.15	0.88	0.54	---	1.20
24	0.96	1.03	1.60	6.85	3.30	---	4.30	2.81	0.87	0.63	0.50	1.14
25	0.95	1.21	1.56	4.79	2.68	---	4.23	2.55	0.86	0.61	0.51	1.63
26	0.94	1.40	1.56	6.04	2.52	---	4.19	2.37	0.91	0.57	0.65	1.78
27	0.91	1.34	1.61	7.67	2.40	---	4.05	---	0.92	0.62	0.70	1.91
28	0.89	1.31	1.62	8.64	4.58	---	2.97	1.88	0.80	0.62	0.67	1.93
29	0.88	1.26	1.60	6.72	---	---	2.58	1.73	0.75	0.59	0.69	1.89
30	1.25	1.26	1.59	4.95	---	---	2.50	---	0.83	0.58	0.68	1.89
31	1.24	---	1.52	2.83	---	---	---	1.38	---	0.65	0.70	---
MEAN	1.15	1.01	1.36	3.26	5.76	---	---	---	---	---	---	---
MAX	1.46	1.40	1.62	8.64	12.94	---	---	---	---	---	---	---
MIN	0.88	0.87	1.02	1.52	2.40	---	---	---	---	---	---	---

STATION NUMBER 02223248 OCONEE RIVER NEAR OCONEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 319
LATITUDE 324714 LONGITUDE 0825726 NAD27 DRAINAGE AREA 3770 CONTRIBUTING DRAINAGE AREA 3770* DATUM 171.83 NGVD29
Date Processed: 2003-03-11 09:52 By acday
APPROVED
DD #4, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	0.01	0.00	0.00	0.13	0.00
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.15	0.00	0.60	0.00	0.00
4	---	---	---	---	---	---	---	0.38	0.00	0.10	0.00	0.00
5	---	---	---	---	---	---	---	0.16	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.01	0.20	0.00	0.00
7	---	---	---	---	---	---	---	0.00	0.00	0.89	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	---	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	---	0.00
13	---	---	---	---	---	---	---	0.08	0.00	---	0.00	3.12
14	---	---	---	---	---	---	---	0.01	0.56	---	0.00	1.11
15	---	---	---	---	---	---	---	0.00	0.00	---	0.00	0.21
16	---	---	---	---	---	---	---	0.00	0.00	0.00	---	0.00
17	---	---	---	---	---	---	0.65	0.00	0.00	0.00	---	0.00
18	---	---	---	---	---	---	0.00	---	0.00	0.00	---	0.99
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.01
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.01
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---	0.25
22	---	---	---	---	---	---	0.00	0.00	0.29	0.00	---	0.00
23	---	---	---	---	---	---	0.00	0.00	0.23	0.00	---	0.00
24	---	---	---	---	---	---	0.00	0.00	0.10	2.29	---	0.00
25	---	---	---	---	---	---	0.00	0.00	2.98	0.00	0.29	0.07
26	---	---	---	---	---	---	0.00	0.00	0.79	0.00	0.24	0.74
27	---	---	---	---	---	---	0.00	0.00	0.01	0.00	0.00	0.03
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.01	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.34	0.00	0.79	0.00	0.91	0.00
31	---	---	---	---	---	---	---	0.00	---	2.35	0.00	---
TOTAL	---	---	---	---	---	---	---	---	5.76	---	---	6.54

02223349 BIG SANDY CREEK TRIBUTARY NEAR IRWINTON, GA

LOCATION.—Lat 32°48'11", long 83°13'37" referenced to North American Datum (NAD) of 1927, Wilkinson County, Hydrologic Unit 03070102, at culvert on White Springs Road, 1.7 miles southwest of Irwinton.

DRAINAGE AREA.—0.50 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 285.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 3.16 feet, March 3, 1991
DISCHARGE: 71 ft^3/s, March 3, 1991

MAXIMUM FOR CURRENT YEAR.—
STAGE: <0.74 feet, Not determined, peak below bottom of gage
DISCHARGE: <1.75 ft^3/s, Not determined, peak below bottom of gage

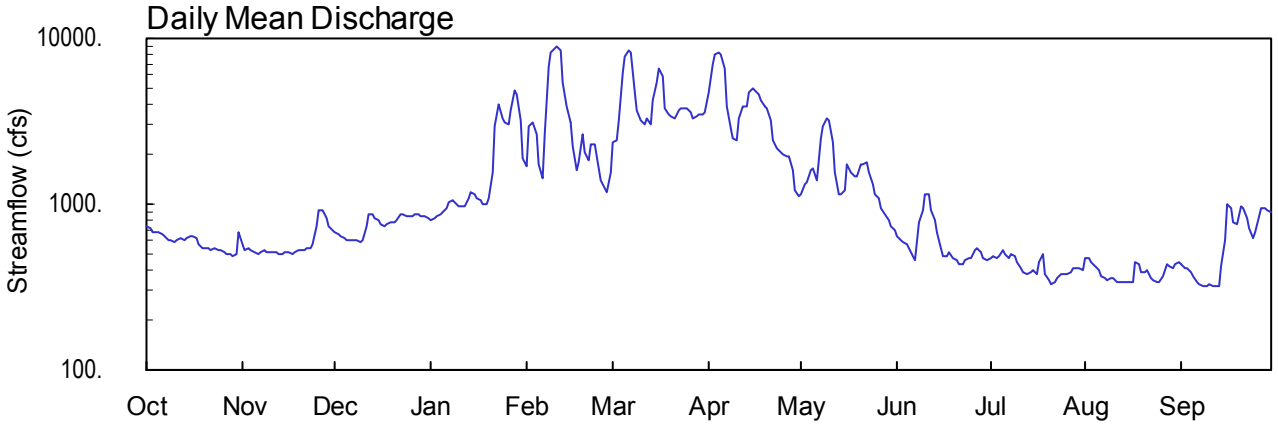
ALTAMAHA RIVER BASIN

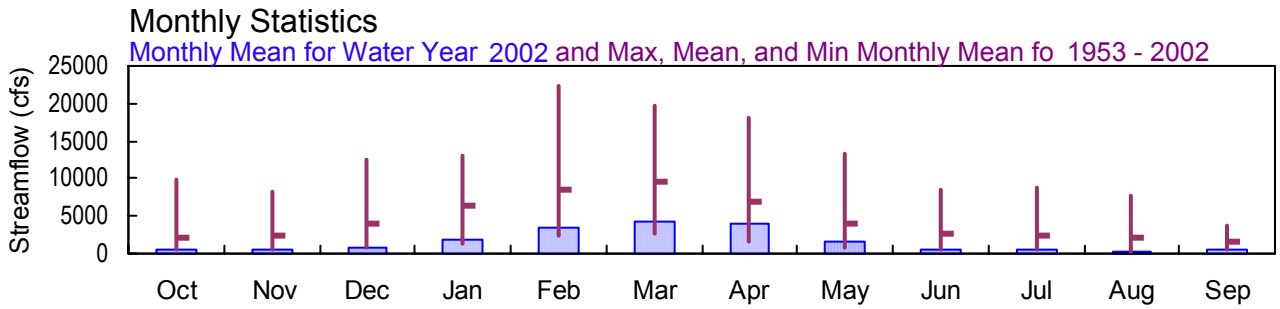
2002 Water Year

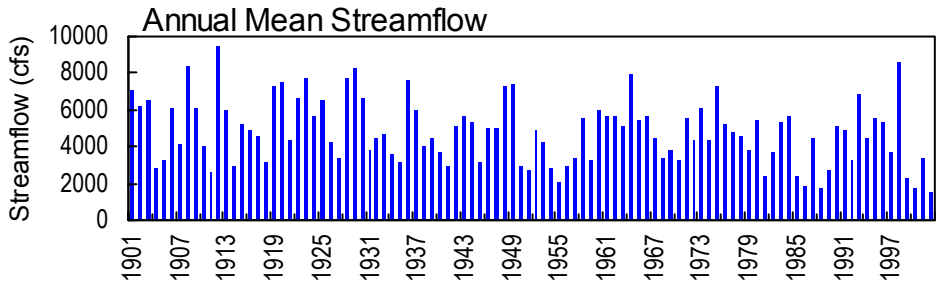
02223500 OCONEE RIVER AT DUBLIN, GA

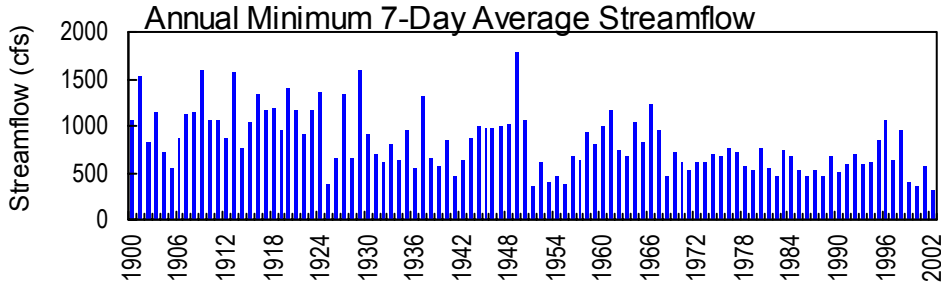
Latitude: 32°32'40" Longitude: 82°53'41" Hydrologic Unit Code: 03070102 Laurens County

Drainage Area: 4,400. mi^2 Datum: 149.08 feet

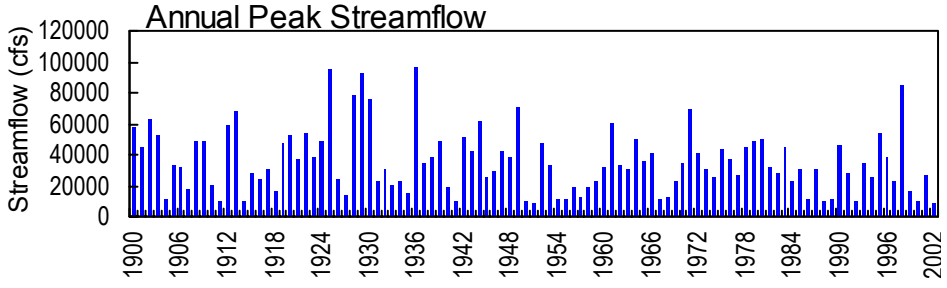








02223500 Oconee River at Dublin, GA
July 18, 1991



ALTAMAHA RIVER BASIN
2002 Water Year

02223500 OCONEE RIVER AT DUBLIN, GA

LOCATION.—Lat 32°32'40", long 82°53'41" referenced to North American Datum (NAD) of 1927, Laurens County, Hydrologic Unit 03070102, near left bank on downstream end of pier of bridge on US 80 at Dublin, and at mile 74.3.

DRAINAGE AREA.—4,400 mi^2, approximately.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 1894 to September 1897 (gage-heights only), October 1897 to current year. Gage-height records collected at same site since 1893 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 822: Drainage area. WSP 1504: 1898- 1903, 1905- 6, 1908-9, 1912, 1913(M), 1925(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 149.08 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to April 14, 1932, a non-recording gage was installed, and from April 15, 1932, to June 17, 1934, a water-stage recorder was located at a site 420 feet downstream at datum 3.0 feet higher. From October 1, 1933, to July 17, 1934 recorded data are corrected to present datum. From July 18, 1934, to April 14, 1936, a water-stage recorder and from April 15, 1936, to October 12, 1938, a non-recording gage, and from October 13, 1938 to January 20, 1953, a water-stage recorder was located at a site 80 feet upstream at present datum.

REMARKS.—Records good. Flow regulated by Lake Oconee and Sinclair Reservoir. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1893, that of April 12-13, 1936.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 19,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 11	1615	8,940*	12.42*

ALTAMAHA RIVER BASIN
2002 Water Year

02223500 OCONEE RIVER AT DUBLIN, GA

WATER-STAGE RECORDS

PERIOD OF RECORD.—January 1894 to September 1897 (gage-heights only), October 1897 to current year. Gage-height records collected at same site since 1893 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 822: Drainage area. WSP 1504: 1898- 1903, 1905- 6, 1908-9, 1912, 1913(M), 1925(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 149.08 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to April 14, 1932, a non-recording gage and from April 15, 1932, to June 17, 1934, a water-stage recorder was located at a site 420 feet downstream at datum 3.0 feet higher. From October 1, 1933, to July 17, 1934 recorded data are corrected to present datum. From July 18, 1934, to April 14, 1936, a water-stage recorder and from April 15, 1936, to October 12, 1938, a non-recording gage, and from October 13, 1938 to January 20, 1953, a water-stage recorder was located at a site 80 feet upstream at present datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 12.42 feet, February 11; minimum gage-height recorded, 0.44 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 17, 2001 to current year.

GAGE.—Tipping-bucket rain gage.

REMARKS.—Records good.

STATION NUMBER 02223500 OCONEE RIVER AT DUBLIN, GA SOURCE AGENCY USGS STATE 13 COUNTY 175
LATITUDE 323240 LONGITUDE 0825341 NAD27 DRAINAGE AREA 4400.00* CONTRIBUTING DRAINAGE AREA DATUM 149.08 NGVD29
Date Processed: 2003-03-10 10:40 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	730	582	683	805	1690	2380	4670	1160	636	478	474	434
2	709	535	654	821	2990	2400	6960	1320	605	490	473	411
3	687	536	634	848	3110	3190	7900	1370	596	478	452	408
4	672	532	620	875	2610	6270	8180	1620	582	480	419	386
5	679	514	614	891	1750	7870	8030	1630	539	522	395	365
6	661	497	613	944	1450	8550	6550	1400	485	506	371	343
7	635	512	614	1030	2640	8180	3940	2480	460	475	362	329
8	611	530	602	1050	6740	4710	2870	2920	770	495	351	319
9	606	518	595	1020	8230	3660	2480	3300	914	489	355	323
10	598	516	606	982	8670	3170	2430	3250	1140	450	357	331
11	604	516	743	968	8890	3030	3320	2340	1160	411	341	323
12	619	516	870	965	8510	3310	3910	1560	911	386	338	321
13	615	501	859	1090	5460	3030	3880	1150	809	378	341	321
14	632	502	828	1190	3910	4280	4780	1150	671	387	335	418
15	644	508	800	1150	3080	5380	5030	1200	540	401	335	611
16	633	507	756	1090	2250	6650	4840	1720	483	378	336	987
17	617	503	728	1050	1620	5950	4540	1540	486	453	447	953
18	577	512	759	1010	1780	3790	4250	1490	514	495	437	782
19	541	529	788	991	2610	3480	3930	1460	479	377	386	764
20	545	529	775	1090	2060	3370	3750	1760	457	350	385	978
21	540	529	806	1570	1850	3340	3220	1750	431	334	401	948
22	531	547	862	2930	2270	3660	2430	1800	432	338	363	827
23	543	548	863	4020	2280	3820	2160	1550	459	358	349	708
24	535	578	854	3260	1920	3840	2070	1310	472	375	338	626
25	523	745	840	3110	1390	3780	2000	1150	474	382	343	673
26	512	910	841	3010	1250	3540	1960	1080	527	381	370	837
27	504	920	865	3720	1170	3260	1920	958	550	389	441	940
28	496	813	864	4860	1550	3360	1610	867	520	415	420	958
29	491	737	854	4550	---	3460	1210	790	471	415	415	929
30	495	698	841	3220	---	3500	1130	744	462	406	434	903
31	679	---	824	1870	---	3540	---	688	---	397	442	---
TOTAL	18464	17420	23455	55980	93730	131750	115950	48507	18035	13069	12006	18456
MEAN	596	581	757	1806	3348	4250	3865	1565	601	422	387	615
MAX	730	920	870	4860	8890	8550	8180	3300	1160	522	474	987
MIN	491	497	595	805	1170	2380	1130	688	431	334	335	319
CFSM	0.14	0.13	0.17	0.41	0.76	0.97	0.88	0.36	0.14	0.10	0.09	0.14
IN.	0.16	0.15	0.20	0.47	0.79	1.11	0.98	0.41	0.15	0.11	0.10	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2002, BY WATER YEAR (WY)

MEAN	2183	2399	3985	6379	8526	9538	7042	4022	2774	2263	2013	1547
MAX	9883	8254	12390	13100	22360	19680	17960	13390	8439	8767	7706	3625
(WY)	1990	1993	1993	1998	1998	1998	1964	1964	1966	1963	1994	1975
MIN	469	556	757	1199	2278	2649	1493	807	455	421	387	607
(WY)	1955	1982	2002	1956	1989	1955	1986	2000	2000	2000	2002	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1953 - 2002	
ANNUAL TOTAL	1152941		566822			
ANNUAL MEAN	3159		1553		4368	
HIGHEST ANNUAL MEAN					8614	1998
LOWEST ANNUAL MEAN					1553	2002
HIGHEST DAILY MEAN	26300	Mar 19	8890	Feb 11	77500	Mar 12 1998
LOWEST DAILY MEAN	491	Oct 29	319	Sep 8	319	Sep 8 2002
ANNUAL SEVEN-DAY MINIMUM	507	Nov 12	324	Sep 7	324	Sep 7 2002
MAXIMUM PEAK FLOW			8940	Feb 11	85000	Mar 11 1998
MAXIMUM PEAK STAGE			12.42	Feb 11	32.00	Mar 11 1998
ANNUAL RUNOFF (CFSM)	0.72		0.35		0.99	
ANNUAL RUNOFF (INCHES)	9.75		4.79		13.49	
10 PERCENT EXCEEDS	8190		3800		10400	
50 PERCENT EXCEEDS	1310		788		2440	
90 PERCENT EXCEEDS	580		386		772	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02223500 OCONEE RIVER AT DUBLIN, GA SOURCE AGENCY USGS STATE 13 COUNTY 175
LATITUDE 323240 LONGITUDE 0825341 NAD27 DRAINAGE AREA 4400.00* CONTRIBUTING DRAINAGE AREA DATUM 149.08 NGVD29
Date Processed: 2003-03-10 10:38 By acday
APPROVED
DD #6, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.48	1.14	1.43	1.69	3.16	4.21	7.38	2.33	1.32	0.92	0.91	0.81
2	1.44	1.02	1.36	1.72	5.07	4.25	10.32	2.59	1.25	0.96	0.91	0.74
3	1.39	1.03	1.32	1.78	5.25	5.35	11.35	2.68	1.23	0.92	0.85	0.73
4	1.36	1.02	1.28	1.83	4.56	9.49	11.64	3.05	1.19	0.93	0.76	0.67
5	1.37	0.97	1.27	1.86	3.25	11.32	11.50	3.07	1.08	1.04	0.69	0.61
6	1.33	0.93	1.27	1.97	2.80	12.03	9.81	2.72	0.94	1.00	0.62	0.54
7	1.27	0.97	1.27	2.11	4.55	11.63	6.37	4.35	0.87	0.92	0.60	0.50
8	1.21	1.01	1.24	2.15	10.05	7.42	4.91	4.99	1.60	0.97	0.57	0.46
9	1.20	0.98	1.22	2.09	11.70	5.97	4.37	5.51	1.91	0.96	0.58	0.48
10	1.18	0.98	1.25	2.04	12.15	5.33	4.29	5.44	2.30	0.85	0.58	0.50
11	1.20	0.98	1.56	2.01	12.37	5.13	5.53	4.15	2.33	0.74	0.53	0.48
12	1.23	0.98	1.82	2.01	11.98	5.52	6.31	2.96	1.90	0.67	0.52	0.47
13	1.22	0.94	1.80	2.21	8.42	5.15	6.27	2.32	1.70	0.65	0.53	0.47
14	1.26	0.94	1.74	2.38	6.31	6.84	7.54	2.32	1.40	0.67	0.51	0.75
15	1.29	0.96	1.68	2.31	5.19	8.35	7.88	2.40	1.09	0.71	0.51	1.26
16	1.27	0.95	1.59	2.22	4.01	9.98	7.61	3.20	0.94	0.64	0.52	2.04
17	1.23	0.94	1.53	2.15	3.06	9.08	7.20	2.93	0.95	0.85	0.84	1.98
18	1.13	0.96	1.60	2.08	3.30	6.16	6.79	2.86	1.02	0.97	0.81	1.64
19	1.04	1.01	1.66	2.05	4.54	5.74	6.34	2.82	0.93	0.64	0.67	1.61
20	1.05	1.01	1.63	2.22	3.72	5.60	6.08	3.26	0.87	0.56	0.67	2.02
21	1.04	1.01	1.69	2.98	3.40	5.55	5.39	3.24	0.80	0.51	0.71	1.97
22	1.02	1.06	1.81	4.98	4.05	5.97	4.29	3.33	0.80	0.52	0.60	1.74
23	1.05	1.06	1.81	6.47	4.06	6.18	3.88	2.95	0.87	0.59	0.56	1.49
24	1.03	1.13	1.79	5.45	3.52	6.21	3.73	2.57	0.91	0.64	0.52	1.30
25	0.99	1.51	1.76	5.23	2.70	6.13	3.64	2.32	0.91	0.66	0.54	1.40
26	0.96	1.88	1.76	5.11	2.49	5.82	3.58	2.20	1.06	0.65	0.62	1.76
27	0.94	1.92	1.81	6.07	2.35	5.45	3.51	1.99	1.11	0.68	0.82	1.96
28	0.92	1.71	1.81	7.65	2.95	5.58	3.04	1.82	1.04	0.75	0.77	1.99
29	0.91	1.55	1.79	7.22	---	5.72	2.41	1.66	0.90	0.75	0.75	1.94
30	0.92	1.46	1.76	5.39	---	5.77	2.28	1.56	0.88	0.73	0.80	1.89
31	1.37	---	1.73	3.43	---	5.82	---	1.44	---	0.70	0.83	---
MEAN	1.17	1.13	1.58	3.25	5.39	6.73	6.17	2.94	1.20	0.77	0.67	1.21
MAX	1.48	1.92	1.82	7.65	12.37	12.03	11.64	5.51	2.33	1.04	0.91	2.04
MIN	0.91	0.93	1.22	1.69	2.35	4.21	2.28	1.44	0.80	0.51	0.51	0.46

STATION NUMBER 02223500 OCONEE RIVER AT DUBLIN, GA SOURCE AGENCY USGS STATE 13 COUNTY 175
LATITUDE 323240 LONGITUDE 0825341 NAD27 DRAINAGE AREA 4400.00* CONTRIBUTING DRAINAGE AREA DATUM 149.08 NGVD29
Date Processed: 2003-03-10 10:38 By acday
APPROVED
DD #10, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.29	---
2	0.00	0.03	---	---	0.00	1.88	0.00	0.00	0.00	0.26	0.01	---
3	0.00	0.00	---	---	0.00	0.25	0.00	0.00	0.00	0.01	0.01	---
4	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
5	0.00	0.00	---	0.00	0.01	0.00	0.00	0.28	0.00	0.00	0.00	0.00
6	0.00	0.00	---	0.45	2.13	0.00	0.00	0.00	0.91	0.00	0.00	0.00
7	0.00	0.00	---	0.00	0.25	0.00	0.00	0.00	0.55	0.04	0.01	0.00
8	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
9	0.00	0.00	---	0.00	0.00	0.04	0.21	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	---	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	---	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	---	0.84	0.00	0.46	0.19	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	---	0.00	0.00	0.00	0.36	0.08	0.00	0.01	0.00	0.36
14	0.00	0.00	---	0.14	0.00	0.00	0.02	0.00	0.57	0.00	0.10	1.38
15	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.65
16	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00
18	0.00	0.00	---	0.00	0.00	0.00	0.00	0.69	0.11	0.00	0.01	1.47
19	0.00	0.00	---	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	---	0.00	0.28	0.00	0.00	0.00	0.01	0.00	0.00	0.01
21	0.00	0.00	---	0.07	0.00	0.79	0.00	0.00	0.00	0.07	0.07	0.00
22	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.24	0.05	0.00	0.00
23	0.00	---	---	0.02	0.00	0.00	0.00	0.00	0.06	0.54	0.00	0.00
24	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
25	0.00	---	---	0.27	0.00	0.00	0.00	0.00	0.20	0.00	0.01	0.12
26	0.00	---	---	0.00	0.01	0.21	0.01	0.00	0.03	0.09	---	0.94
27	0.00	---	---	0.00	0.00	0.00	0.01	0.00	0.00	0.00	---	0.09
28	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.05	0.00	---	0.00
29	0.00	---	---	0.00	---	0.00	0.00	0.00	0.00	0.00	---	0.00
30	0.00	---	---	0.00	---	0.09	0.35	0.07	0.35	0.00	---	0.00
31	0.00	---	---	0.00	---	2.12	---	0.36	---	0.88	---	---
TOTAL	0.00	---	---	---	2.68	5.84	1.70	1.48	3.08	2.10	---	---

02224100 TURKEY CREEK AT US 441, NEAR DUBLIN, GA

LOCATION.—Lat 32°27'21", long 82°56'32" referenced to North American Datum (NAD) of 1927, Laurens County, Hydrologic Unit 03070102, at US 319 and 441, 5.0 miles south of Dublin.

DRAINAGE AREA.—316 mi².

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.--1929, 1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 175.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--
STAGE: 20.90 feet, March 19, 1929
DISCHARGE: 19,000 ft³/s, March 19, 1929

MAXIMUM FOR CURRENT YEAR.--
STAGE: <10.98 feet, Not determined, peak below bottom of gage
DISCHARGE: **<**1,250 ft³/s, Not determined, peak below bottom of gage

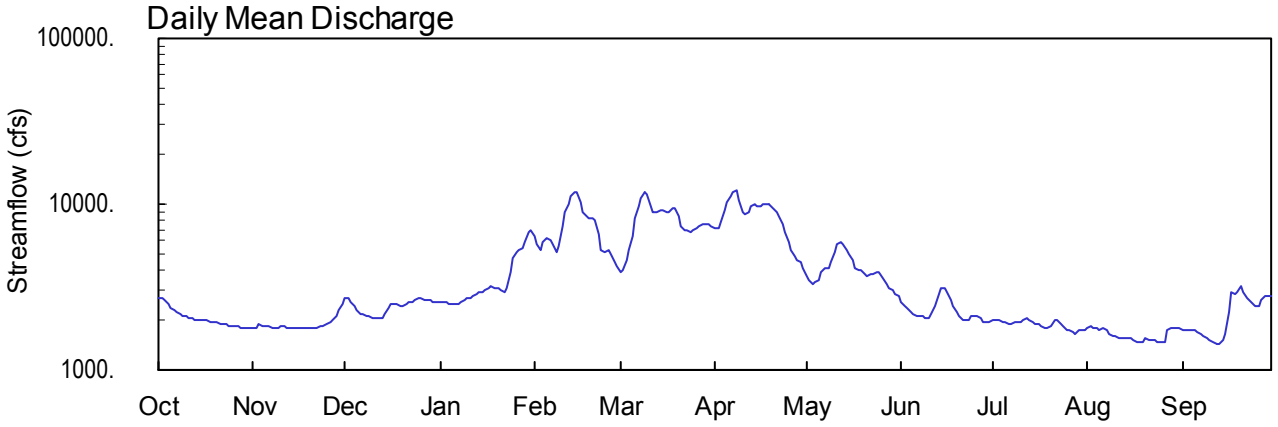
ALTAMAHA RIVER BASIN

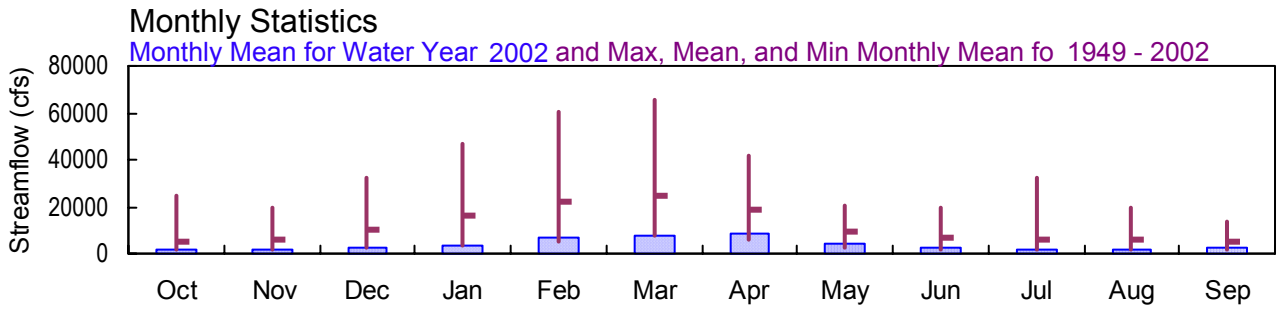
2002 Water Year

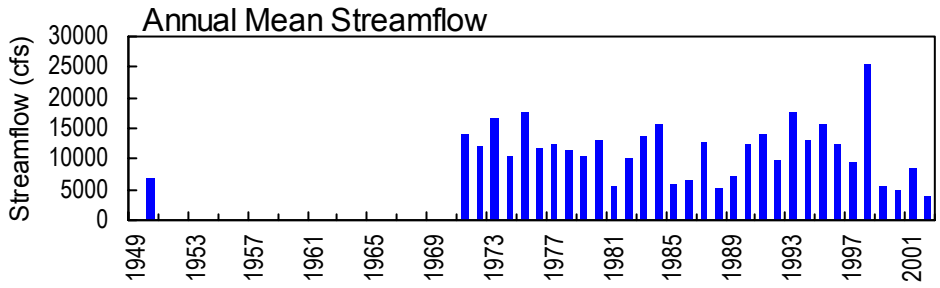
02225000 ALTAMAHA RIVER NEAR BAXLEY, GA

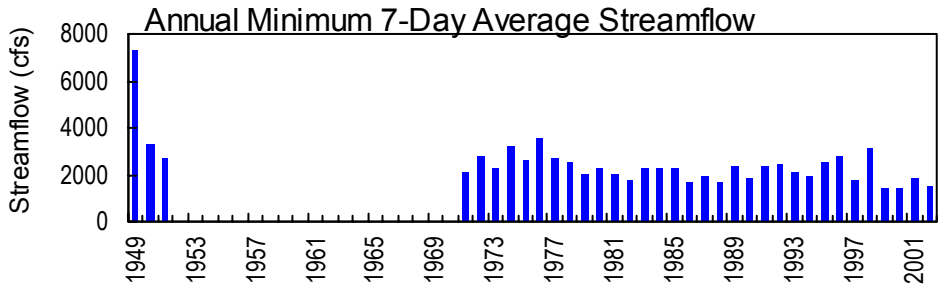
Latitude: 31°56'20" Longitude: 82°21'13" Hydrologic Unit Code: 03070106 Appling County

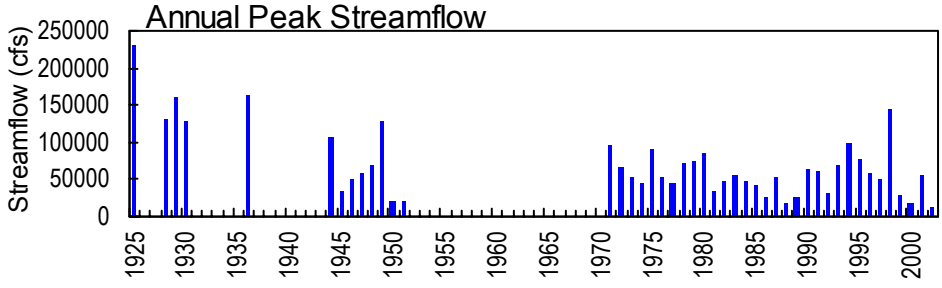
Drainage Area: 11,600. mi^2 Datum: 61.51 feet











USGS
science for a changing world

NO PHOTOS AVAILABLE FOR THIS SITE

ALTAMAHA RIVER BASIN
2002 Water Year

02225000 ALTAMAHA RIVER NEAR BAXLEY, GA

LOCATION.—Lat 31°56'20", long 82°21'13" referenced to North American Datum (NAD) of 1927, Appling-Toombs County line, Hydrologic Unit 03070106, on right bank 400 feet downstream from bridge on U.S. 1, 2.2 miles upstream from Bay Creek, 8.0 miles downstream from Bullards Creek, and 12.0 miles north of Baxley.

DRAINAGE AREA.—11,600 mi^2, approximately.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 1949 to June 1951, October 1970 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 61.51 feet above National Geodetic Vertical Datum (NGVD) of 1929. From August 13, 1949, to June 30, 1951, a non-recording gage was located at site 400.00 feet upstream at same datum.

REMARKS.—Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of December 10, 1948, reached a stage of 25.1 feet, from flood marks, discharge, 130,000 ft^3/s. Flood of January 1925 reached a stage of 30.0 feet, from information furnished by Georgia Department of Transportation.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 25,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 9	2145	12,100*	9.00*

02225000 ALTAMAHA RIVER NEAR BAXLEY, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1949 to June 1951, October 1970 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 61.51 feet above National Geodetic Vertical Datum (NGVD) of 1929. From August 13, 1949, to June 30, 1951, a non-recording gage was located at site 400.00 feet upstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.00 feet, March 9, 10; minimum gage-height recorded, 0.53 feet, September 12, 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—September 6, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02225000 ALTAMAHA RIVER NEAR BAXLEY, GA SOURCE AGENCY USGS STATE 13 COUNTY 001
LATITUDE 315620 LONGITUDE 0822113 NAD27 DRAINAGE AREA 11600.00* CONTRIBUTING DRAINAGE AREA DATUM 61.51 NGVD29
Date Processed: 2003-03-10 10:44 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2720	1770	2700	2550	6450	3940	7070	3710	2580	1980	1770	1760
2	2750	1800	2710	2580	5720	4000	7100	3460	2440	2000	1820	1750
3	2610	1870	2580	2560	5350	4650	7860	3330	2350	2000	1790	1730
4	2470	1840	2420	2510	5880	5260	9140	3350	2260	1970	1770	1720
5	2360	1830	2290	2500	6260	6340	10300	3530	2200	1920	1750	1750
6	2280	1830	2200	2510	6060	8160	11200	3880	2140	1900	1780	1710
7	2220	1810	2150	2510	5670	9710	11800	4170	2140	1910	1750	1660
8	2170	1800	2110	2550	5180	11000	12000	4100	2090	1950	1660	1590
9	2130	1800	2090	2630	5620	11900	10500	4470	2030	1950	1610	1540
10	2090	1820	2080	2690	7460	11600	8960	5150	2040	1950	1590	1500
11	2070	1830	2060	2740	8930	9860	8650	5690	2180	1980	1560	1470
12	2050	1810	2050	2780	10100	8990	8920	5920	2420	2080	1540	1450
13	2020	1800	2080	2880	11100	8890	9720	5680	2860	1980	1550	1450
14	2010	1800	2180	2920	11800	9140	10100	5330	3090	1920	1570	1500
15	2010	1790	2340	2990	11800	9100	9610	5010	3100	1890	1560	1650
16	2000	1780	2480	3060	10200	8970	9680	4630	2960	1880	1510	2220
17	1990	1780	2530	3140	9050	8900	9990	4110	2670	1840	1490	2930
18	1970	1780	2500	3180	8490	9360	10100	4010	2410	1790	1470	2890
19	1950	1780	2430	3160	8160	9560	9940	3960	2230	1770	1480	2950
20	1940	1780	2420	3090	8130	8400	9580	3810	2100	1860	1550	3190
21	1910	1790	2490	3000	8090	7470	9010	3730	2020	1990	1530	2940
22	1890	1810	2540	2940	6570	7030	8390	3780	1990	1980	1510	2730
23	1880	1840	2590	3080	5300	6880	7600	3760	1990	1900	1510	2640
24	1860	1860	2660	3870	5100	6870	6690	3880	2090	1850	1480	2530
25	1840	1900	2690	4770	5230	6960	5910	3890	2140	1760	1460	2420
26	1830	1930	2700	5090	5000	7160	5280	3590	2110	1720	1490	2440
27	1820	1980	2670	5280	4520	7390	4830	3330	2060	1680	1720	2620
28	1800	2110	2620	5360	4180	7510	4600	3160	1960	1670	1800	2760
29	1790	2290	2610	5950	---	7530	4430	3020	1940	1730	1780	2790
30	1780	2530	2600	6750	---	7500	4120	2860	1960	1730	1800	2820
31	1770	---	2560	7000	---	7280	---	2780	---	1740	1780	---
TOTAL	63980	56140	75130	108620	201400	247310	253080	125080	68550	58270	50430	65100
MEAN	2064	1871	2424	3504	7193	7978	8436	4035	2285	1880	1627	2170
MAX	2750	2530	2710	7000	11800	11900	12000	5920	3100	2080	1820	3190
MIN	1770	1770	2050	2500	4180	3940	4120	2780	1940	1670	1460	1450
CFSM	0.18	0.16	0.21	0.30	0.62	0.69	0.73	0.35	0.20	0.16	0.14	0.19
IN.	0.21	0.18	0.24	0.35	0.65	0.79	0.81	0.40	0.22	0.19	0.16	0.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2002, BY WATER YEAR (WY)

MEAN	5356	5795	9963	15790	22090	24620	18590	9484	6732	6060	5827	4684
MAX	24560	19540	31920	46750	60420	65210	41730	20630	19380	32470	19600	13860
(WY)	1995	1998	1998	1998	1998	1998	1975	1975	1973	1994	1994	1949
MIN	1864	1871	2424	3395	4803	7978	5635	2576	1877	1667	1627	1643
(WY)	1982	2002	2002	1981	1989	2002	1986	1986	2000	2000	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1949 - 2002	
ANNUAL TOTAL	2991480		1373090			
ANNUAL MEAN	8196		3762		11290	
HIGHEST ANNUAL MEAN					25530	1998
LOWEST ANNUAL MEAN					3762	2002
HIGHEST DAILY MEAN	55700	Mar 26	12000	Apr 8	142000	Mar 16 1998
LOWEST DAILY MEAN	1770	Oct 31	1450	Sep 12	1450	Aug 29 2000
ANNUAL SEVEN-DAY MINIMUM	1780	Nov 15	1500	Sep 8	1460	Aug 25 2000
MAXIMUM PEAK FLOW			12100	Mar 10	144000	Mar 16 1998
MAXIMUM PEAK STAGE			9.00	Mar 10	24.15	Mar 16 1998
INSTANTANEOUS LOW FLOW					1440	Aug 27 2000
ANNUAL RUNOFF (CFSM)	0.71		0.32		0.97	
ANNUAL RUNOFF (INCHES)	9.59		4.40		13.22	
10 PERCENT EXCEEDS	21200		8890		25800	
50 PERCENT EXCEEDS	4340		2530		6660	
90 PERCENT EXCEEDS	1920		1730		2510	

STATION NUMBER 02225000 ALTAMAHA RIVER NEAR BAXLEY, GA SOURCE AGENCY USGS STATE 13 COUNTY 001
LATITUDE 315620 LONGITUDE 0822113 NAD27 DRAINAGE AREA 11600.00* CONTRIBUTING DRAINAGE AREA DATUM 61.51 NGVD29
Date Processed: 2003-03-10 10:41 By acday
APPROVED
DD #3
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.32	1.13	2.19	2.00	5.56	3.47	6.01	3.25	2.04	1.31	1.03	1.01
2	2.35	1.18	2.19	2.04	4.99	3.52	6.03	2.99	1.88	1.33	1.09	1.00
3	2.19	1.27	2.04	2.02	4.69	4.11	6.56	2.87	1.76	1.34	1.06	0.96
4	2.01	1.23	1.85	1.96	5.12	4.61	7.38	2.89	1.66	1.30	1.02	0.95
5	1.89	1.21	1.70	1.95	5.41	5.47	8.05	3.07	1.58	1.23	0.99	0.99
6	1.79	1.21	1.59	1.95	5.26	6.75	8.52	3.41	1.51	1.20	1.04	0.94
7	1.72	1.19	1.52	1.95	4.95	7.72	8.84	3.68	1.50	1.22	0.99	0.86
8	1.65	1.18	1.48	2.00	4.55	8.41	8.92	3.62	1.45	1.26	0.87	0.77
9	1.61	1.18	1.44	2.09	4.91	8.88	8.16	3.95	1.37	1.27	0.80	0.69
10	1.56	1.20	1.43	2.17	6.28	8.74	7.27	4.52	1.38	1.26	0.76	0.62
11	1.53	1.21	1.42	2.22	7.24	7.81	7.07	4.97	1.56	1.30	0.72	0.58
12	1.51	1.19	1.40	2.27	7.94	7.29	7.24	5.15	1.85	1.43	0.68	0.55
13	1.47	1.18	1.43	2.39	8.47	7.23	7.73	4.96	2.36	1.31	0.70	0.55
14	1.46	1.17	1.56	2.43	8.83	7.38	7.94	4.67	2.62	1.23	0.73	0.62
15	1.45	1.16	1.75	2.50	8.83	7.36	7.67	4.41	2.63	1.18	0.73	0.84
16	1.44	1.14	1.92	2.59	8.02	7.28	7.71	4.09	2.46	1.17	0.65	1.58
17	1.43	1.14	1.98	2.67	7.32	7.24	7.89	3.63	2.14	1.12	0.61	2.40
18	1.41	1.15	1.94	2.71	6.97	7.51	7.93	3.53	1.84	1.06	0.58	2.34
19	1.38	1.15	1.86	2.69	6.76	7.64	7.87	3.49	1.62	1.02	0.60	2.39
20	1.36	1.15	1.85	2.61	6.74	6.91	7.65	3.35	1.47	1.14	0.70	2.65
21	1.33	1.16	1.93	2.51	6.71	6.29	7.30	3.27	1.36	1.32	0.68	2.35
22	1.29	1.18	1.99	2.45	5.64	5.98	6.90	3.32	1.32	1.31	0.65	2.11
23	1.28	1.20	2.05	2.60	4.65	5.87	6.38	3.30	1.32	1.20	0.64	1.98
24	1.26	1.23	2.13	3.40	4.48	5.87	5.73	3.41	1.44	1.13	0.60	1.84
25	1.23	1.27	2.17	4.21	4.59	5.93	5.14	3.42	1.51	1.01	0.57	1.70
26	1.21	1.30	2.18	4.47	4.40	6.08	4.64	3.13	1.47	0.95	0.62	1.71
27	1.20	1.35	2.14	4.63	3.99	6.24	4.26	2.87	1.41	0.89	0.94	1.91
28	1.18	1.51	2.08	4.70	3.69	6.32	4.06	2.69	1.28	0.88	1.06	2.05
29	1.17	1.73	2.07	5.17	---	6.33	3.92	2.54	1.25	0.96	1.03	2.07
30	1.14	2.00	2.06	5.78	---	6.31	3.64	2.36	1.28	0.96	1.06	2.09
31	1.13	---	2.02	5.96	---	6.16	---	2.27	---	0.98	1.03	---
MEAN	1.51	1.25	1.85	2.94	5.96	6.54	6.81	3.52	1.68	1.17	0.81	1.44
MAX	2.35	2.00	2.19	5.96	8.83	8.88	8.92	5.15	2.63	1.43	1.09	2.65
MIN	1.13	1.13	1.40	1.95	3.69	3.47	3.64	2.27	1.25	0.88	0.57	0.55

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02225000 ALTAMAHA RIVER NEAR BAXLEY, GA SOURCE AGENCY USGS STATE 13 COUNTY 001
LATITUDE 315620 LONGITUDE 0822113 NAD27 DRAINAGE AREA 11600.00* CONTRIBUTING DRAINAGE AREA DATUM 61.51 NGVD29
Date Processed: 2003-03-10 10:41 By acday
APPROVED
DD #13

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.08	0.00	0.83	0.00	1.45	0.00	0.00	0.00	0.00	0.12	0.00
3	0.00	0.00	0.00	0.02	0.00	1.03	0.00	0.00	0.05	0.19	0.00	0.01
4	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
5	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.26	0.00	0.00	0.26	0.78	0.00	0.00	0.00	0.45	0.63	0.00	0.16
7	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.35	0.06	0.00	0.00
8	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.66	0.00	0.00
10	0.00	0.00	0.07	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.00
11	0.03	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	1.20	0.00	0.00
12	0.00	0.00	0.01	1.12	0.00	0.80	0.05	0.00	0.00	0.02	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.57	0.00	1.23	1.95	0.06
14	0.08	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	2.03	1.48
15	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.75
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
17	0.00	0.00	0.14	0.00	0.00	0.00	0.86	0.03	0.00	0.01	0.57	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	0.01	0.00	0.05	0.87
19	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.57	0.00	0.02
21	0.00	0.00	0.00	0.05	0.00	0.89	0.00	0.00	0.10	0.25	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	0.00	0.00	0.00
23	0.00	0.36	0.01	0.01	0.00	0.00	0.00	0.00	0.34	0.02	0.00	0.00
24	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00
25	0.00	0.50	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.28	0.12	0.33
26	0.00	0.00	0.00	0.00	0.00	0.71	0.19	0.00	0.02	0.00	0.65	0.70
27	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.20	1.64	0.21
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.01	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.11	0.00	1.13	0.01
30	0.00	0.00	0.00	0.00	---	0.00	0.09	0.00	0.00	0.00	0.70	0.00
31	0.00	---	0.00	0.00	---	0.76	---	1.09	---	0.14	0.76	---
TOTAL	0.40	1.02	0.31	2.91	1.81	5.71	2.17	2.94	2.82	6.30	10.46	4.61

ALTAMAHA RIVER BASIN
2002 Water Year

02225250 LITTLE OHOOPEE RIVER AT US 80, NEAR SWAINSBORO, GA

LOCATION.—Lat 32°33'44", long 82°28'03" referenced to North American Datum (NAD) of 1927, Emanuel County, Hydrologic Unit 03070107, at US 80, 9.0 miles west of Swainsboro.

DRAINAGE AREA.—216 mi².

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1925, 1929, 1970, 1972, 1980 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 184.12 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--

STAGE: 13.40 feet, October 13, 1990
DISCHARGE: 15,800 ft³/s, October 13, 1990

MAXIMUM FOR CURRENT YEAR.--

STAGE: <6.91 feet, Not determined, peak below bottom of gage
DISCHARGE: <2,240 ft³/s, Not determined, peak below bottom of gage

ALTAMAHA RIVER BASIN
2002 Water Year

02225330 BEAVER CREEK NEAR COBBTOWN, GA

LOCATION.—Lat 32°16'52", long 81°11'27" referenced to North American Datum (NAD) of 1927, Tattnall County, Hydrologic Unit 03070107, at culvert on GA 152, 3.2 miles west of Cobbtown.

DRAINAGE AREA.—9.58 mi².

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1965 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 150.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--
STAGE: 8.04 feet, August 24, 1991
DISCHARGE: 2,030 ft³/s, August 24, 1991

MAXIMUM FOR CURRENT YEAR.--
STAGE: 2.66 feet, September 14
DISCHARGE: 56.4 ft³/s, September 14

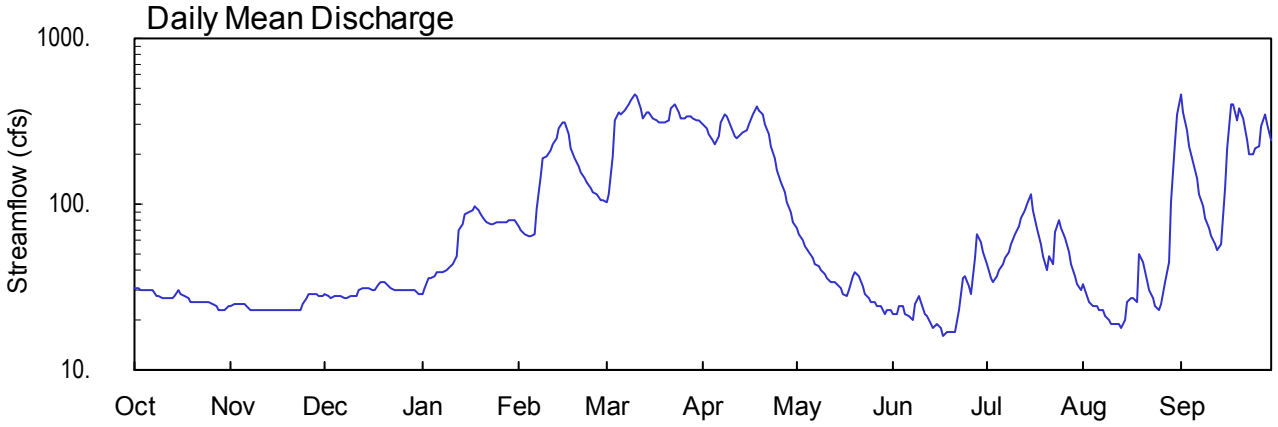
ALTAMAHA RIVER BASIN

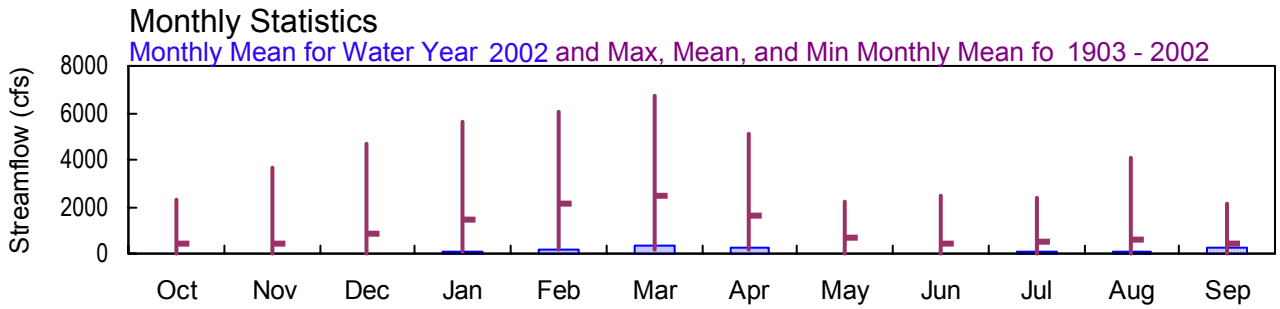
2002 Water Year

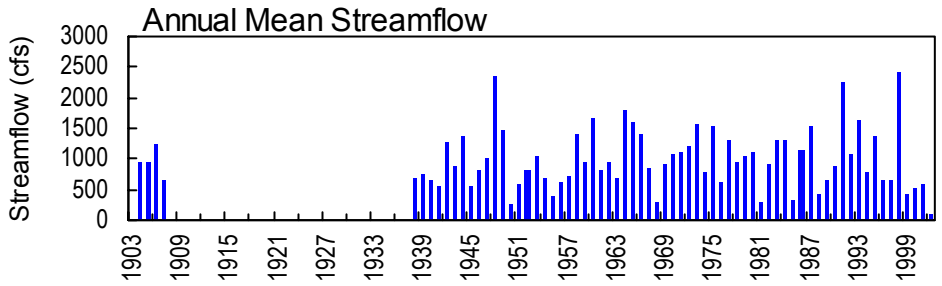
02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA

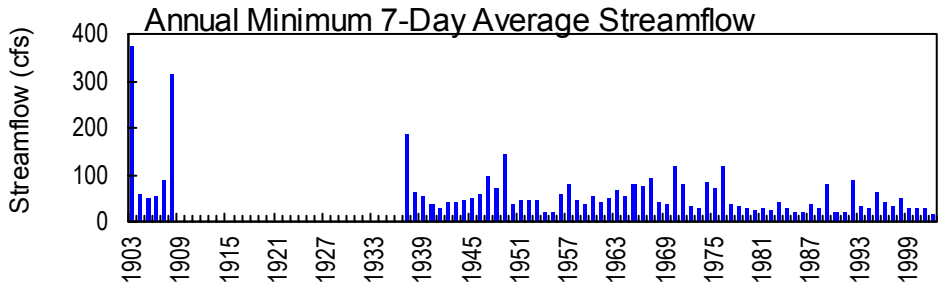
Latitude: 32°04'42" Longitude: 82°10'39" Hydrologic Unit Code: 03070107 Tattnall County

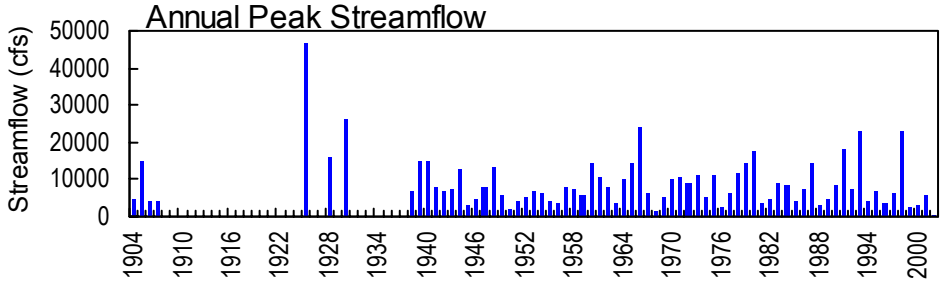
Drainage Area: 1,110. mi^2 Datum: 73.80 feet

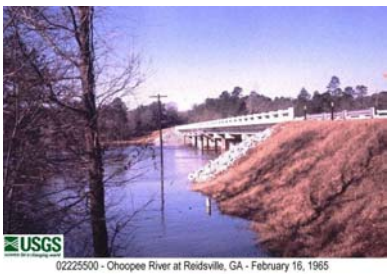












ALTAMAHA RIVER BASIN
2002 Water Year

02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA

LOCATION.—Lat 32°04'42", long 82°10'39" referenced to North American Datum (NAD) of 1927, Tattnall County, Hydrologic Unit 03070107, on downstream side of pier near center span of bridge on GA 56, 0.5 miles downstream from Brazells Creek, 1.5 miles downstream from Rocky Creek, 3.5 miles west of Reidsville, 6.0 miles downstream from Pendleton Creek, and 14.0 miles upstream from mouth.

DRAINAGE AREA.—1,110 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1903 to December 1907, April 1937 to current year. Monthly discharge only for April to June 1903, April to May 1937, published in WSP 1304.

REVISED RECORDS.—WSP 822: Drainage area. WSP 892: 1938(M). WSP 1504: 1905. WDR GA-84-1: 1983.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 73.8 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). Prior to February 15, 1941, a non-recording gage was located at same site, at different datum June 13, 1903, to December 31, 1907, and at same datum May 25, 1937, to February 15, 1941.

REMARKS.—Records good, except for period of estimated discharge, which is fair.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known, 28.4 feet in January 1925, from information furnished by Georgia Department of Transportation; discharge, 47,000 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Sep. 1	0830	482*	4.57*

02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1903 to December 1907, April 1937 to current year. Monthly discharge only for April to June 1903, April to May 1937, published in WSP 1304.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 73.8 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). Prior to February 15, 1941, a non-recording gage was located at same site, at different datum June 13, 1903, to December 31, 1907, and at same datum May 25, 1937, to February 15, 1941.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 4.57 feet, September 1; minimum gage-height recorded, 0.43 feet, June 17, 18.

STATION NUMBER 02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 267
LATITUDE 320442 LONGITUDE 0821039 NAD27 DRAINAGE AREA 1110 CONTRIBUTING DRAINAGE AREA 1110* DATUM 73.80 NGVD29
Date Processed: 2003-03-10 11:02 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	24	29	29	74	102	305	71	22	44	33	461
2	31	25	28	31	69	116	285	66	22	36	28	355
3	30	25	27	36	66	194	263	60	24	34	26	276
4	30	25	28	36	65	325	242	56	24	37	24	223
5	30	25	28	37	65	360	233	51	22	e40	24	178
6	30	24	28	39	66	350	259	47	21	e43	23	143
7	30	23	27	39	94	368	312	44	20	e47	23	116
8	28	23	27	39	149	397	352	42	25	e52	21	96
9	28	23	28	40	191	427	340	40	28	e58	20	82
10	27	23	28	42	193	457	294	38	26	e66	19	71
11	27	23	28	44	209	443	260	36	22	e74	19	64
12	27	23	30	49	228	376	253	34	21	e82	19	57
13	27	23	31	69	251	326	262	34	19	e91	18	53
14	28	23	31	76	285	358	271	33	18	e101	20	58
15	30	23	31	88	315	363	280	31	19	115	26	125
16	29	23	30	89	308	326	307	29	18	91	27	217
17	28	23	30	93	262	319	350	28	16	71	27	397
18	27	23	33	97	219	316	387	30	17	58	26	396
19	26	23	34	93	189	316	373	37	17	48	50	320
20	26	23	34	88	169	313	344	39	17	40	45	381
21	26	23	33	81	155	320	306	37	17	48	35	334
22	26	23	31	77	143	376	265	32	23	43	30	242
23	26	23	30	76	134	400	223	29	36	68	27	199
24	26	25	30	76	126	358	187	27	37	80	24	201
25	26	27	30	77	119	328	160	26	32	72	23	216
26	25	29	30	77	114	328	137	26	29	63	25	225
27	24	29	30	77	107	341	118	24	47	51	34	292
28	23	29	30	78	105	338	103	24	66	44	45	345
29	23	28	30	81	---	331	89	22	59	37	104	301
30	23	28	30	81	---	325	78	23	52	33	234	240
31	24	---	29	79	---	321	---	23	---	30	352	---
TOTAL	842	734	923	2014	4470	10318	7638	1139	816	1797	1451	6664
MEAN	27.2	24.5	29.8	65.0	160	333	255	36.7	27.2	58.0	46.8	222
MAX	31	29	34	97	315	457	387	71	66	115	352	461
MIN	23	23	27	29	65	102	78	22	16	30	18	53
CFSM	0.02	0.02	0.03	0.06	0.14	0.30	0.23	0.03	0.02	0.05	0.04	0.20
IN.	0.03	0.02	0.03	0.07	0.15	0.35	0.26	0.04	0.03	0.06	0.05	0.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1903 - 2002, BY WATER YEAR (WY)

MEAN	445	385	847	1488	2169	2455	1637	674	460	483	574	423
MAX	2325	3638	4674	5618	6017	6693	5120	2220	2215	2386	4069	2128
(WY)	1991	1948	1948	1987	1998	1966	1944	1964	1906	1941	1991	1949
MIN	20.8	24.5	29.8	65.0	154	176	166	36.7	27.2	27.1	30.5	23.0
(WY)	1955	2002	2002	2002	1950	1938	1968	2002	2002	1986	1954	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1903 - 2002	
ANNUAL TOTAL	193891		38806			
ANNUAL MEAN	531		106		988	
HIGHEST ANNUAL MEAN					2415	1998
LOWEST ANNUAL MEAN					106	2002
HIGHEST DAILY MEAN	5530	Mar 22	461	Sep 1	23600	Mar 6 1966
LOWEST DAILY MEAN	23	Oct 28	16	Jun 17	16	Jun 17 2002
ANNUAL SEVEN-DAY MINIMUM	23	Nov 7	17	Jun 15	17	Jun 15 2002
MAXIMUM PEAK FLOW			482	Sep 1	24400	Mar 6 1966
MAXIMUM PEAK STAGE			4.57	Sep 1	23.34	Mar 6 1966
INSTANTANEOUS LOW FLOW					19	Sep 12 1954
ANNUAL RUNOFF (CFSM)	0.48		0.096		0.89	
ANNUAL RUNOFF (INCHES)	6.50		1.30		12.09	
10 PERCENT EXCEEDS	1580		323		2700	
50 PERCENT EXCEEDS	113		40		382	
90 PERCENT EXCEEDS	26		23		57	

e Estimated

STATION NUMBER 02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 267
LATITUDE 320442 LONGITUDE 0821039 NAD27 DRAINAGE AREA 1110.00* CONTRIBUTING DRAINAGE AREA DATUM 73.80 NGVD29
Date Processed: 2003-03-10 10:45 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.77	0.64	0.73	0.73	1.37	1.64	3.47	1.30	0.55	0.93	0.75	4.45
2	0.76	0.65	0.71	0.76	1.31	1.78	3.30	1.23	0.54	0.81	0.68	3.79
3	0.74	0.65	0.70	0.84	1.28	2.52	3.13	1.16	0.59	0.78	0.63	3.24
4	0.74	0.66	0.71	0.84	1.26	3.59	2.96	1.10	0.60	0.83	0.60	2.80
5	0.74	0.65	0.72	0.86	1.26	3.83	2.89	1.03	0.56	---	0.60	2.39
6	0.74	0.63	0.72	0.90	1.27	3.77	3.10	0.98	0.53	---	0.58	2.05
7	0.74	0.61	0.70	0.90	1.59	3.88	3.51	0.93	0.52	---	0.56	1.79
8	0.72	0.62	0.70	0.89	2.13	4.06	3.78	0.90	0.61	---	0.54	1.58
9	0.71	0.62	0.71	0.91	2.49	4.24	3.70	0.87	0.67	---	0.51	1.42
10	0.70	0.62	0.71	0.94	2.51	4.42	3.37	0.84	0.63	---	0.50	1.30
11	0.70	0.62	0.71	0.96	2.63	4.34	3.11	0.80	0.56	---	0.49	1.20
12	0.70	0.62	0.75	1.04	2.78	3.93	3.06	0.78	0.52	---	0.49	1.12
13	0.69	0.61	0.77	1.30	2.95	3.61	3.12	0.77	0.50	---	0.48	1.06
14	0.70	0.62	0.76	1.39	3.19	3.82	3.20	0.75	0.48	---	0.51	1.12
15	0.74	0.62	0.76	1.53	3.40	3.85	3.27	0.72	0.49	1.78	0.63	1.87
16	0.73	0.62	0.74	1.54	3.36	3.61	3.47	0.69	0.47	1.52	0.66	2.72
17	0.70	0.61	0.75	1.59	3.04	3.56	3.77	0.68	0.44	1.30	0.66	4.06
18	0.69	0.61	0.79	1.63	2.72	3.54	4.00	0.71	0.44	1.13	0.64	4.05
19	0.68	0.61	0.81	1.59	2.48	3.54	3.91	0.83	0.46	0.99	1.02	3.57
20	0.67	0.62	0.81	1.53	2.31	3.52	3.73	0.86	0.45	0.87	0.95	3.96
21	0.67	0.61	0.79	1.45	2.18	3.57	3.46	0.82	0.46	0.98	0.79	3.65
22	0.67	0.62	0.76	1.40	2.07	3.93	3.15	0.74	0.58	0.92	0.72	2.96
23	0.68	0.63	0.75	1.39	1.98	4.08	2.80	0.69	0.81	1.25	0.64	2.59
24	0.68	0.67	0.75	1.39	1.90	3.82	2.47	0.65	0.82	1.41	0.60	2.60
25	0.68	0.70	0.74	1.40	1.83	3.62	2.22	0.63	0.73	1.31	0.57	2.74
26	0.65	0.73	0.75	1.41	1.78	3.62	1.99	0.62	0.69	1.20	0.61	2.81
27	0.63	0.73	0.75	1.41	1.71	3.71	1.81	0.60	0.96	1.03	0.78	3.36
28	0.62	0.73	0.75	1.42	1.68	3.69	1.65	0.58	1.23	0.92	0.95	3.73
29	0.62	0.71	0.75	1.46	---	3.64	1.50	0.56	1.14	0.83	1.65	3.43
30	0.62	0.71	0.74	1.46	---	3.60	1.37	0.57	1.04	0.76	2.88	2.95
31	0.63	---	0.73	1.43	---	3.58	---	0.57	---	0.71	3.78	---
MEAN	0.69	0.65	0.74	1.24	2.16	3.61	3.01	0.81	0.64	---	0.85	2.68
MAX	0.77	0.73	0.81	1.63	3.40	4.42	4.00	1.30	1.23	---	3.78	4.45
MIN	0.62	0.61	0.70	0.73	1.26	1.64	1.37	0.56	0.44	---	0.48	1.06

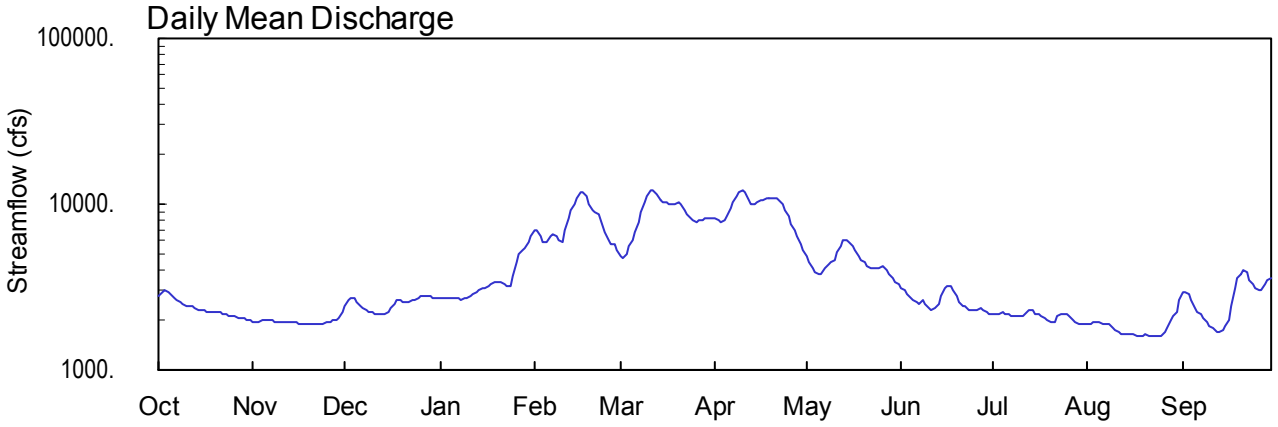
ALTAMAHA RIVER BASIN

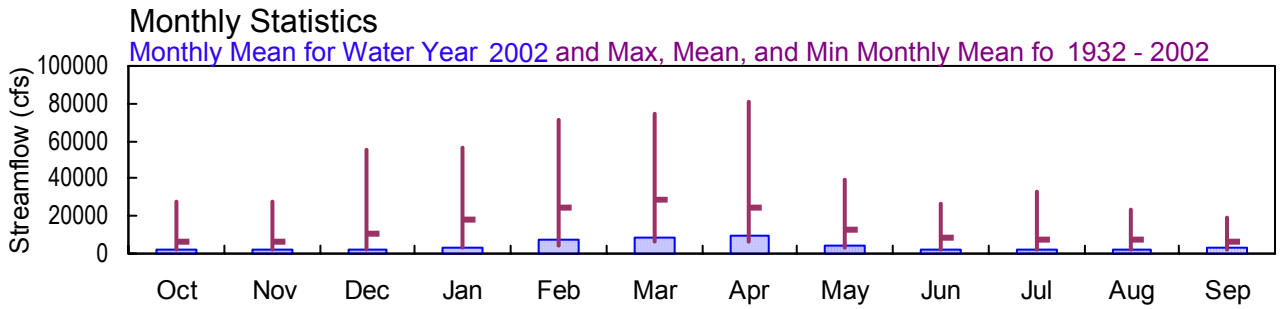
2002 Water Year

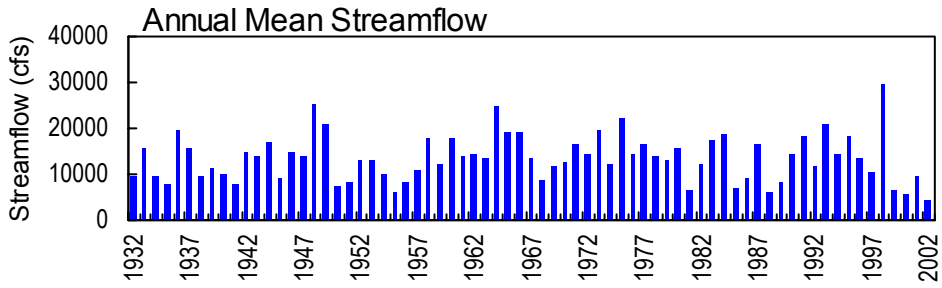
02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA

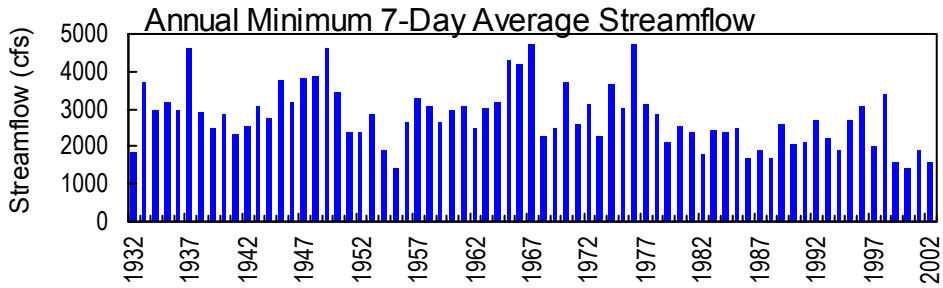
Latitude: 31°39'16" Longitude: 81°49'41" Hydrologic Unit Code: 03070106 Wayne County

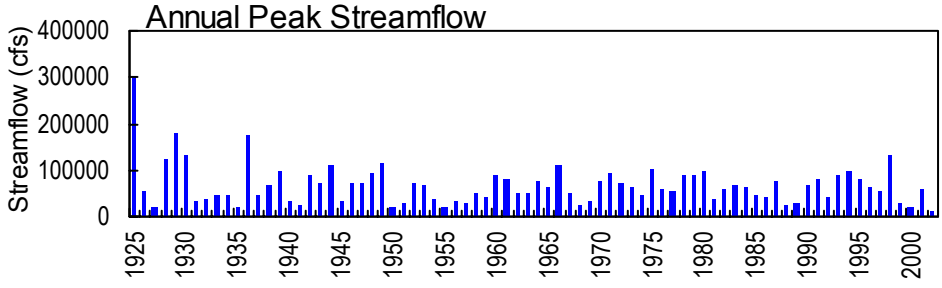
Drainage Area: 13,600. mi^2 Datum: 24.48 feet











ALTAMAHA RIVER BASIN
2002 Water Year

02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA

LOCATION.—Lat 31°39'16", long 81°49'41" referenced to North American Datum (NAD) of 1927, Wayne-Long County line, Hydrologic Unit 03070106, on right bank 60.0 feet downstream from Seaboard Coast Line Railroad bridge at Doctortown, 4.5 miles northeast of Jesup, and at mile 64.5.

DRAINAGE AREA.—13,600 mi^2, approximately.

COOPERATION.—USGS National Streamflow Information Program (NSIP).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1931 to current year. Gage-heights collected at same site since 1925 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 822: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 24.48 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to September 5, 1934, a non-recording gage was installed, and from September 5, 1934 to September 30, 1975, a water-stage recorder was located at same site at datum 4.0 feet higher.

REMARKS.—Records good, except for those periods of estimated discharge, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1800, 18.6 feet, at present datum, on January 23, 1925, with a discharge of 300,000 ft^3/s taken from a rating curve extended above 180,000 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 30,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr. 11	0000	12,300*	8.82*

02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1931 to current year. Gage-heights collected at same site since 1925 are contained in reports of National Weather Service.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 24.48 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to September 5, 1934, a non-recording gage was installed, and from September 5, 1934 to September 30, 1975, a water-stage recorder was located at same site at datum 4.0 feet higher.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.82 feet, April 11; minimum gage-height recorded, 1.36 feet, August 13, 15, but may have been lower during periods of missing record.

STATION NUMBER 02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA SOURCE AGENCY USGS STATE 13 COUNTY 305
LATITUDE 313916 LONGITUDE 0814941 NAD27 DRAINAGE AREA 13600.00 CONTRIBUTING DRAINAGE AREA 13600* DATUM 24.48 NGVD29
Date Processed: 2003-03-10 11:03 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2830	1970	2410	2700	6920	4900	8220	4870	3150	2190	1900	2930
2	2960	1960	2620	2720	6910	4730	8030	4470	3010	2190	1910	2940
3	3040	1960	2730	2740	6470	5060	7840	4120	2840	2200	1930	2850
4	2990	2020	2700	2750	5960	5510	7960	3890	2710	2220	1930	2610
5	2860	2020	2590	2700	5980	6010	8540	3790	2610	2190	1930	2380
6	2740	1980	2460	2690	6360	6740	9330	3840	2550	2150	1880	2240
7	2650	1980	2360	2680	6590	7890	10300	4060	2520	2120	1890	2150
8	2570	1970	2290	2670	6400	9030	11100	4360	2650	2110	1870	2040
9	2500	1950	2260	2680	5990	10200	11700	4460	2480	2120	1800	1940
10	2440	1950	2210	2730	5970	11300	12100	4610	2370	2120	1730	1840
11	2420	1950	2180	2800	6930	12000	11900	5100	2320	2120	1680	1770
12	2400	1950	2180	2840	8150	12100	10700	5620	2370	2240	e1640	1710
13	2360	1930	2160	2960	9090	11400	9900	5990	2510	2310	1670	1700
14	2330	1920	2170	3030	10100	10600	9870	6110	2800	2270	1650	1750
15	2310	1920	2230	3100	11000	10200	10400	5850	3100	2200	1640	1860
16	2280	1910	2350	3150	11700	10200	10700	5550	3230	2150	e1630	2010
17	2260	1900	2490	3220	11800	10100	10600	5230	3200	2110	e1600	2440
18	2260	1890	2610	3310	11100	9920	10800	4830	3020	2060	e1610	3150
19	2240	1880	2630	3370	10100	9930	10900	4630	2760	1990	e1620	3580
20	2220	1880	2590	3410	9260	10200	10900	4460	2560	1930	e1630	3780
21	2210	1880	2550	3360	8910	10100	10900	4280	2420	1960	e1620	3980
22	2190	1870	2570	3270	8760	9250	10500	4160	2400	2100	e1620	3870
23	2150	1890	2620	3180	8120	8600	9950	4110	2310	2190	e1610	3530
24	2130	1910	2670	3200	6790	8170	9160	4100	2270	2160	e1610	3260
25	2120	1930	2720	3650	6000	7960	e8440	4150	2290	2160	e1620	3120
26	2090	1970	2770	4480	5810	7840	e7670	4210	2330	2100	e1690	3030
27	2060	1990	2800	5010	5670	7900	e7050	4040	2350	2000	1790	3030
28	2040	2010	2790	5350	5310	8010	e6370	3790	2300	1950	1980	3270
29	2030	2070	2760	5500	---	8150	e5770	3580	2230	1890	2110	3520
30	2010	2210	2730	5850	---	8240	e5350	3420	2190	1880	2210	3560
31	1980	---	2720	6450	---	8260	---	3270	---	1900	2640	---
TOTAL	73670	58620	77920	107550	218150	270500	282950	138950	77850	65280	55640	81840
MEAN	2376	1954	2514	3469	7791	8726	9432	4482	2595	2106	1795	2728
MAX	3040	2210	2800	6450	11800	12100	12100	6110	3230	2310	2640	3980
MIN	1980	1870	2160	2670	5310	4730	5350	3270	2190	1880	1600	1700
CFSM	0.17	0.14	0.18	0.26	0.57	0.64	0.69	0.33	0.19	0.15	0.13	0.20
IN.	0.20	0.16	0.21	0.29	0.60	0.74	0.77	0.38	0.21	0.18	0.15	0.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2002, BY WATER YEAR (WY)

MEAN	6178	6127	11000	18290	24740	29240	24960	12670	8520	7567	7457	5973
MAX	27680	27850	55570	56050	70970	74520	80960	39850	26650	33290	23090	18630
(WY)	1995	1948	1949	1998	1998	1998	1936	1964	1966	1994	1964	1949
MIN	1748	1789	2514	3469	4512	6795	6191	2991	1940	1736	1773	1874
(WY)	1955	1955	2002	2002	1989	1938	1985	1986	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1932 - 2002	
ANNUAL TOTAL	3360920		1508920			
ANNUAL MEAN	9208		4134		13500	
HIGHEST ANNUAL MEAN					29390	1998
LOWEST ANNUAL MEAN					4134	2002
HIGHEST DAILY MEAN	59400	Mar 28	12100	Mar 12	178000	Apr 18 1936
LOWEST DAILY MEAN	1870	Nov 22	1600	Aug 17	1410	Aug 30 2000
ANNUAL SEVEN-DAY MINIMUM	1880	Nov 17	1620	Aug 17	1440	Aug 26 2000
MAXIMUM PEAK FLOW			12300	Apr 11	178000	Apr 18 1936
MAXIMUM PEAK STAGE			8.82	Apr 11	16.03	Apr 18 1936
INSTANTANEOUS LOW FLOW					1400	Aug 30 2000
ANNUAL RUNOFF (CFSM)	0.68		0.30		0.99	
ANNUAL RUNOFF (INCHES)	9.19		4.13		13.49	
10 PERCENT EXCEEDS	22300		9550		31400	
50 PERCENT EXCEEDS	5430		2720		8060	
90 PERCENT EXCEEDS	2130		1900		3130	

e Estimated

STATION NUMBER 02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA SOURCE AGENCY USGS STATE 13 COUNTY 305
LATITUDE 313916 LONGITUDE 0814941 NAD27 DRAINAGE AREA 13600.00 CONTRIBUTING DRAINAGE AREA 13600* DATUM 24.48 NGVD29
Date Processed: 2003-03-10 11:03 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.91	1.82	2.39	2.76	6.87	5.17	7.55	5.14	3.30	2.12	1.72	3.03
2	3.07	1.81	2.65	2.77	6.86	5.00	7.46	4.74	3.13	2.12	1.73	3.05
3	3.17	1.82	2.79	2.81	6.52	5.31	7.37	4.38	2.92	2.13	1.77	2.93
4	3.11	1.89	2.75	2.81	6.12	5.73	7.43	4.14	2.77	2.15	1.77	2.64
5	2.95	1.89	2.61	2.76	6.14	6.17	7.70	4.03	2.64	2.12	1.77	2.35
6	2.80	1.84	2.45	2.74	6.44	6.72	8.03	4.08	2.56	2.07	1.71	2.18
7	2.69	1.83	2.33	2.73	6.62	7.39	8.30	4.32	2.52	2.03	1.71	2.06
8	2.58	1.82	2.24	2.71	6.47	7.91	8.51	4.63	2.68	2.01	1.69	1.92
9	2.50	1.80	2.20	2.73	6.15	8.29	8.68	4.73	2.48	2.03	1.59	1.78
10	2.43	1.79	2.14	2.79	6.14	8.56	8.76	4.88	2.33	2.03	1.49	1.65
11	2.40	1.80	2.10	2.87	6.85	8.75	8.72	5.35	2.28	2.03	1.41	1.54
12	2.37	1.80	2.10	2.93	7.52	8.76	8.42	5.84	2.34	2.18	---	1.46
13	2.33	1.77	2.08	3.08	7.94	8.61	8.20	6.16	2.52	2.26	1.40	1.45
14	2.29	1.76	2.09	3.15	8.26	8.38	8.19	6.25	2.88	2.21	1.38	1.51
15	2.27	1.75	2.17	3.23	8.49	8.28	8.32	6.04	3.24	2.13	1.36	1.65
16	2.23	1.74	2.31	3.30	8.66	8.27	8.40	5.77	3.39	2.07	---	1.85
17	2.21	1.73	2.49	3.38	8.70	8.25	8.38	5.48	3.36	2.01	---	2.39
18	2.20	1.71	2.64	3.48	8.53	8.20	8.43	5.09	3.14	1.94	---	3.25
19	2.17	1.70	2.66	3.55	8.25	8.21	8.47	4.90	2.83	1.85	---	3.73
20	2.15	1.70	2.61	3.60	8.01	8.28	8.48	4.73	2.58	1.77	---	3.95
21	2.14	1.70	2.56	3.54	7.87	8.26	8.46	4.55	2.41	1.81	---	4.15
22	2.11	1.69	2.59	3.44	7.80	8.00	8.37	4.42	2.37	2.00	---	4.03
23	2.07	1.71	2.66	3.33	7.50	7.73	8.21	4.37	2.27	2.11	---	3.64
24	2.04	1.75	2.71	3.36	6.76	7.53	7.97	4.36	2.21	2.07	---	3.32
25	2.02	1.77	2.77	3.87	6.16	7.43	---	4.41	2.23	2.07	---	3.14
26	1.99	1.82	2.84	4.75	6.01	7.37	---	4.47	2.29	1.99	---	3.02
27	1.94	1.85	2.88	5.27	5.88	7.40	---	4.30	2.31	1.86	1.57	3.02
28	1.92	1.88	2.87	5.58	5.55	7.45	---	4.03	2.26	1.79	1.83	3.29
29	1.90	1.96	2.83	5.73	---	7.52	---	3.80	2.17	1.71	2.01	3.57
30	1.87	2.14	2.79	6.03	---	7.56	---	3.62	2.11	1.70	2.14	3.60
31	1.84	---	2.78	6.51	---	7.57	---	3.44	---	1.72	2.68	---
MEAN	2.34	1.80	2.52	3.60	7.11	7.55	---	4.72	2.62	2.00	---	2.71
MAX	3.17	2.14	2.88	6.51	8.70	8.76	---	6.25	3.39	2.26	---	4.15
MIN	1.84	1.69	2.08	2.71	5.55	5.00	---	3.44	2.11	1.70	---	1.45

BRUNSWICK RIVER BASIN
2002 Water Year

02226178 EAST RIVER AT MAYORS POINT TERMINAL, AT BRUNSWICK, GA

LOCATION.—Lat 31°08'38", long 81°29'49" referenced to North American Datum (NAD) of 1927, Glynn County, Hydrologic Unit 03070203, at Georgia Ports Authority's Mayors Point Terminal Dock, 1.2 miles upstream of the Brunswick River, and 0.4 miles southwest of the Brunswick Post Office.

DRAINAGE AREA.—Undetermined.

COOPERATION.—Georgia Department of Natural Resources (DNR), Coastal Resources Division.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1988 to current year.

GAGE.—Water-stage recorder. Datum of gage is National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records good.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height recorded, 7.37 feet, February 7, 1993; minimum gage-height recorded, –8.29 feet, March 13,1993.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.21 feet, August 7; minimum gage-height recorded, –5.85 feet, February 27, 28.

STATION NUMBER 02226178 EAST RIVER AT MAYORS PT TERMINAL, AT BRUNSWICK, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 127
LATITUDE 310838 LONGITUDE 0812949 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:21 By bemccall
APPROVED
DD #1

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	4.58	-2.34	4.51	-3.29	4.49	-4.01	4.52	-4.86	4.32	-5.07	4.83	-5.35
2	4.62	-2.60	4.41	-3.38	4.62	-4.05	5.40	-3.97	4.03	-4.70	4.92	-4.61
3	4.60	-2.88	4.47	-3.53	5.02	-3.59	4.51	-5.08	4.38	-3.18	4.20	-4.94
4	4.54	-2.79	4.53	-3.39	4.96	-3.26	4.07	-4.00	3.98	-4.21	3.96	-4.97
5	4.41	-3.08	5.22	-2.07	4.82	-3.35	3.99	-3.70	4.01	-3.04	3.25	-3.75
6	4.16	-3.16	4.83	-2.30	4.39	-3.36	3.89	-4.86	4.14	-2.86	3.38	-3.06
7	4.47	-2.75	4.32	-2.92	4.21	-3.30	2.57	-4.82	3.72	-4.61	3.34	-3.07
8	4.81	-1.81	4.20	-3.10	4.18	-3.34	2.92	-4.77	3.40	-4.52	3.51	-2.89
9	4.86	-1.20	4.15	-3.08	3.94	-3.45	3.29	-5.05	4.05	-3.42	3.50	-3.51
10	4.74	-1.91	4.38	-3.24	4.70	-3.42	3.14	-5.05	4.13	-3.44	3.37	-3.64
11	4.64	-2.35	4.41	-3.91	4.81	-3.80	3.39	-5.13	3.42	-4.07	3.82	-3.46
12	4.66	-2.92	5.37	-3.88	4.78	-3.89	3.78	-5.01	3.82	-4.02	4.04	-3.33
13	5.16	-3.00	5.77	-2.88	4.98	-4.03	3.48	-4.97	3.67	-4.03	3.74	-3.90
14	5.05	-3.66	5.88	-3.18	4.71	-4.12	3.80	-4.47	4.01	-3.67	3.59	-4.20
15	5.57	-4.03	6.13	-2.93	4.33	-4.27	3.66	-4.20	3.98	-3.09	3.59	-4.16
16	5.63	-3.98	5.81	-3.18	4.62	-3.38	3.29	-4.02	3.31	-3.61	3.40	-4.34
17	5.75	-4.50	5.11	-3.31	4.31	-3.20	3.08	-3.99	2.86	-3.75	3.52	-4.02
18	5.74	-3.76	4.75	-3.14	3.32	-4.03	2.61	-3.67	3.13	-2.78	3.46	-3.53
19	5.50	-2.97	4.29	-2.90	3.65	-2.97	2.81	-3.36	3.29	-2.70	3.80	-3.16
20	4.91	-2.91	3.86	-2.67	3.35	-2.64	2.84	-3.47	3.38	-2.65	3.80	-2.66
21	4.55	-2.63	4.14	-1.26	3.24	-2.15	2.98	-3.04	3.04	-2.98	3.39	-2.56
22	4.35	-2.22	3.82	-1.88	3.39	-1.86	2.77	-2.53	3.21	-2.91	3.81	-2.43
23	4.26	-1.69	3.44	-1.93	3.21	-2.44	3.09	-2.85	3.69	-2.89	3.90	-2.61
24	3.87	-1.77	3.08	-2.58	2.78	-2.86	3.09	-3.77	4.54	-3.35	4.11	-3.47
25	3.30	-2.56	3.20	-2.88	3.39	-3.02	3.33	-3.85	4.76	-3.90	4.20	-4.12
26	2.98	-2.63	3.42	-3.14	3.82	-4.18	4.54	-3.62	4.94	-4.57	4.47	-4.29
27	3.76	-2.18	3.71	-3.31	3.73	-4.16	4.65	-4.23	3.97	-5.85	4.75	-5.02
28	4.00	-2.21	4.01	-3.45	4.14	-4.20	4.55	-5.11	4.62	-5.85	5.56	-5.03
29	4.16	-2.46	4.27	-3.62	4.58	-4.42	4.50	-5.50	---	---	5.60	-4.51
30	4.32	-2.81	4.40	-3.84	4.37	-5.03	4.50	-5.74	---	---	5.48	-4.55
31	4.50	-2.98	---	---	4.67	-4.73	4.60	-5.46	---	---	5.00	-4.30
MONTH	5.75	-4.50	6.13	-3.91	5.02	-5.03	5.40	-5.74	4.94	-5.85	5.60	-5.35

STATION NUMBER 02226178 EAST RIVER AT MAYORS PT TERMINAL, AT BRUNSWICK, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 127
LATITUDE 310838 LONGITUDE 0812949 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:21 By bemccall
APPROVED
DD #1
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	4.84	-4.08	4.52	-3.64	4.02	-2.49	3.23	-2.98	3.84	-2.24	4.21	-1.55
2	4.82	-3.28	3.85	-3.65	3.57	-2.74	3.24	-2.68	4.28	-1.89	4.59	-1.74
3	4.54	-2.88	3.22	-3.71	3.67	-2.48	3.34	-2.77	4.48	-1.69	5.09	-1.77
4	3.50	-3.10	3.20	-3.05	3.92	-1.86	3.53	-3.02	4.38	-2.25	5.14	-2.27
5	4.16	-1.47	3.49	-2.21	3.98	-2.10	3.81	-2.95	4.80	-2.39	5.12	-3.72
6	4.01	-2.09	3.67	-2.43	4.02	-2.71	4.23	-2.88	5.41	-2.49	5.57	-4.31
7	3.92	-2.13	3.45	-2.86	4.23	-2.90	4.67	-2.86	6.21	-2.00	5.80	-3.84
8	3.87	-2.78	3.33	-3.53	5.15	-2.48	4.46	-3.23	6.11	-2.63	5.62	-3.75
9	3.41	-3.34	3.56	-3.89	5.21	-2.05	4.43	-3.76	6.05	-3.18	5.37	-3.71
10	3.58	-3.84	3.75	-3.93	5.13	-2.55	4.49	-4.60	5.63	-3.60	5.22	-3.63
11	4.10	-3.41	4.22	-3.90	5.09	-3.34	4.76	-4.73	5.23	-3.75	4.87	-3.73
12	4.12	-3.38	4.33	-3.68	5.02	-3.33	5.43	-4.08	4.81	-3.79	4.81	-3.35
13	4.17	-3.69	3.90	-4.23	4.87	-3.29	4.73	-3.72	4.72	-3.71	4.87	-2.76
14	4.03	-3.67	4.32	-4.46	4.56	-3.39	4.51	-4.44	4.46	-3.59	4.13	-2.95
15	3.93	-3.66	4.27	-3.43	4.62	-3.68	4.23	-4.57	4.26	-3.33	3.80	-2.97
16	4.00	-3.44	4.07	-3.30	4.67	-3.16	4.00	-4.00	4.05	-3.19	3.67	-3.27
17	3.82	-3.16	4.02	-3.38	4.55	-3.17	4.26	-3.54	4.08	-3.55	3.97	-3.24
18	3.79	-3.06	3.84	-3.60	4.40	-3.19	4.36	-3.51	4.15	-3.76	4.44	-2.83
19	3.64	-2.97	4.55	-2.03	4.78	-3.24	4.45	-3.71	4.24	-3.77	4.71	-2.77
20	3.42	-3.22	4.58	-2.16	4.87	-3.40	4.39	-4.13	4.17	-3.22	4.67	-2.67
21	3.70	-3.00	4.48	-2.99	5.76	-3.14	4.63	-4.13	4.25	-3.56	4.63	-2.65
22	3.64	-3.70	5.20	-2.05	5.36	-3.39	4.71	-3.79	4.32	-3.41	4.59	-2.68
23	4.69	-3.32	5.37	-3.03	5.07	-3.98	4.46	-3.95	4.05	-3.34	4.46	-2.40
24	4.98	-3.84	5.30	-4.36	4.82	-4.11	4.27	-4.03	3.85	-3.72	4.51	-2.68
25	5.02	-4.59	5.28	-4.61	4.60	-4.17	4.25	-4.06	3.77	-3.69	4.64	-1.76
26	5.98	-5.05	5.33	-4.42	4.16	-4.09	3.76	-4.12	3.82	-3.07	4.46	-1.75
27	5.57	-4.33	5.20	-4.17	3.69	-4.18	3.53	-3.75	3.53	-2.78	3.64	-2.07
28	4.86	-5.10	5.39	-3.65	3.17	-4.26	3.31	-3.67	3.59	-2.68	3.98	-2.11
29	4.60	-5.07	5.29	-2.63	3.19	-3.80	3.19	-3.60	3.60	-2.39	4.21	-1.79
30	4.57	-4.32	5.21	-2.68	3.19	-3.55	2.89	-3.63	3.78	-2.54	4.69	-0.93
31	---	---	4.66	-2.83	---	---	3.27	-3.17	3.91	-1.69	---	---
MONTH	5.98	-5.10	5.39	-4.61	5.76	-4.26	5.43	-4.73	6.21	-3.79	5.80	-4.31
YEAR	6.21	-5.85										

022261792 SOUTH BRUNSWICK RIVER AT COLONELS ISLAND, NEAR BRUNSWICK, GA

LOCATION.—Lat 31°07'55", long 81°32'13" referenced to North American Datum (NAD) of 1927, Glynn County, Hydrologic Unit 3070203, at Georgia Ports Authority's Colonels Island Terminal Dock, approximately 1.0 mile upstream from the confluence of South Brunswick and Turtle Rivers, and 2.9 miles west-southwest of Brunswick post office.

DRAINAGE AREA.—Undetermined.

COOPERATION.—Georgia Department of Natural Resources (DNR), Coastal Resources Division.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1988 to current year.

GAGE.—Water-stage recorder. Datum of gage is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records good.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height, 7.41 feet, February 7, 1993; minimum gage-height, -7.21 feet, April 7, 1989.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 6.58 feet, September 7; minimum gage-height, -5.92 feet, February 27.

STATION NUMBER 022261792 S BRUNSWICK RIVER,COLONELS ISLAND, NR BRUNSWICK,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 127
LATITUDE 310755 LONGITUDE 0813213 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:22 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	4.75	-2.42	4.66	-3.32	4.64	-4.08	4.61	-4.95	4.46	-5.16	5.01	-5.40
2	4.75	-2.66	4.55	-3.43	4.74	-4.13	5.57	-3.96	4.15	-4.73	5.05	-4.66
3	4.75	-2.94	4.64	-3.58	5.17	-3.60	4.62	-5.16	4.51	-3.26	4.35	-4.97
4	4.69	-2.89	4.70	-3.46	5.10	-3.32	4.20	-4.04	4.10	-4.25	4.06	-5.00
5	4.56	-3.14	5.37	-2.15	4.96	-3.39	4.14	-3.73	4.11	-3.06	3.41	-3.75
6	4.28	-3.23	4.98	-2.37	4.56	-3.37	4.00	-4.81	4.26	-2.87	3.56	-3.05
7	4.64	-2.79	4.45	-2.97	4.33	-3.32	2.74	-4.86	3.85	-4.67	3.52	-3.05
8	4.99	-1.81	4.30	-3.12	4.33	-3.35	3.05	-4.79	3.53	-4.57	3.71	-2.85
9	5.03	-1.30	4.28	-3.11	4.10	-3.49	3.40	-5.08	4.21	-3.47	3.69	-3.51
10	4.91	-1.85	4.53	-3.31	4.84	-3.49	3.27	-5.08	4.27	-3.51	3.52	-3.62
11	4.81	-2.37	4.54	-3.96	4.90	-3.84	3.56	-5.20	3.56	-4.08	3.97	-3.43
12	4.81	-2.96	5.53	-3.96	4.91	-3.94	3.93	-5.03	3.92	-4.04	4.22	-3.35
13	5.29	-3.04	5.91	-2.98	5.11	-4.10	3.63	-4.96	3.81	-4.09	3.91	-3.93
14	5.17	-3.73	5.96	-3.25	4.82	-4.20	3.96	-4.49	4.19	-3.72	3.76	-4.21
15	5.69	-4.14	6.26	-2.98	4.45	-4.35	3.76	-4.22	4.14	-3.10	3.74	-4.19
16	5.74	-4.09	5.94	-3.29	4.75	-3.45	3.43	-4.06	3.47	-3.63	3.59	-4.37
17	5.87	-4.63	5.24	-3.38	4.44	-3.27	3.24	-4.05	3.09	-3.76	3.69	-4.05
18	5.89	-3.84	4.91	-3.21	3.40	-4.08	2.69	-3.72	3.29	-2.80	3.65	-3.53
19	5.65	-3.07	4.41	-2.95	3.74	-3.03	2.93	-3.40	3.44	-2.72	3.94	-3.13
20	5.05	-3.00	3.98	-2.71	3.44	-2.69	2.99	-3.50	3.53	-2.61	3.98	-2.67
21	4.71	-2.65	4.27	-1.30	3.37	-2.12	3.11	-3.03	3.18	-2.96	3.52	-2.47
22	4.46	-2.28	3.96	-1.89	3.50	-1.93	2.93	-2.53	3.38	-2.89	3.95	-2.41
23	4.36	-1.67	3.57	-1.91	3.33	-2.46	3.25	-2.86	3.82	-2.89	4.09	-2.56
24	3.98	-1.78	3.20	-2.57	2.90	-2.86	3.23	-3.81	4.71	-3.36	4.29	-3.48
25	3.42	-2.60	3.32	-2.92	3.55	-3.02	3.45	-3.91	4.95	-3.92	4.39	-4.12
26	3.09	-2.67	3.56	-3.17	3.93	-4.20	4.69	-3.61	5.12	-4.61	---	---
27	3.87	-2.22	3.84	-3.34	3.87	-4.18	4.79	-4.28	4.08	-5.92	---	---
28	4.13	-2.20	4.13	-3.52	4.25	-4.25	4.71	-5.15	4.75	-5.90	---	---
29	4.31	-2.51	4.41	-3.68	4.68	-4.47	4.62	-5.54	---	---	---	---
30	4.48	-2.85	4.53	-3.92	4.53	-5.07	4.62	-5.77	---	---	---	---
31	4.64	-3.06	---	---	4.82	-4.80	4.73	-5.50	---	---	---	---
MONTH	5.89	-4.63	6.26	-3.96	5.17	-5.07	5.57	-5.77	5.12	-5.92	---	---

STATION NUMBER 022261792 S BRUNSWICK RIVER,COLONELS ISLAND, NR BRUNSWICK,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 127
LATITUDE 310755 LONGITUDE 0813213 NAD27 DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:22 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	4.20	-2.47	3.51	-2.87	3.99	-2.28	5.01	-0.88
2	---	---	3.94	-3.69	3.74	-2.62	3.54	-2.57	4.43	-1.86	5.39	-1.11
3	---	---	3.34	-3.73	3.88	-2.38	3.63	-2.64	4.62	-1.71	5.91	-1.09
4	---	---	3.25	-3.05	4.12	-1.85	3.82	-2.88	4.56	-2.24	5.93	-1.64
5	---	---	3.61	-2.25	4.20	-2.06	4.06	-2.84	4.96	-2.40	5.92	-3.11
6	---	---	3.80	-2.43	4.23	-2.67	4.47	-2.80	5.57	-2.49	6.40	-3.73
7	---	---	3.57	-2.87	4.36	-2.88	4.97	-2.76	6.39	-2.10	6.58	-3.26
8	---	---	3.44	-3.59	5.35	-2.45	4.78	-3.13	6.26	-2.67	6.42	-3.20
9	---	---	3.69	-3.94	5.42	-2.04	4.73	-3.62	6.21	-3.23	6.19	-3.17
10	---	---	3.87	-4.00	5.35	-2.53	4.80	-4.44	5.80	-3.68	5.99	-3.10
11	---	---	4.32	-3.93	5.27	-3.33	5.01	-4.65	5.41	-3.83	5.68	-3.14
12	---	---	4.45	-3.75	5.20	-3.30	5.69	-3.98	5.22	-3.86	5.61	-2.73
13	---	---	4.00	-4.31	5.05	-3.30	4.88	-3.68	4.90	-3.78	4.89	-2.83
14	---	---	4.47	-4.51	4.67	-3.42	4.81	-4.50	4.63	-3.63	4.28	-2.96
15	---	---	4.40	-3.54	4.69	-3.68	4.39	-4.61	4.45	-3.31	3.93	-2.95
16	---	---	4.21	-3.36	4.85	-3.20	4.14	-4.03	4.23	-3.17	3.82	-3.26
17	---	---	4.21	-3.36	4.76	-3.13	4.42	-3.52	4.22	-3.49	4.15	-3.22
18	---	---	4.03	-3.50	4.66	-3.10	4.54	-3.53	4.26	-3.79	4.59	-2.84
19	---	---	4.77	-2.02	5.06	-3.15	4.62	-3.70	4.37	-3.76	4.88	-2.83
20	---	---	4.79	-2.15	5.18	-3.32	4.54	-4.10	4.29	-3.25	4.85	-2.70
21	---	---	4.69	-2.98	6.02	-2.89	4.76	-4.16	4.41	-3.53	4.79	-2.71
22	---	---	5.42	-2.00	5.59	-3.28	4.89	-3.83	4.50	-3.42	4.73	-2.72
23	---	---	5.58	-3.03	5.38	-3.91	4.61	-3.97	4.20	-3.42	4.64	-2.45
24	---	---	5.50	-4.39	5.08	-4.01	4.43	-4.00	3.98	-3.78	4.66	-2.75
25	---	---	5.48	-4.59	4.89	-4.06	4.35	-4.11	3.90	-3.76	4.80	-1.81
26	---	---	5.54	-4.45	4.41	-4.01	3.90	-4.17	3.91	-3.02	4.62	-1.77
27	---	---	5.39	-4.20	3.97	-4.11	3.68	-3.76	4.18	-2.79	3.78	-2.04
28	---	---	5.59	-3.69	3.50	-4.16	3.42	-3.67	4.35	-2.02	4.15	-2.10
29	---	---	5.45	-2.66	3.43	-3.71	3.42	-3.62	4.38	-1.76	4.35	-1.74
30	---	---	5.45	-2.66	3.46	-3.44	3.05	-3.64	4.55	-1.79	4.87	-0.88
31	---	---	4.82	-2.86	---	---	3.41	-3.11	4.74	-1.03	---	---
MONTH	---	---	---	---	6.02	-4.16	5.69	-4.65	6.39	-3.86	6.58	-3.73

BRUNSWICK RIVER BASIN
2002 Water Year

02226180 BRUNSWICK RIVER AT ST. SIMONS ISLAND, GA

LOCATION.—Lat 31°08'00", long 81°23'48" referenced to North American Datum (NAD) of 1927, Glynn County, Hydrologic Unit 03070203, at downstream side of village pier, on St. Simons Island.

DRAINAGE AREA.—Indeterminate.

COOPERATION.—U.S. Army Corps of Engineers, Savannah District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1988 to February 1998, November 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records fair, except for May 1 to June 25, which are poor.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height recorded, 7.00 feet, February 7, 1993; minimum gage-height recorded, -7.35 feet, March 13, 1993, but was lower during the day when the stage went below the recordable range in stage.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.88 feet, August 7; minimum gage-height recorded, -5.39 feet, January 30.

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02226180 BRUNSWICK RIVER AT ST. SIMONS ISLAND, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 127
LATITUDE 310800 LONGITUDE 0812348 NAD27 DRAINAGE AREA 14200 CONTRIBUTING DRAINAGE AREA 14200 DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:22 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	4.22	-2.13	4.17	-3.10	4.19	-3.78	4.26	-4.60	4.15	-4.71	4.96	-4.73
2	4.27	-2.35	4.06	-3.13	4.31	-3.84	5.14	-3.81	4.10	-4.36	4.90	-3.96
3	4.22	-2.62	4.16	-3.33	4.72	-3.31	4.36	-4.74	4.24	-2.86	4.01	-4.35
4	4.18	-2.56	4.21	-3.17	4.66	-3.04	4.00	-3.80	3.81	-3.84	---	---
5	4.06	-2.83	4.93	-1.92	4.51	-3.10	4.47	-3.02	3.83	-2.82	---	---
6	3.81	-2.91	4.44	-2.09	4.07	-3.12	4.34	-4.07	3.93	-2.61	---	---
7	4.03	-2.64	3.97	-2.75	3.90	-3.17	3.03	-3.71	3.60	-4.24	2.82	-3.17
8	4.40	-1.73	3.93	-2.89	3.87	-3.17	3.54	-4.57	3.26	-3.93	2.97	-3.00
9	4.44	-1.05	3.78	-2.88	3.63	-3.26	2.90	-4.88	3.93	-3.10	3.00	-3.49
10	4.32	-1.82	4.08	-3.02	4.35	-3.19	---	---	4.06	-3.08	2.82	-3.64
11	4.24	-2.24	4.11	-3.63	4.55	-3.67	---	---	3.28	-3.73	3.24	-3.50
12	4.22	-2.74	5.04	-3.36	4.50	-3.67	---	---	3.66	-3.66	3.46	-3.38
13	4.73	-2.90	5.54	-2.61	4.71	-3.81	---	---	3.57	-3.64	3.23	-3.95
14	4.66	-3.40	5.57	-2.94	4.42	-3.87	3.49	-4.31	3.90	-3.28	3.05	-4.20
15	5.20	-3.74	5.82	-2.68	4.07	-4.04	3.36	-3.98	3.88	-2.72	3.03	-4.19
16	5.26	-3.64	5.58	-2.92	4.34	-3.22	---	---	3.16	-3.26	2.80	-4.39
17	5.42	-4.22	4.81	-3.07	3.98	-2.98	2.73	-3.80	2.62	-3.45	2.96	-4.05
18	5.44	-3.47	4.41	-2.94	2.99	-3.83	2.19	-3.51	2.99	-2.48	2.87	-3.54
19	5.12	-2.72	3.96	-2.71	3.33	-2.77	2.46	-3.21	3.08	-2.45	3.28	-3.17
20	4.59	-2.68	3.51	-2.43	3.00	-2.51	2.49	-3.20	3.21	-2.44	3.22	-2.72
21	4.18	-2.47	3.77	-1.22	2.89	-2.11	2.67	-2.92	2.85	-2.69	2.81	-2.68
22	3.99	-2.08	3.45	-1.81	2.99	-1.87	2.47	-2.39	3.09	-2.58	3.20	-2.47
23	3.87	-1.57	3.07	-1.99	2.90	-2.36	2.81	-2.79	3.63	-2.43	3.45	-2.81
24	3.56	-1.68	2.69	-2.47	2.46	-2.81	2.78	-3.58	4.54	-3.29	3.57	-3.49
25	2.93	-2.47	2.83	-2.77	3.08	-2.86	3.04	-3.58	4.78	-3.41	3.69	-4.04
26	2.64	-2.43	3.07	-3.02	3.54	-4.01	4.37	-3.72	4.99	-3.97	---	---
27	3.40	-2.00	3.40	-3.25	3.43	-4.00	4.51	-3.93	4.06	-5.23	---	---
28	3.65	-2.26	3.70	-3.29	3.91	-4.00	4.47	-4.74	4.78	-5.24	5.00	-4.92
29	3.82	-2.32	3.93	-3.42	4.28	-4.20	4.30	-5.16	---	---	5.09	-4.46
30	3.97	-2.58	4.07	-3.62	4.17	-4.78	4.33	-5.39	---	---	5.03	-4.46
31	4.15	-2.81	---	---	4.44	-4.45	4.46	-5.08	---	---	---	---
MONTH	5.44	-4.22	5.82	-3.63	4.72	-4.78	---	---	4.99	-5.24	---	---

STATION NUMBER 02226180 BRUNSWICK RIVER AT ST. SIMONS ISLAND, GA ESTUARY SOURCE AGENCY USGS STATE 13 COUNTY 127
LATITUDE 310800 LONGITUDE 0812348 NAD27 DRAINAGE AREA 14200 CONTRIBUTING DRAINAGE AREA 14200 DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:22 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	3.92	-3.41	3.59	-2.49	2.86	-2.85	3.50	-2.00	3.85	-1.49
2	4.33	-3.20	3.52	-3.42	3.10	-2.96	2.88	-2.51	3.94	-1.76	4.28	-1.64
3	4.12	-2.80	2.98	-3.51	2.93	-2.64	2.95	-2.66	4.15	-1.57	4.74	-1.61
4	2.99	-3.10	3.00	-2.84	3.14	-2.32	3.16	-2.86	4.12	-2.07	4.85	-2.34
5	3.73	-1.43	3.18	-2.00	3.22	-2.42	3.44	-2.78	4.47	-2.19	4.77	-3.49
6	3.65	-2.03	3.41	-2.13	3.29	-2.94	3.90	-2.60	5.11	-2.23	5.28	-4.04
7	3.51	-2.12	3.37	-2.50	3.42	-3.25	4.32	-2.67	5.88	-1.80	5.49	-3.54
8	3.45	-2.77	3.28	-3.05	4.40	-2.65	4.15	-3.09	5.77	-2.42	5.36	-3.47
9	3.00	-3.36	3.62	-3.30	4.40	-2.32	4.18	-3.57	5.67	-2.93	5.07	-3.40
10	3.16	-3.73	3.90	-3.30	4.36	-2.87	4.21	-4.34	5.34	-3.31	4.95	-3.31
11	3.70	-3.32	4.49	-3.15	4.35	-3.54	4.48	-4.59	4.97	-3.47	4.57	-3.42
12	3.71	-3.24	4.68	-2.87	4.43	-3.40	5.15	-3.76	4.44	-3.48	4.56	-3.18
13	3.80	-3.53	4.39	-3.30	4.40	-3.27	4.43	-3.44	4.23	-3.36	4.65	-2.51
14	3.66	-3.46	4.84	-3.35	4.11	-3.30	3.95	-4.08	4.14	-3.33	3.79	-2.76
15	3.56	-3.50	4.94	-2.29	3.99	-3.78	3.79	-4.26	3.96	-3.15	3.44	-2.79
16	3.63	-3.29	4.65	-2.27	3.98	-3.25	3.71	-3.72	3.72	-3.11	3.34	-3.14
17	3.47	-3.01	4.49	-2.26	3.83	-3.34	3.93	-3.37	3.73	-3.38	3.65	-3.09
18	3.20	-2.91	4.75	-2.43	3.74	-3.26	4.05	-3.31	3.80	-3.66	4.09	-2.70
19	3.20	-2.88	5.34	-0.80	4.13	-3.44	4.13	-3.51	3.89	-3.56	4.37	-2.52
20	3.02	-3.20	5.31	-1.07	4.21	-3.45	4.22	-3.87	3.87	-3.08	4.33	-2.45
21	3.31	-2.87	4.62	-2.26	5.14	-3.21	4.34	-3.81	3.95	-3.35	4.29	-2.40
22	3.25	-3.51	4.79	-2.33	4.87	-3.34	4.38	-3.50	4.07	-3.16	4.24	-2.41
23	4.24	-3.15	4.36	-3.64	4.61	-3.93	4.13	-3.81	3.77	-3.09	4.13	-2.20
24	4.59	-3.68	4.35	-4.79	4.47	-3.98	3.99	-3.81	3.53	-3.45	4.14	-2.43
25	4.68	-4.36	4.41	-4.99	4.29	-3.93	3.96	-3.79	3.43	-3.44	4.32	-1.57
26	5.60	-4.81	4.52	-4.69	3.82	-3.78	3.44	-3.83	3.52	-2.86	4.10	-1.68
27	5.16	-4.15	4.53	-4.31	3.32	-3.91	3.19	-3.50	3.20	-2.55	3.27	-1.99
28	4.59	-4.92	4.77	-3.70	2.77	-4.09	2.96	-3.47	3.26	-2.42	3.63	-1.99
29	4.24	-4.81	4.80	-2.68	2.79	-3.73	2.71	-3.42	3.23	-2.26	3.81	-1.71
30	4.28	-4.08	4.29	-2.61	2.77	-3.37	2.54	-3.42	3.44	-2.46	4.28	-0.93
31	---	---	4.03	-2.79	---	---	2.93	-3.01	3.58	-1.56	---	---
MONTH	---	---	5.34	-4.99	5.14	-4.09	5.15	-4.59	5.88	-3.66	5.49	-4.04

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02226180 BRUNSWICK RIVER AT ST. SIMONS ISLAND, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 127
LATITUDE 310800 LONGITUDE 0812348 NAD27 DRAINAGE AREA 14200 CONTRIBUTING DRAINAGE AREA 14200* DATUM 0.00 NGVD29
Date Processed: 2003-03-11 11:12 By bemccall
APPROVED
DD #2, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---	---	0.00	0.00	0.36
2	0.00	0.00	0.00	0.35	0.00	1.72	0.00	---	---	0.00	0.83	0.03
3	0.00	0.00	0.00	0.00	0.00	3.78	0.00	---	---	0.00	0.02	0.04
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.00	0.11	0.24
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00
6	0.00	0.00	0.00	0.13	0.00	0.00	0.00	---	---	0.00	0.03	0.00
7	0.00	0.00	0.00	0.00	0.29	0.00	0.00	---	---	0.00	0.34	0.00
8	0.00	0.00	0.27	0.00	0.00	0.00	0.00	---	---	0.03	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00
10	0.00	0.00	0.79	---	0.08	0.00	0.02	---	---	0.00	0.00	0.00
11	0.00	0.00	0.00	---	0.00	0.00	0.06	---	---	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.25	0.00	---	---	0.00	0.00	0.00
13	0.00	0.00	0.01	0.00	0.00	0.01	0.00	---	---	0.01	0.33	1.83
14	0.00	0.00	0.00	---	0.00	0.00	0.00	---	---	0.00	0.00	0.58
15	0.00	0.00	0.00	---	0.07	0.00	0.00	---	---	0.00	0.00	0.05
16	0.00	0.00	0.00	---	0.00	0.00	0.00	---	---	0.00	0.00	0.00
17	0.00	0.00	0.02	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00
18	0.00	0.00	0.04	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00
19	0.00	0.00	0.00	0.03	0.00	0.00	0.00	---	---	0.00	0.08	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.27	0.00	0.00
21	0.00	0.00	0.00	0.72	0.02	0.31	0.00	---	---	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---	---	0.00	0.00	0.00
23	0.00	0.00	0.05	0.00	0.71	0.00	0.00	---	---	1.09	0.00	0.00
24	0.00	0.00	1.09	0.00	0.00	0.00	0.00	---	---	0.65	0.00	0.71
25	0.00	0.00	0.00	0.04	0.00	0.00	0.00	---	---	0.05	2.12	0.88
26	0.00	0.00	0.00	0.00	0.00	0.13	0.00	---	0.65	0.45	0.08	0.05
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	1.21	0.00
28	0.00	0.00	0.00	0.02	0.00	0.00	0.00	---	0.01	0.00	0.33	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	---	0.01	0.00	0.08	0.00
30	0.00	0.00	0.00	0.02	---	0.00	0.00	---	0.01	0.00	0.22	0.00
31	0.00	---	0.00	0.02	---	0.13	---	---	---	0.00	0.36	---
TOTAL	0.00	0.00	2.27	---	1.19	6.33	0.08	---	---	2.55	6.14	4.77

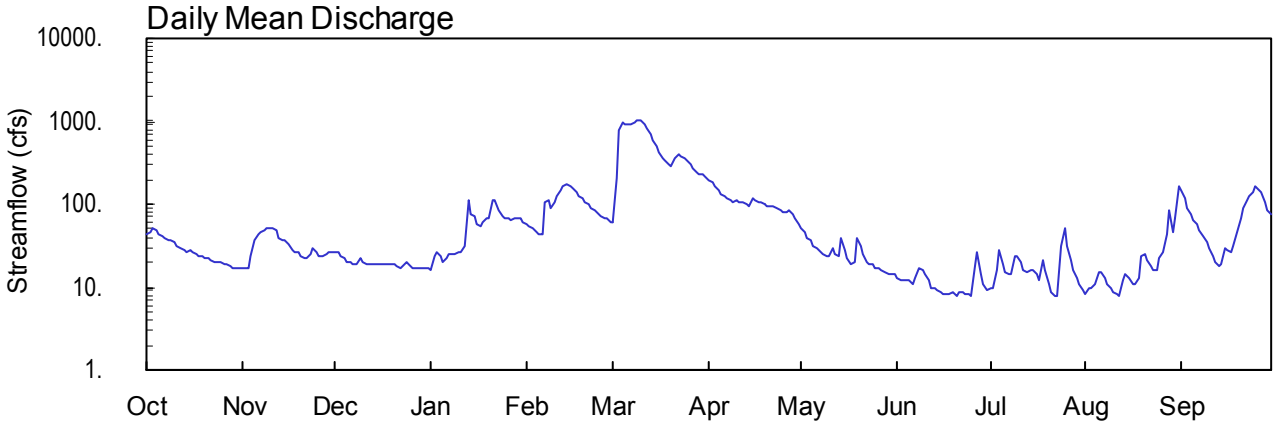
SATILLA RIVER BASIN

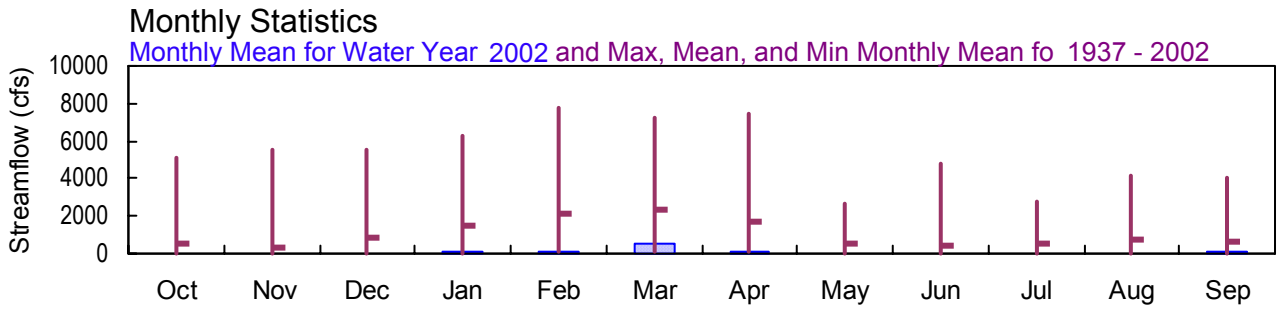
2002 Water Year

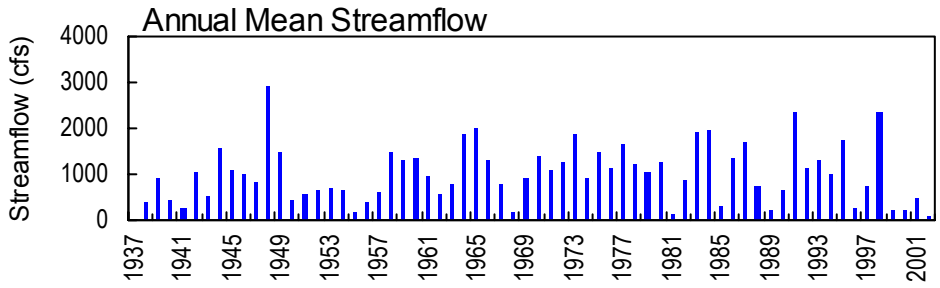
02226500 SATILLA RIVER NEAR WAYCROSS, GA

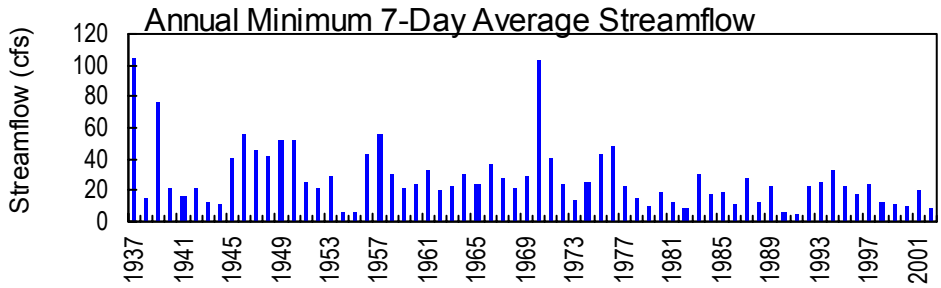
Latitude: 31°14'17" Longitude: 82°19'29" Hydrologic Unit Code: 03070201 Ware County

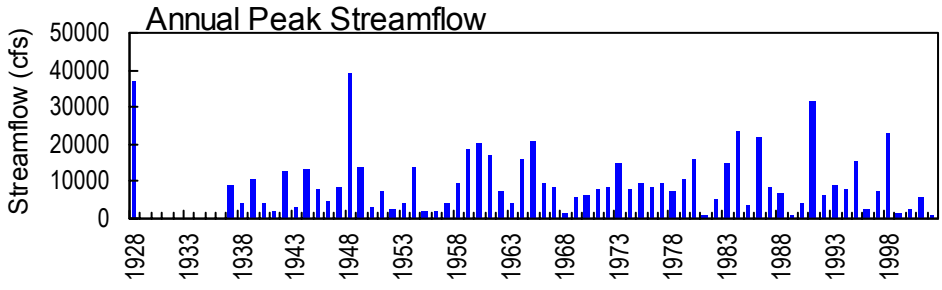
Drainage Area: 1,200. mi^2 Datum: 66.43 feet











02227422 CROOKED CREEK TRIBUTARY NEAR BRISTOL, GA

LOCATION.—Lat 31°26'24", long 82°15'03" referenced to North American Datum (NAD) of 1927, Pierce County, Hydrologic Unit 03070202, on County Road 1903, 2.0 miles west of Brisol.

DRAINAGE AREA.—0.42 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1976 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 155.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 2.72 feet, June 25, 1991
DISCHARGE: 74.0 ft^3/s, June 25, 1991

MAXIMUM FOR CURRENT YEAR.—
STAGE: 0.93 feet, February 7
DISCHARGE: 6.94 ft^3/s, February 7

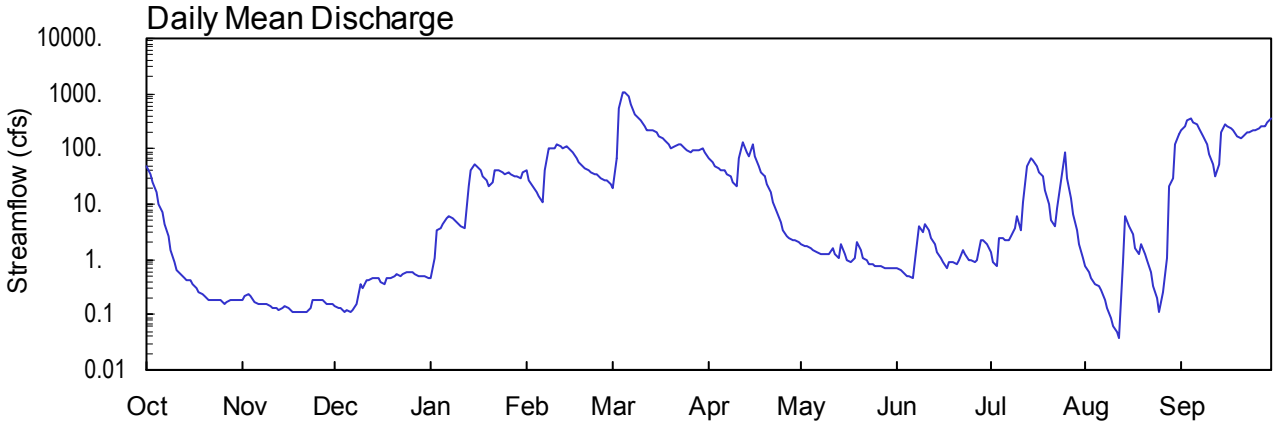
SATILLA RIVER BASIN

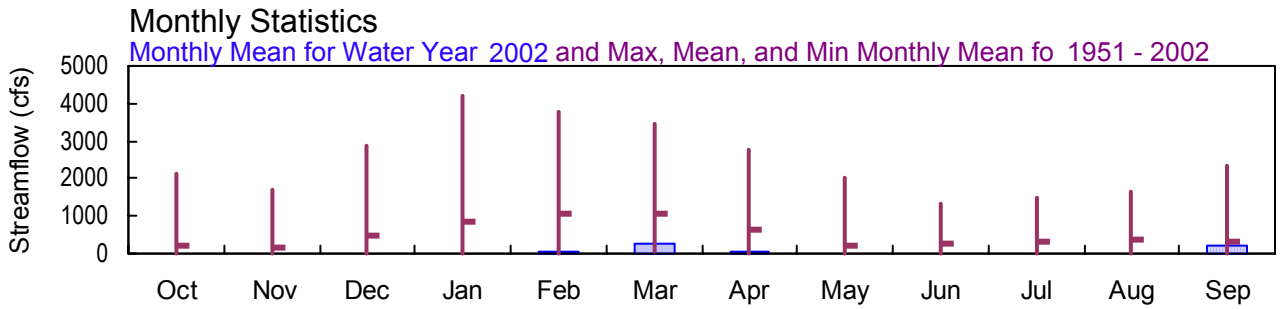
2002 Water Year

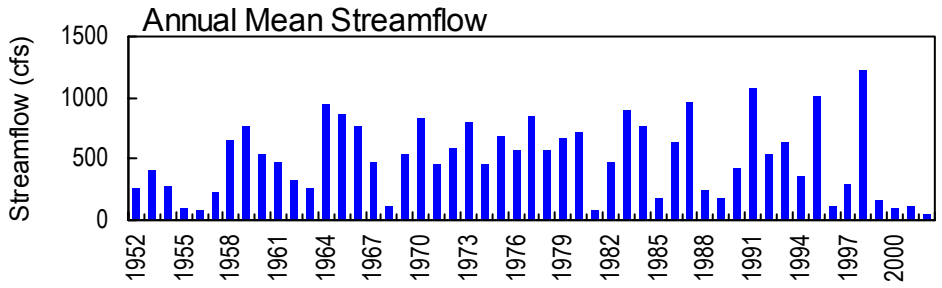
02227500 LITTLE SATILLA RIVER NEAR OFFERMAN, GA

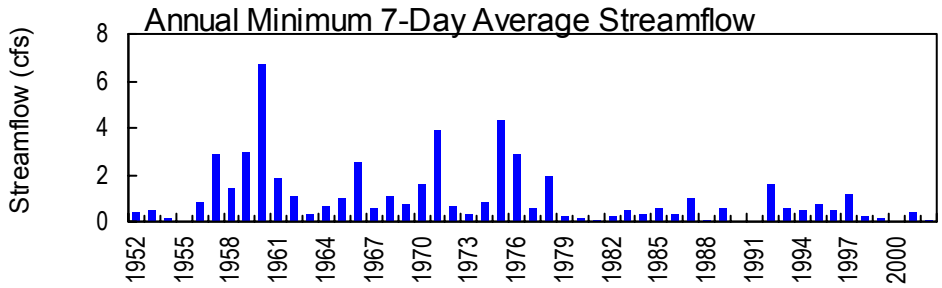
Latitude: 31°27'04" Longitude: 82°03'17" Hydrologic Unit Code: 03070202 Pierce County

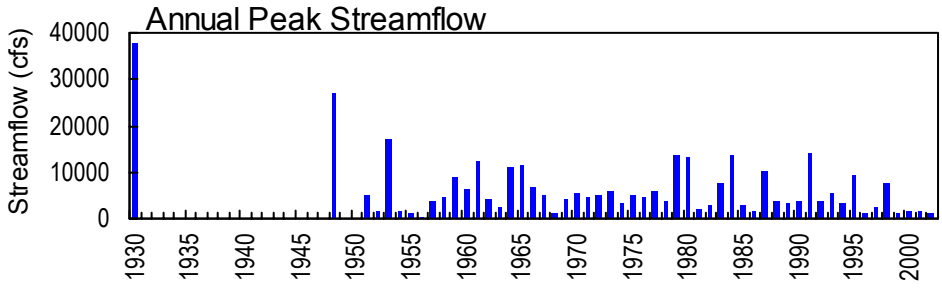
Drainage Area: 646. mi^2 Datum: 58.00 feet











SATILLA RIVER BASIN
2002 Water Year

02227500 LITTLE SATILLA RIVER NEAR OFFERMAN, GA

LOCATION.—Lat 31°27'04", long 82°03'17" referenced to North American Datum (NAD) of 1927, Pierce-Wayne County line, Hydrologic Unit 03070202, on downstream end of right bank pier of steel truss span of Seaboard Coast Line Railroad bridge, 1,500 feet downstream from bridge on GA 38, 4.0 miles northeast of Offerman, and 16.0 miles upstream from mouth.

DRAINAGE AREA.—646 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 1951 to current year.

GAGE.—Water-stage recorder. Datum of gage is 58.00 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to November 8, 1952, a water-stage recorder was installed at a site 1,500 feet upstream, and from November 8, 1952, to September 30, 1975, a water-stage recorder was located at present site at a datum 1.00 feet higher.

REMARKS.—Record good, except for discharges below 10.0 ft^3/s, which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharge greater than base discharge of 1,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Mar. 4	1315	1,080*	8.42*

WATER-STAGE RECORDS

PERIOD OF RECORD.—January 1951 to current year.

GAGE.—Water-stage recorder. Datum of gage is 58.00 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to November 8, 1952, a water-stage recorder was installed at a site 1,500 feet upstream, and from November 8, 1952, to September 30, 1975, a water-stage recorder was located at present site at a datum 1.00 feet higher.

REMARKS.—Record good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.42 feet, March 4, 5; minimum gage-height recorded, 1.09 feet, August 12, 13.

STATION NUMBER 02227500 LITTLE SATILLA RIVER NEAR OFFERMAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 229
LATITUDE 312704 LONGITUDE 0820317 NAD27 DRAINAGE AREA 646.00* CONTRIBUTING DRAINAGE AREA DATUM 58.00 NGVD29
Date Processed: 2003-03-10 11:08 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	0.19	0.14	0.47	41	19	69	1.9	0.69	1.4	0.76	216
2	35	0.22	0.13	1.1	28	70	58	1.8	0.65	0.90	0.60	253
3	24	0.23	0.13	3.4	21	560	50	1.7	0.59	0.78	0.47	327
4	16	0.21	0.11	3.7	17	1050	44	1.6	0.52	2.5	0.36	352
5	10	0.17	0.12	4.3	14	1060	42	1.5	0.50	2.4	0.34	305
6	7.2	0.15	0.11	5.6	11	891	40	1.4	0.47	2.2	0.28	271
7	4.5	0.15	0.12	6.3	42	619	36	1.3	1.0	2.2	0.19	229
8	2.6	0.15	0.16	5.6	100	439	31	1.2	4.1	2.7	0.13	171
9	1.5	0.15	0.37	5.0	104	381	25	1.2	3.2	3.8	0.09	121
10	0.93	0.14	0.31	4.3	102	332	21	1.3	4.5	6.3	0.06	80
11	0.65	0.13	0.41	4.1	119	264	68	1.6	3.3	3.3	0.05	51
12	0.53	0.13	0.44	3.8	111	223	129	1.3	2.5	11	0.04	33
13	0.45	0.12	0.47	22	107	221	86	1.1	1.9	49	0.90	55
14	0.42	0.13	0.47	41	109	220	74	1.9	1.4	69	6.2	204
15	0.44	0.14	0.45	53	98	193	125	1.2	1.1	64	4.0	269
16	0.37	0.13	0.39	49	84	169	76	0.95	0.87	47	2.8	251
17	0.30	0.11	0.35	40	70	155	50	0.88	0.72	38	1.6	244
18	0.25	0.11	0.45	33	56	139	37	1.1	0.86	31	1.3	214
19	0.24	0.11	0.47	27	50	120	32	2.1	0.86	18	1.9	176
20	0.22	0.11	0.50	22	46	105	23	1.5	0.84	9.9	1.3	161
21	0.19	0.11	0.53	25	42	110	16	1.1	1.0	5.2	0.95	176
22	0.18	0.11	0.52	42	38	121	11	0.94	1.5	3.9	0.58	195
23	0.18	0.13	0.53	42	36	117	6.9	0.84	1.2	8.5	0.34	202
24	0.18	0.18	0.61	37	34	104	4.6	0.79	0.96	28	0.20	209
25	0.18	0.18	0.59	36	30	91	3.3	0.78	0.94	85	0.11	218
26	0.16	0.18	0.57	39	27	84	2.7	0.77	0.86	29	0.25	246
27	0.17	0.18	0.56	35	27	96	2.4	0.73	1.00	13	1.1	249
28	0.18	0.16	0.52	33	23	95	2.3	0.72	2.2	6.5	22	247
29	0.18	0.15	0.52	31	---	92	2.2	0.67	2.3	3.3	29	298
30	0.18	0.15	0.48	29	---	99	2.0	0.68	1.9	1.9	122	360
31	0.18	---	0.47	38	---	84	---	0.68	---	1.1	190	---
TOTAL	157.56	4.51	12.00	721.67	1587	8323	1169.4	37.23	44.43	550.78	389.90	6383
MEAN	5.08	0.15	0.39	23.3	56.7	268	39.0	1.20	1.48	17.8	12.6	213
MAX	50	0.23	0.61	53	119	1060	129	2.1	4.5	85	190	360
MIN	0.16	0.11	0.11	0.47	11	19	2.0	0.67	0.47	0.78	0.04	33
CFSM	0.01	0.00	0.00	0.04	0.09	0.42	0.06	0.00	0.00	0.03	0.02	0.33
IN.	0.01	0.00	0.00	0.04	0.09	0.48	0.07	0.00	0.00	0.03	0.02	0.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2002, BY WATER YEAR (WY)

MEAN	238	185	491	853	1071	1046	651	227	266	295	394	343
MAX	2148	1707	2853	4219	3773	3436	2791	2031	1344	1493	1630	2363
(WY)	1995	1998	1998	1987	1986	1959	1961	1979	1959	1964	1973	1953
MIN	0.025	0.15	0.39	11.0	15.7	53.4	19.9	0.30	0.39	0.078	0.23	0.057
(WY)	1955	2002	2002	1981	1957	1955	1967	1999	2000	2000	1988	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1951 - 2002	
ANNUAL TOTAL	40591.27		19380.48			
ANNUAL MEAN	111		53.1		503	
HIGHEST ANNUAL MEAN					1222	1998
LOWEST ANNUAL MEAN					53.1	2002
HIGHEST DAILY MEAN	1610	Mar 22	1060	Mar 5	16800	Sep 28 1953
LOWEST DAILY MEAN	0.11	Nov 17	0.04	Aug 12	0.00	Oct 10 1954
ANNUAL SEVEN-DAY MINIMUM	0.11	Nov 16	0.11	Nov 16	0.00	Oct 10 1954
MAXIMUM PEAK FLOW			1080	Mar 4	17200	Sep 29 1953
MAXIMUM PEAK STAGE			8.42	Mar 4	14.50	Sep 29 1953
INSTANTANEOUS LOW FLOW			0.03	Aug 12	0.00	Oct 10 1954
ANNUAL RUNOFF (CFSM)	0.17		0.082		0.78	
ANNUAL RUNOFF (INCHES)	2.34		1.12		10.57	
10 PERCENT EXCEEDS	225		176		1400	
50 PERCENT EXCEEDS	24		2.7		130	
90 PERCENT EXCEEDS	0.18		0.17		1.2	

STATION NUMBER 02227500 LITTLE SATILLA RIVER NEAR OFFERMAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 229
LATITUDE 312704 LONGITUDE 0820317 NAD27 DRAINAGE AREA 646.00* CONTRIBUTING DRAINAGE AREA DATUM 58.00 NGVD29
Date Processed: 2003-03-10 11:08 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.90	1.38	1.37	1.46	2.75	2.28	3.13	1.42	1.29	1.37	1.30	5.04
2	2.64	1.39	1.36	1.54	2.49	3.06	2.97	1.41	1.29	1.33	1.27	5.48
3	2.40	1.40	1.36	1.71	2.33	7.00	2.84	1.40	1.27	1.30	1.25	6.18
4	2.19	1.39	1.35	1.73	2.23	8.37	2.72	1.39	1.26	1.46	1.23	6.37
5	2.03	1.38	1.35	1.76	2.13	8.39	2.68	1.38	1.26	1.46	1.22	6.00
6	1.90	1.37	1.35	1.83	2.07	8.11	2.64	1.37	1.25	1.44	1.20	5.69
7	1.78	1.37	1.35	1.86	2.70	7.53	2.57	1.37	1.32	1.45	1.17	5.19
8	1.66	1.37	1.37	1.83	3.57	6.88	2.46	1.36	1.56	1.48	1.15	4.47
9	1.58	1.37	1.44	1.80	3.63	6.57	2.31	1.36	1.51	1.54	1.13	3.82
10	1.53	1.36	1.42	1.77	3.61	6.22	2.21	1.36	1.59	1.69	1.12	3.28
11	1.50	1.36	1.45	1.75	3.82	5.61	3.05	1.39	1.52	1.52	1.11	2.86
12	1.47	1.36	1.45	1.74	3.72	5.12	3.92	1.37	1.47	1.87	1.10	2.51
13	1.46	1.36	1.46	2.32	3.66	5.09	3.35	1.35	1.42	2.81	1.26	2.77
14	1.45	1.36	1.46	2.76	3.69	5.09	3.19	1.42	1.38	3.11	1.68	4.90
15	1.45	1.36	1.45	2.95	3.55	4.77	3.88	1.36	1.35	3.05	1.56	5.67
16	1.44	1.36	1.44	2.88	3.38	4.45	3.23	1.33	1.32	2.78	1.48	5.46
17	1.42	1.35	1.43	2.74	3.18	4.27	2.84	1.32	1.30	2.62	1.39	5.37
18	1.40	1.35	1.46	2.60	2.99	4.05	2.59	1.35	1.32	2.45	1.37	5.01
19	1.40	1.35	1.46	2.47	2.90	3.82	2.48	1.43	1.32	2.13	1.42	4.55
20	1.39	1.35	1.47	2.36	2.84	3.61	2.26	1.39	1.32	1.84	1.36	4.34
21	1.38	1.35	1.47	2.43	2.77	3.67	2.06	1.35	1.34	1.63	1.33	4.54
22	1.38	1.35	1.47	2.77	2.70	3.82	1.88	1.33	1.38	1.56	1.27	4.78
23	1.38	1.36	1.47	2.76	2.67	3.77	1.72	1.32	1.36	1.79	1.22	4.86
24	1.38	1.38	1.49	2.68	2.63	3.59	1.60	1.31	1.33	2.20	1.18	4.95
25	1.38	1.38	1.48	2.66	2.54	3.42	1.52	1.31	1.33	3.33	1.14	5.06
26	1.37	1.38	1.48	2.71	2.48	3.33	1.48	1.31	1.32	2.40	1.19	5.40
27	1.38	1.38	1.48	2.65	2.49	3.49	1.46	1.30	1.33	1.95	1.30	5.44
28	1.38	1.37	1.47	2.60	2.38	3.47	1.45	1.30	1.44	1.70	2.19	5.41
29	1.38	1.37	1.47	2.57	---	3.43	1.44	1.29	1.45	1.52	2.40	5.94
30	1.38	1.37	1.46	2.52	---	3.53	1.42	1.29	1.42	1.42	3.83	6.43
31	1.38	---	1.46	2.68	---	3.34	---	1.29	---	1.35	4.72	---
MEAN	1.62	1.37	1.43	2.29	2.92	4.81	2.44	1.35	1.37	1.92	1.53	4.93
MAX	2.90	1.40	1.49	2.95	3.82	8.39	3.92	1.43	1.59	3.33	4.72	6.43
MIN	1.37	1.35	1.35	1.46	2.07	2.28	1.42	1.29	1.25	1.30	1.10	2.51

02227990 SATILLA RIVER TRIBUTARY No. 2 AT ATKINSON, GA

LOCATION.—Lat 31°13'32", long 81°51'10" referenced to North American Datum (NAD) of 1927, Brantley County, Hydrologic Unit 03070201, on County Road 153, 0.3 miles north of Atkinson.

DRAINAGE AREA.—0.38 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 47.74 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 2.63 feet, August 2, 1978
DISCHARGE: 93 ft^3/s, August 2, 1978

MAXIMUM FOR CURRENT YEAR.—
STAGE: 1.26 feet, July 24
DISCHARGE: 17.8 ft^3/s, July 24

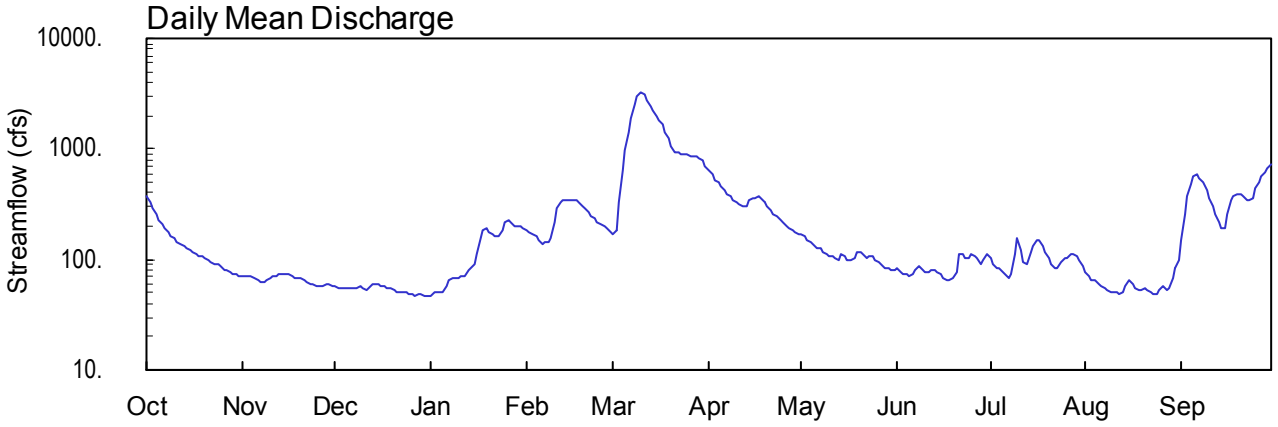
SATILLA RIVER BASIN

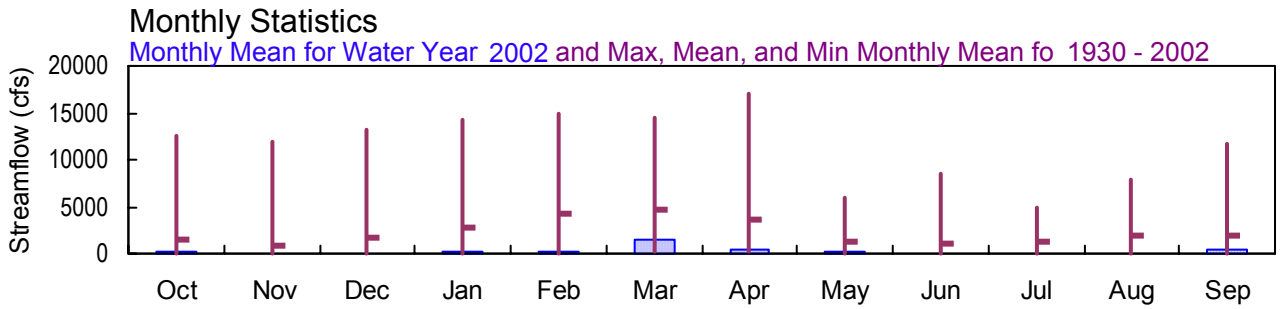
2002 Water Year

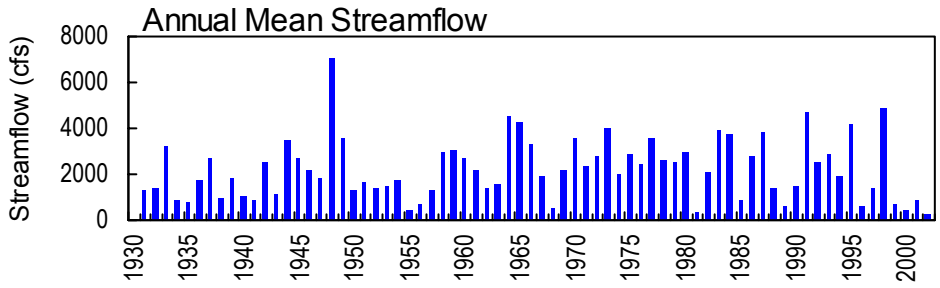
02228000 SATILLA RIVER AT ATKINSON, GA

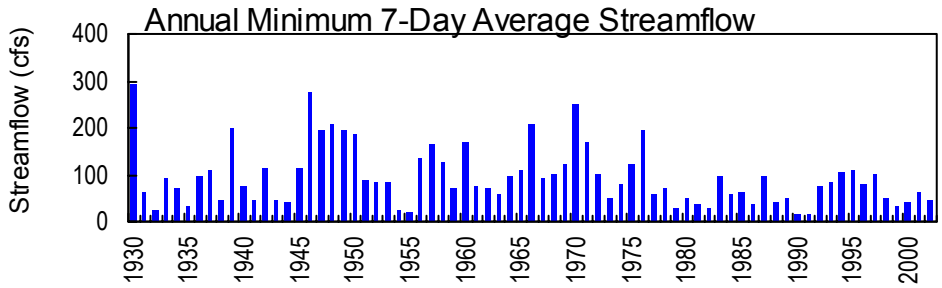
Latitude: 31°13'16" Longitude: 81°52'03" Hydrologic Unit Code: 03070201 Brantley County

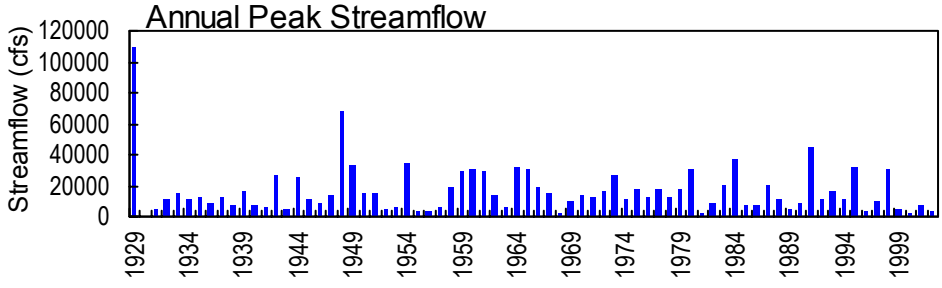
Drainage Area: 2,790. mi^2 Datum: 14.79 feet











SATILLA RIVER BASIN
2002 Water Year

02228000 SATILLA RIVER AT ATKINSON, GA

LOCATION.—Lat 31°13'16", long 81°52'03" referenced to North American Datum (NAD) of 1927, Brantley County, Hydrologic Unit 03070201, on left bank piling 25.0 feet upstream from bridge on U.S. 82, 400.0 feet downstream from Seaboard Coast Line Railroad bridge, and 1.0 mile west of Atkinson.

DRAINAGE AREA.—2,790 mi^2, approximately.

COOPERATION.—USGS National Streamflow Information Program (NSIP).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1930 to current year. Monthly discharge only for March 1930, published in WSP 1304.

REVISED RECORDS.—WSP 1504: 1932. WSP 1624: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 14.79 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to December 6, 1933, and from November 21, 1961, to September 30, 1964, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1862, 27.2 feet in September 1929, from information by Georgia Department of Transportation; discharge, 110,000 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 5,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Mar. 10	1245	3,310*	11.25*

02228000 SATILLA RIVER AT ATKINSON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1930 to current year. Monthly discharge only for March 1930, published in WSP 1304.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 14.79 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to December 6, 1933, and from November 21, 1961, to September 30, 1964, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.25 feet, March 10; minimum gage-height recorded, 2.28 feet, August 11-13, 23-25.

STATION NUMBER 02228000 SATILLA RIVER AT ATKINSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 025
LATITUDE 311316 LONGITUDE 0815203 NAD27 DRAINAGE AREA 2790.00* CONTRIBUTING DRAINAGE AREA DATUM 14.79 NGVD29
Date Processed: 2003-03-10 11:09 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	377	72	57	46	184	172	643	166	84	101	78	152
2	333	72	56	50	174	186	581	160	78	92	70	262
3	294	71	55	51	170	336	531	152	75	85	66	366
4	259	70	54	50	160	645	490	144	74	83	64	475
5	230	67	55	50	148	992	454	135	71	78	59	556
6	207	64	55	57	140	1400	422	129	73	73	57	580
7	188	62	54	64	144	1930	394	124	81	68	55	545
8	173	62	55	67	144	2530	370	118	86	73	52	490
9	161	64	58	68	153	3030	348	113	80	112	51	429
10	153	68	54	69	218	3280	329	108	78	155	50	363
11	145	70	52	71	296	3130	314	106	78	121	50	304
12	138	72	55	72	329	2770	302	102	79	96	48	255
13	132	74	59	79	343	2460	305	100	80	91	51	214
14	126	74	61	82	346	2200	340	111	78	115	58	189
15	123	74	60	90	344	2000	352	105	73	133	65	191
16	116	74	57	111	345	1830	361	100	67	147	60	262
17	111	71	57	154	341	1650	373	99	64	147	55	341
18	107	69	56	184	327	1440	356	104	64	132	53	377
19	105	68	54	191	307	1240	331	117	67	116	52	388
20	103	68	53	178	286	1050	305	116	77	103	54	385
21	99	66	51	169	265	938	282	110	114	92	52	370
22	95	62	50	163	244	921	262	104	110	84	50	349
23	92	59	50	163	234	897	244	106	102	85	49	342
24	90	59	51	186	222	890	228	105	102	96	49	355
25	86	58	49	220	209	894	217	99	110	101	52	435
26	81	57	48	226	200	874	203	93	108	104	58	509
27	79	57	47	214	190	855	194	89	102	110	52	561
28	76	59	48	204	179	859	186	85	92	112	54	618
29	75	59	48	204	---	837	177	83	97	107	68	674
30	73	58	47	201	---	777	170	81	110	97	82	719
31	72	---	46	194	---	708	---	80	---	87	99	---
TOTAL	4499	1980	1652	3928	6642	43721	10064	3444	2554	3196	1813	12056
MEAN	145	66.0	53.3	127	237	1410	335	111	85.1	103	58.5	402
MAX	377	74	61	226	346	3280	643	166	114	155	99	719
MIN	72	57	46	46	140	172	170	80	64	68	48	152
CFSM	0.05	0.02	0.02	0.05	0.09	0.51	0.12	0.04	0.03	0.04	0.02	0.14
IN.	0.06	0.03	0.02	0.05	0.09	0.58	0.13	0.05	0.03	0.04	0.02	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2002, BY WATER YEAR (WY)

MEAN	1445	880	1680	2845	4200	4632	3513	1263	1157	1358	1874	1930
MAX	12540	11850	13130	14350	14790	14430	17000	5981	8496	4870	7917	11630
(WY)	1948	1948	1948	1987	1991	1959	1948	1979	1973	1963	1971	1949
MIN	25.9	24.9	38.6	63.2	79.6	262	172	66.7	40.2	31.0	43.6	25.4
(WY)	1955	1955	1932	1932	1932	1955	1938	1999	1935	1990	1954	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	273905		95549			
ANNUAL MEAN	750		262		2217	
HIGHEST ANNUAL MEAN					7048	1948
LOWEST ANNUAL MEAN					262	2002
HIGHEST DAILY MEAN	7860	Mar 27	3280	Mar 10	67200	Apr 6 1948
LOWEST DAILY MEAN	46	Dec 31	46	Dec 31	15	Sep 26 1990
ANNUAL SEVEN-DAY MINIMUM	48	Dec 25	47	Dec 26	16	Sep 25 1990
MAXIMUM PEAK FLOW			3310	Mar 10	68100	Apr 6 1948
MAXIMUM PEAK STAGE			11.25	Mar 10	23.90	Apr 6 1948
INSTANTANEOUS LOW FLOW					15	Sep 26 1990
ANNUAL RUNOFF (CFSM)	0.27		0.094		0.79	
ANNUAL RUNOFF (INCHES)	3.65		1.27		10.80	
10 PERCENT EXCEEDS	1350		549		5950	
50 PERCENT EXCEEDS	421		107		816	
90 PERCENT EXCEEDS	59		54		105	

STATION NUMBER 02228000 SATILLA RIVER AT ATKINSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 025
LATITUDE 311316 LONGITUDE 0815203 NAD27 DRAINAGE AREA 2790.00* CONTRIBUTING DRAINAGE AREA DATUM 14.79 NGVD29
Date Processed: 2003-03-10 11:09 By acday
APPROVED
DD #4, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.71	2.88	2.76	2.66	3.81	3.74	5.97	3.30	2.66	2.80	2.60	3.19
2	4.52	2.88	2.75	2.70	3.75	3.81	5.69	3.26	2.60	2.73	2.52	3.89
3	4.34	2.87	2.74	2.72	3.72	4.56	5.46	3.20	2.57	2.67	2.48	4.53
4	4.16	2.86	2.73	2.71	3.66	5.97	5.24	3.14	2.56	2.65	2.46	5.15
5	3.99	2.83	2.74	2.71	3.57	7.26	5.04	3.08	2.53	2.60	2.41	5.58
6	3.86	2.81	2.74	2.79	3.51	8.35	4.85	3.03	2.55	2.55	2.39	5.69
7	3.75	2.79	2.74	2.86	3.54	9.38	4.69	2.99	2.63	2.50	2.36	5.53
8	3.66	2.79	2.75	2.89	3.54	10.34	4.55	2.94	2.67	2.55	2.33	5.24
9	3.58	2.81	2.79	2.90	3.61	10.95	4.42	2.90	2.62	2.89	2.32	4.89
10	3.52	2.85	2.74	2.91	4.00	11.21	4.30	2.87	2.60	3.22	2.31	4.51
11	3.46	2.87	2.72	2.93	4.41	11.05	4.22	2.85	2.60	2.97	2.30	4.16
12	3.41	2.89	2.75	2.94	4.56	10.65	4.14	2.82	2.61	2.77	2.28	3.85
13	3.36	2.91	2.80	3.01	4.63	10.24	4.16	2.80	2.62	2.71	2.32	3.60
14	3.33	2.91	2.82	3.03	4.65	9.85	4.37	2.89	2.60	2.92	2.39	3.44
15	3.30	2.92	2.82	3.11	4.63	9.52	4.44	2.84	2.55	3.06	2.47	3.45
16	3.26	2.92	2.79	3.29	4.64	9.22	4.50	2.80	2.49	3.16	2.42	3.87
17	3.21	2.89	2.78	3.61	4.62	8.88	4.57	2.79	2.46	3.17	2.36	4.30
18	3.18	2.87	2.78	3.81	4.55	8.45	4.47	2.84	2.46	3.05	2.34	4.47
19	3.16	2.86	2.75	3.85	4.46	7.97	4.32	2.94	2.49	2.93	2.33	4.49
20	3.14	2.86	2.74	3.77	4.36	7.46	4.16	2.93	2.59	2.82	2.35	4.43
21	3.11	2.84	2.72	3.71	4.26	7.10	4.02	2.88	2.91	2.73	2.33	4.31
22	3.08	2.81	2.71	3.68	4.15	7.04	3.90	2.83	2.88	2.66	2.30	4.15
23	3.06	2.78	2.71	3.67	4.10	6.96	3.78	2.85	2.81	2.66	2.29	4.08
24	3.04	2.78	2.71	3.82	4.03	6.93	3.68	2.84	2.81	2.77	2.29	4.12
25	3.01	2.77	2.69	4.02	3.96	6.95	3.62	2.79	2.88	2.81	2.32	4.49
26	2.96	2.76	2.68	4.05	3.91	6.88	3.54	2.74	2.87	2.83	2.40	4.82
27	2.94	2.76	2.67	3.99	3.84	6.81	3.48	2.70	2.81	2.88	2.33	5.02
28	2.91	2.78	2.68	3.93	3.78	6.82	3.43	2.67	2.73	2.90	2.35	5.24
29	2.90	2.79	2.68	3.93	---	6.75	3.37	2.65	2.77	2.86	2.50	5.45
30	2.89	2.78	2.67	3.91	---	6.52	3.32	2.63	2.89	2.77	2.64	5.60
31	2.88	---	2.66	3.87	---	6.24	---	2.62	---	2.69	2.79	---
MEAN	3.41	2.84	2.74	3.35	4.08	7.87	4.32	2.88	2.66	2.82	2.40	4.52
MAX	4.71	2.92	2.82	4.05	4.65	11.21	5.97	3.30	2.91	3.22	2.79	5.69
MIN	2.88	2.76	2.66	2.66	3.51	3.74	3.32	2.62	2.46	2.50	2.28	3.19

SATILLA RIVER BASIN
2002 Water Year

02226500 SATILLA RIVER NEAR WAYCROSS, GA

LOCATION.—Lat 31°14'17", long 82°19'29" referenced to North American Datum (NAD) of 1927, Ware-Pierce County line, Hydrologic Unit 03070201, on downstream side of pier near center span of bridge on GA 38, 3.0 miles northeast of Waycross, and 16.0 miles upstream from Alabaha River.

DRAINAGE AREA.—1,200 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1937 to current year.

REVISED RECORDS.—WSP 952: 1939. WSP 1624: Drainage area. WDR GA-87- 1: 1986.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 66.43 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to November 22, 1952, a non-recording gage was located at site 300.00 feet downstream at same datum.

REMARKS.—Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1862, that of April 4, 1948.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,700 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 9	2100	1,030*	10.38*

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1937 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 66.43 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to November 22, 1952, a non-recording gage was located at site 300.00 feet downstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 10.38 feet, March 9; minimum gage-height recorded, 3.40 feet, August 13.

STATION NUMBER 02226500 SATILLA RIVER NEAR WAYCROSS, GA SOURCE AGENCY USGS STATE 13 COUNTY 299
LATITUDE 311417 LONGITUDE 0821929 NAD27 DRAINAGE AREA 1200.00* CONTRIBUTING DRAINAGE AREA DATUM 66.43 NGVD29
Date Processed: 2003-03-10 11:07 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	17	26	16	59	60	200	51	13	9.9	8.3	150
2	45	17	26	24	55	209	181	45	12	9.6	9.5	115
3	52	17	24	26	50	777	163	40	12	16	9.6	91
4	49	23	22	23	47	980	149	36	12	28	11	74
5	44	37	20	20	44	927	135	32	12	19	15	63
6	42	43	20	22	43	923	125	29	11	15	15	56
7	40	46	19	25	105	936	119	27	13	14	13	48
8	36	49	19	25	113	968	113	25	17	14	11	41
9	36	50	22	25	90	1020	106	24	16	24	9.7	35
10	34	51	20	26	104	1010	110	24	14	23	8.7	29
11	32	51	19	27	125	927	107	29	12	20	8.2	24
12	30	48	19	31	144	813	103	25	10	16	7.8	20
13	28	39	19	110	163	710	99	23	9.6	15	12	18
14	27	37	19	77	175	602	97	39	9.1	16	14	19
15	28	37	19	73	167	494	117	28	8.5	16	13	29
16	27	33	19	58	153	412	111	22	8.2	14	11	28
17	25	28	19	54	140	361	105	19	8.1	12	11	27
18	24	26	19	62	127	330	104	20	8.2	21	13	32
19	23	26	19	69	116	307	99	38	8.5	16	23	47
20	22	24	19	69	106	282	95	32	8.0	11	25	67
21	22	22	18	111	100	366	97	25	8.7	8.5	21	88
22	21	22	17	112	91	392	96	20	8.9	7.9	18	110
23	20	25	18	83	86	370	91	19	8.4	7.9	16	127
24	20	29	20	70	79	368	84	19	8.3	31	16	143
25	20	26	19	67	73	342	78	17	7.9	52	22	164
26	19	24	17	66	69	307	81	17	18	32	27	150
27	19	24	17	65	66	275	86	16	27	21	44	142
28	18	25	17	67	62	247	77	15	14	16	84	107
29	17	26	17	68	---	233	67	14	11	13	45	87
30	17	26	17	67	---	224	58	14	9.3	11	66	75
31	17	---	17	62	---	214	---	14	---	9.2	162	---
TOTAL	898	948	602	1700	2752	16386	3253	798	343.7	539.0	769.8	2206
MEAN	29.0	31.6	19.4	54.8	98.3	529	108	25.7	11.5	17.4	24.8	73.5
MAX	52	51	26	112	175	1020	200	51	27	52	162	164
MIN	17	17	17	16	43	60	58	14	7.9	7.9	7.8	18
CFSM	0.02	0.03	0.02	0.05	0.08	0.44	0.09	0.02	0.01	0.01	0.02	0.06
IN.	0.03	0.03	0.02	0.05	0.09	0.51	0.10	0.02	0.01	0.02	0.02	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	549	355	859	1459	2092	2312	1686	580	437	584	753	647
MAX	5135	5516	5551	6302	7789	7218	7487	2675	4838	2778	4128	4047
(WY)	1948	1948	1965	1987	1986	1959	1948	1964	1973	1963	1971	1949
MIN	7.52	9.13	17.6	48.3	74.4	91.1	68.4	18.7	11.5	10.1	12.4	7.34
(WY)	1955	1955	1955	1981	1989	1955	1938	1999	2002	1990	1954	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	154503		31195.5			
ANNUAL MEAN	423		85.5		1017	
HIGHEST ANNUAL MEAN					2910	1948
LOWEST ANNUAL MEAN					85.5	2002
HIGHEST DAILY MEAN	5830	Mar 21	1020	Mar 9	37000	Apr 4 1948
LOWEST DAILY MEAN	17	Oct 29	7.8	Aug 12	5.5	Oct 9 1990
ANNUAL SEVEN-DAY MINIMUM	17	Oct 28	8.3	Jun 15	5.6	Oct 3 1990
MAXIMUM PEAK FLOW			1030	Mar 10	39000	Apr 4 1948
MAXIMUM PEAK STAGE			10.38	Mar 10	22.40	Apr 4 1948
INSTANTANEOUS LOW FLOW			7.4	Aug 13	5.5	Oct 9 1990
ANNUAL RUNOFF (CFSM)	0.35		0.071		0.85	
ANNUAL RUNOFF (INCHES)	4.79		0.97		11.52	
10 PERCENT EXCEEDS	1150		163		2870	
50 PERCENT EXCEEDS	136		27		310	
90 PERCENT EXCEEDS	20		12		31	

STATION NUMBER 02226500 SATILLA RIVER NEAR WAYCROSS, GA SOURCE AGENCY USGS STATE 13 COUNTY 299
LATITUDE 311417 LONGITUDE 0821929 NAD27 DRAINAGE AREA 1200.00* CONTRIBUTING DRAINAGE AREA DATUM 66.43 NGVD29
Date Processed: 2003-03-10 11:05 By acday
APPROVED
DD #3
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.11	3.60	3.80	3.58	4.32	4.34	5.75	4.27	3.58	3.51	3.45	5.38
2	4.12	3.60	3.80	3.74	4.26	5.64	5.59	4.18	3.56	3.50	3.50	5.08
3	4.22	3.60	3.76	3.79	4.20	9.22	5.45	4.11	3.55	3.64	3.50	4.85
4	4.18	3.74	3.71	3.74	4.16	10.21	5.33	4.04	3.56	3.94	3.55	4.66
5	4.11	3.99	3.67	3.68	4.11	10.00	5.20	3.98	3.55	3.77	3.66	4.54
6	4.07	4.09	3.67	3.72	4.09	9.98	5.11	3.93	3.54	3.68	3.67	4.46
7	4.04	4.14	3.65	3.77	4.86	10.04	5.06	3.89	3.58	3.63	3.62	4.36
8	3.98	4.18	3.64	3.78	4.97	10.17	5.00	3.85	3.71	3.64	3.56	4.27
9	3.98	4.20	3.71	3.78	4.71	10.33	4.92	3.82	3.68	3.87	3.51	4.17
10	3.95	4.22	3.67	3.79	4.86	10.32	4.97	3.81	3.62	3.86	3.47	4.07
11	3.90	4.22	3.65	3.80	5.09	10.0	4.94	3.91	3.55	3.79	3.44	3.98
12	3.87	4.17	3.65	3.87	5.27	9.48	4.89	3.85	3.51	3.70	3.42	3.90
13	3.84	4.03	3.65	4.93	5.44	8.92	4.85	3.81	3.49	3.66	3.54	3.84
14	3.82	3.99	3.66	4.55	5.54	8.29	4.83	4.10	3.47	3.69	3.64	3.86
15	3.84	4.00	3.65	4.50	5.48	7.67	5.04	3.91	3.45	3.70	3.62	4.08
16	3.81	3.92	3.64	4.31	5.35	7.18	4.98	3.79	3.43	3.64	3.56	4.06
17	3.77	3.84	3.64	4.26	5.23	6.87	4.92	3.73	3.42	3.57	3.56	4.04
18	3.75	3.79	3.66	4.37	5.11	6.67	4.91	3.75	3.43	3.80	3.60	4.13
19	3.73	3.78	3.65	4.45	5.00	6.51	4.85	4.09	3.45	3.70	3.86	4.37
20	3.72	3.76	3.64	4.45	4.90	6.34	4.81	3.99	3.42	3.54	3.89	4.63
21	3.70	3.72	3.62	4.90	4.83	6.88	4.83	3.85	3.46	3.46	3.82	4.86
22	3.69	3.72	3.61	4.95	4.73	7.06	4.82	3.76	3.47	3.42	3.73	5.07
23	3.68	3.77	3.62	4.63	4.66	6.92	4.76	3.72	3.45	3.43	3.70	5.22
24	3.68	3.85	3.66	4.47	4.58	6.91	4.68	3.73	3.45	3.89	3.69	5.36
25	3.67	3.80	3.63	4.43	4.50	6.75	4.62	3.70	3.43	4.35	3.80	5.52
26	3.66	3.75	3.61	4.42	4.45	6.51	4.65	3.68	3.66	4.03	3.94	5.41
27	3.64	3.76	3.59	4.41	4.41	6.29	4.72	3.66	3.93	3.82	4.08	5.34
28	3.63	3.77	3.59	4.43	4.37	6.10	4.62	3.64	3.65	3.69	4.73	5.05
29	3.61	3.79	3.61	4.44	---	6.00	4.49	3.62	3.55	3.61	4.24	4.84
30	3.60	3.80	3.60	4.42	---	5.93	4.37	3.61	3.49	3.54	4.53	4.72
31	3.59	---	3.59	4.37	---	5.86	---	3.60	---	3.48	5.45	---
MEAN	3.84	3.89	3.65	4.22	4.77	7.72	4.93	3.85	3.54	3.70	3.78	4.60
MAX	4.22	4.22	3.80	4.95	5.54	10.33	5.75	4.27	3.93	4.35	5.45	5.52
MIN	3.59	3.60	3.59	3.58	4.09	4.34	4.37	3.60	3.42	3.42	3.42	3.84

ST MARYS RIVER BASIN
2002 Water Year

02228500 NORTH PRONG ST. MARYS RIVER AT MONIAC, GA

LOCATION.—Lat 30°31'03", long 82°13'50" referenced to North American Datum (NAD) of 1927, Iin NW ¼ Section 8, T. 1 N., R. 21 E., Baker County, FL, Hydrologic Unit 03070204, near right bank at downstream side of bridge on FL 2 and GA 94, 0.2 miles upstream from Georgia Southern & Florida Railway Bridge, 0.4 miles west of Moniac, 1.0 mile downstream from Moccasin Creek, and 122.0 miles upstream from mouth of St Marys River.

DRAINAGE AREA.—160 mi^2, approximately; includes part of watershed in Okefenokee Swamp, which is indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 1921 to December 1923 (published at St Marys River at Moniac), January 1927 to June 1930, July 1932 to June 1934, October 1950 to September 1989, October 1989 to July, 1990 (discharge measurements only), August, 1990 to current year.

REVISED RECORDS.—WSP 1234: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 89.40 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to June 30, 1934, a non-recording gage was located at site 800 feet downstream at datum 3.22 feet higher. From October 3, 1950 to October 17, 1988, a water-stage recorder, and from October 17, 1988 to August 10, 1990, a non-recording gage was located at present site and datum.

REMARKS.—Records fair, except for periods of estimated discharge, which are poor. This station is operated by the USGS, Florida District. For more information, please check http://fl.water.usgs.gov.

STATION NUMBER 02228500 NORTH PRONG ST. MARYS RIVER AT MONIAC, GA. SOURCE AGENCY USGS STATE 12 COUNTY 003
LATITUDE 303103 LONGITUDE 0821350 NAD27 DRAINAGE AREA 160.00* CONTRIBUTING DRAINAGE AREA DATUM
Date Processed: 2003-02-18 11:07 By sdickers

DISCHARGE, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	1.4	0.02	4.1	15	5.7	23	1.2	0.00	0.68	1.1	14
2	12	1.2	0.02	5.1	14	10	21	1.0	0.00	0.51	0.98	17
3	10	1.2	0.01	7.2	13	137	20	0.79	0.00	0.27	1.4	18
4	8.7	1.1	0.01	7.1	12	503	19	0.61	0.00	0.16	3.4	17
5	7.8	0.91	0.01	6.7	11	463	18	0.49	0.00	0.14	7.6	16
6	7.1	0.70	0.01	6.7	9.9	366	16	0.43	0.00	0.10	5.1	14
7	6.7	0.67	0.01	7.7	10	308	14	0.37	0.00	0.05	3.6	11
8	6.1	0.61	0.01	7.5	11	276	13	0.29	0.00	0.0	2.6	8.7
9	5.6	0.52	0.02	7.1	11	252	12	0.21	0.00	0.00	1.8	7.0
10	5.4	0.34	0.18	6.7	10	222	11	0.17	0.00	0.00	1.4	5.7
11	5.7	0.23	3.6	6.6	9.7	185	10	0.14	0.00	0.00	1.2	4.6
12	5.2	0.17	3.9	6.5	8.9	153	10	0.12	0.00	0.00	1.1	3.8
13	4.8	0.13	e3.4	7.8	8.2	130	15	0.10	0.00	0.00	1.0	4.3
14	4.6	0.13	e4.2	10	7.9	113	20	0.08	0.00	0.00	2.0	4.6
15	4.3	0.13	e4.9	21	7.8	97	21	0.07	0.00	0.00	3.7	10
16	3.9	0.11	e6.1	18	7.4	85	19	0.05	0.00	0.00	4.7	20
17	3.5	0.10	e6.9	15	6.9	75	16	0.05	0.00	0.00	4.3	22
18	3.1	0.09	e7.5	13	6.2	66	14	0.05	0.00	0.00	3.9	18
19	2.9	0.07	e9.1	12	5.9	58	12	0.04	0.00	0.00	3.6	15
20	2.6	0.06	e10	11	5.6	52	11	0.02	0.00	0.00	3.5	12
21	2.4	0.05	e10	17	5.5	47	9.0	0.0	0.00	0.00	7.4	10
22	2.2	0.05	e9.6	29	5.5	45	6.9	0.00	0.00	0.00	13	8.7
23	2.0	0.04	e9.4	24	6.3	41	5.2	0.00	0.00	0.00	12	7.2
24	1.9	0.04	e9.1	22	9.2	38	4.3	0.00	0.00	0.02	9.2	6.5
25	2.2	0.04	7.9	20	8.2	35	3.5	0.00	0.00	0.53	6.9	11
26	2.8	0.04	6.6	20	7.7	33	2.8	0.00	0.00	0.62	5.4	13
27	2.3	0.03	6.1	20	7.0	31	2.3	0.00	0.09	1.5	6.7	16
28	1.8	0.02	5.5	19	6.2	29	1.9	0.00	0.34	1.6	6.4	16
29	1.6	0.02	5.3	18	---	27	1.6	0.00	0.48	3.3	5.7	14
30	1.5	0.02	5.0	17	---	25	1.4	0.00	0.58	2.5	6.1	12
31	1.5	---	4.5	16	---	24	---	0.00	---	1.6	14	---
TOTAL	146.2	10.22	138.90	408.8	247.0	3931.7	353.9	6.28	1.49	13.58	150.78	357.1
MEAN	4.716	0.341	4.481	13.19	8.821	126.8	11.80	0.203	0.050	0.438	4.864	11.90
MAX	14	1.4	10	29	15	503	23	1.2	0.58	3.3	14	22
MIN	1.5	0.02	0.01	4.1	5.5	5.7	1.4	0.00	0.00	0.00	0.98	3.8
CFSM	0.03	0.00	0.03	0.08	0.06	0.79	0.07	0.00	0.00	0.00	0.03	0.07
IN.	0.03	0.00	0.03	0.10	0.06	0.91	0.08	0.00	0.00	0.00	0.04	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921 - 2002, BY WATER YEAR (WY)

MEAN	143.9	53.50	90.22	167.6	230.6	236.2	188.1	66.90	82.65	111.9	172.7	192.2
MAX	914	520	498	583	1427	1203	2238	540	775	802	726	1592
(WY)	1951	1970	1977	1986	1998	1959	1973	1964	1957	1928	1971	1928
MIN	0.003	0.000	0.13	0.19	0.21	0.40	0.20	0.20	0.040	0.000	0.006	0.023
(WY)	1955	1955	1955	1934	1934	1955	1934	2002	1954	1954	1954	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1921 - 2002	
ANNUAL TOTAL	5284.22		5765.95			
ANNUAL MEAN	14.48		15.80		144.4	
HIGHEST ANNUAL MEAN					377	1973
LOWEST ANNUAL MEAN					15.8	2002
HIGHEST DAILY MEAN	248	Mar 21	503	Mar 4	11400	Apr 5 1973
LOWEST DAILY MEAN	0.00	May 27	0.00	May 21	0.00	Jun 16 1921
ANNUAL SEVEN-DAY MINIMUM	0.00	May 27	0.00	May 21	0.00	Jun 16 1921
MAXIMUM PEAK FLOW			540	Mar 4	11600	Apr 5 1973
MAXIMUM PEAK STAGE			10.44	Mar 4	22.98	Apr 5 1973
ANNUAL RUNOFF (CFSM)	0.090		0.099		0.90	
ANNUAL RUNOFF (INCHES)	1.23		1.34		12.26	
10 PERCENT EXCEEDS	29		21		390	
50 PERCENT EXCEEDS	7.6		4.6		44	
90 PERCENT EXCEEDS	0.04		0.00		1.3	

e Estimated

ST MARYS RIVER BASIN
2002 Water Year

02231000 ST MARYS RIVER NEAR MACCLENNY, FL

LOCATION.—Lat 30°21'31", long 82°04'54" referenced to North American Datum (NAD) of 1927, in NW ¼, Section 2, T. 2 S., R. 22 E., Baker County, FL, Hydrologic Unit 03070204, on right bank 200.0 feet downstream from site of former Stokes Bridge, 1.0 mile downstream from confluence of North and South Prongs, 6.0 miles northeast of Macclenny, and 100.0 miles upstream from mouth.

DRAINAGE AREA.—700 mi^2, approximately; includes part of watershed in Okefenokee Swamp, which is indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1926 to current year.

REVISED RECORDS.—WSP 1082: 1928(M), 1945(M). WSP 1142: 1928, 1945. WSP 1434: 1927. WSP 1905: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 40.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Mees and Mees). Prior to February 21, 1939, a non-recording gage, and from February 21, 1939 to August 15, 1948, a water-stage recorder was located at the site of a former bridge 200.00 feet upstream at same datum.

REMARKS.—Records fair. This station is operated by the USGS, Florida District. For more information, please check http://fl.water.usgs.gov.

STATION NUMBER 02231000 ST. MARYS RIVER NR MACCLENNY, FLA. STREAM SOURCE AGENCY USGS STATE 12 COUNTY 003
LATITUDE 302131 LONGITUDE 0820454 NAD27 DRAINAGE AREA 700.00* CONTRIBUTING DRAINAGE AREA DATUM
Date Processed: 2003-02-18 11:07 By sdickers

DISCHARGE, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	171	28	26	31	149	66	148	35	15	80	124	316
2	142	27	26	33	135	69	144	33	15	92	148	343
3	121	28	25	36	123	305	139	31	15	101	257	326
4	105	31	25	40	112	1900	143	29	14	104	214	287
5	93	30	26	40	103	2440	143	28	13	91	183	250
6	84	28	26	40	97	2170	133	27	14	70	184	218
7	76	27	25	39	95	1820	123	26	20	54	162	186
8	70	26	25	38	97	1540	112	25	17	46	126	158
9	66	26	25	36	99	1310	101	24	18	55	101	133
10	61	26	29	35	97	1100	92	24	17	86	86	112
11	57	25	32	35	92	937	87	23	16	76	77	95
12	54	25	38	34	88	822	84	22	15	67	70	82
13	51	25	38	35	83	744	102	20	14	78	64	72
14	48	29	36	43	80	692	142	19	13	129	68	74
15	46	34	36	101	77	640	174	18	12	112	142	123
16	43	44	35	202	73	584	164	18	10	87	180	237
17	41	43	34	171	70	529	144	19	9.6	67	128	308
18	38	38	32	128	67	479	122	22	9.7	52	111	290
19	37	35	30	108	65	432	104	22	11	42	106	244
20	36	33	29	97	62	389	91	21	18	39	102	206
21	35	31	28	117	60	353	81	19	24	52	92	179
22	35	30	28	250	59	333	71	19	29	60	92	157
23	33	30	27	312	61	315	65	18	30	64	104	138
24	33	30	31	253	69	287	58	18	30	75	114	128
25	32	30	33	208	81	260	53	18	32	70	109	136
26	31	29	36	197	84	236	49	17	40	68	94	138
27	29	28	38	205	77	216	46	16	42	225	88	137
28	28	28	36	195	70	198	42	16	38	257	117	139
29	27	27	35	180	---	183	39	15	61	276	184	130
30	28	26	33	176	---	168	38	15	110	240	198	117
31	28	---	32	164	---	155	---	15	---	166	271	---
TOTAL	1779	897	955	3579	2425	21672	3034	672	722.3	3081	4096	5459
MEAN	57.39	29.90	30.81	115.5	86.61	699.1	101.1	21.68	24.08	99.39	132.1	182.0
MAX	171	44	38	312	149	2440	174	35	110	276	271	343
MIN	27	25	25	31	59	66	38	15	9.6	39	64	72
MED	43	29	31	101	82	432	102	20	17	76	114	148
CFSM	0.08	0.04	0.04	0.16	0.12	1.00	0.14	0.03	0.03	0.14	0.19	0.26
IN.	0.09	0.05	0.05	0.19	0.13	1.15	0.16	0.04	0.04	0.16	0.22	0.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2002, BY WATER YEAR (WY)

MEAN	801.7	267.7	366.3	604.0	852.1	941.8	738.9	307.2	344.4	573.6	898.3	995.6
MAX	6240	4155	2470	2404	5940	4928	6564	3303	2642	2183	3296	6340
(WY)	1948	1948	1948	1942	1998	1959	1973	1964	1957	1928	1945	1964
MIN	22.7	15.9	18.0	21.7	20.2	44.7	25.7	20.4	18.8	31.3	24.9	21.4
(WY)	1932	1932	1932	1932	1934	1932	1935	1932	1935	1954	1954	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1927 - 2002	
ANNUAL TOTAL	38821		48371.3			
ANNUAL MEAN	106.4		132.5		640.0	
HIGHEST ANNUAL MEAN					2285	1948
LOWEST ANNUAL MEAN					90.1	1955
HIGHEST DAILY MEAN	1680	Sep 16	2440	Mar 5	27600	Sep 25 1947
LOWEST DAILY MEAN	13	May 28	9.6	Jun 17	9.6	Jun 17 2002
ANNUAL SEVEN-DAY MINIMUM	14	May 23	11	Jun 13	11	Jun 13 2002
MAXIMUM PEAK FLOW			2490	Mar 5	28100	Sep 25 1947
MAXIMUM PEAK STAGE			11.77	Mar 5	23.25	Sep 13 1964
INSTANTANEOUS LOW FLOW			9.5	Jun 17	9.5	Jun 17 2002
ANNUAL RUNOFF (CFSM)	0.15		0.19		0.91	
ANNUAL RUNOFF (INCHES)	2.06		2.57		12.42	
10 PERCENT EXCEEDS	257		250		1600	
50 PERCENT EXCEEDS	44		67		215	
90 PERCENT EXCEEDS	24		21		37	

STATION NUMBER 02231000 ST. MARYS RIVER NR MACCLENNY, FLA. STREAM SOURCE AGENCY USGS STATE 12 COUNTY 003
LATITUDE 302131 LONGITUDE 0820454 NAD27 DRAINAGE AREA 700.00* CONTRIBUTING DRAINAGE AREA DATUM
Date Processed: 2003-02-18 11:07 By sdickers

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.06	1.27	1.20	1.28	2.75	1.80	2.82	1.43	1.08	2.06	2.58	4.28
2	2.78	1.26	1.20	1.32	2.61	1.84	2.78	1.39	1.09	2.21	2.81	4.47
3	2.56	1.27	1.19	1.37	2.49	3.72	2.73	1.36	1.07	2.32	3.82	4.35
4	2.39	1.30	1.19	1.43	2.37	10.29	2.77	1.33	1.06	2.35	3.45	4.06
5	2.25	1.30	1.20	1.43	2.27	11.70	2.77	1.31	1.05	2.20	3.16	3.76
6	2.13	1.27	1.20	1.42	2.19	11.09	2.67	1.30	1.07	1.93	3.17	3.48
7	2.03	1.25	1.19	1.41	2.17	10.16	2.56	1.29	1.19	1.72	2.96	3.19
8	1.95	1.23	1.19	1.39	2.19	9.41	2.44	1.27	1.13	1.60	2.59	2.92
9	1.89	1.23	1.19	1.37	2.22	8.71	2.32	1.25	1.14	1.73	2.32	2.67
10	1.82	1.22	1.25	1.35	2.19	8.04	2.22	1.25	1.12	2.14	2.14	2.44
11	1.76	1.21	1.29	1.34	2.14	7.48	2.15	1.23	1.11	2.01	2.02	2.25
12	1.71	1.21	1.40	1.33	2.08	7.04	2.12	1.21	1.09	1.89	1.93	2.08
13	1.68	1.20	1.40	1.35	2.03	6.73	2.33	1.18	1.07	2.03	1.85	1.97
14	1.63	1.27	1.37	1.47	1.98	6.48	2.76	1.16	1.03	2.63	1.91	1.99
15	1.59	1.34	1.37	2.21	1.94	6.22	3.07	1.15	1.00	2.44	2.75	2.55
16	1.55	1.49	1.35	3.26	1.90	5.93	2.97	1.15	0.98	2.15	3.13	3.64
17	1.50	1.47	1.33	2.96	1.86	5.63	2.78	1.16	0.96	1.89	2.62	4.22
18	1.47	1.39	1.31	2.54	1.81	5.34	2.56	1.21	0.97	1.68	2.43	4.08
19	1.45	1.34	1.28	2.32	1.78	5.06	2.36	1.21	1.01	1.53	2.37	3.71
20	1.43	1.31	1.25	2.19	1.75	4.78	2.20	1.19	1.13	1.49	2.33	3.37
21	1.41	1.29	1.23	2.41	1.72	4.54	2.07	1.17	1.25	1.68	2.21	3.12
22	1.40	1.27	1.23	3.66	1.70	4.40	1.95	1.16	1.34	1.80	2.21	2.91
23	1.38	1.27	1.22	4.18	1.73	4.27	1.86	1.15	1.35	1.85	2.35	2.72
24	1.37	1.26	1.28	3.70	1.84	4.06	1.78	1.15	1.35	2.00	2.47	2.62
25	1.36	1.26	1.31	3.31	1.99	3.84	1.70	1.14	1.37	1.94	2.41	2.70
26	1.33	1.25	1.37	3.20	2.02	3.64	1.64	1.12	1.51	1.90	2.23	2.72
27	1.31	1.24	1.39	3.28	1.94	3.47	1.59	1.11	1.54	3.52	2.16	2.71
28	1.28	1.23	1.37	3.19	1.86	3.31	1.54	1.10	1.47	3.82	2.49	2.73
29	1.27	1.22	1.34	3.04	---	3.16	1.49	1.09	1.80	3.97	3.17	2.64
30	1.27	1.21	1.32	3.00	---	3.01	1.47	1.09	2.42	3.67	3.31	2.50
31	1.27	---	1.30	2.89	---	2.89	---	1.08	---	2.99	3.93	---
MEAN	1.72	1.28	1.28	2.28	2.05	5.74	2.28	1.21	1.23	2.23	2.62	3.10
MAX	3.06	1.49	1.40	4.18	2.75	11.70	3.07	1.43	2.42	3.97	3.93	4.47
MIN	1.27	1.20	1.19	1.28	1.70	1.80	1.47	1.08	0.96	1.49	1.85	1.97

SUWANNEE RIVER BASIN
2002 Water Year

02314274 SUWANNEE RIVER AT SILL, NEAR FARGO, GA

LOCATION.—Lat 30°48'14", long 82°25'03" referenced to North American Datum (NAD) of 1927, in Okefenokee National Wildlife Refuge and Wilderness Area, Charlton County, Hydrologic Unit 03110201, at southern control structure on Okefenokee Swamp Sill, 12.0 miles northeast of Fargo.

DRAINAGE AREA.—Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1, 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good, except for estimated daily discharges, which are fair.

STATION NUMBER 02314274 SUWANNEE RIVER AT SILL NEAR FARGO, GA SOURCE AGENCY USGS STATE 13 COUNTY 049
LATITUDE 304814 LONGITUDE 0822503 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 117.00 NGVD29
Date Processed: 2003-02-19 10:20 By dgoin
APPROVED RECORD
DISCHARGE, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70	21	14	18	54	33	129	33	20	17	13	27
2	66	21	14	20	52	60	122	30	19	15	12	28
3	63	20	13	24	50	341	116	28	18	15	15	28
4	59	20	13	24	48	458	110	26	17	e13	19	27
5	55	19	13	24	46	471	104	24	15	e14	19	26
6	53	19	12	25	44	501	98	23	16	e11	17	25
7	51	19	12	25	52	529	93	22	20	e10	15	24
8	48	18	12	25	56	544	88	20	22	e9.5	13	23
9	46	17	12	24	54	546	83	20	23	e10	12	22
10	44	17	14	23	53	533	80	18	23	e9.0	11	21
11	43	17	16	23	52	508	79	17	22	e15	11	20
12	42	16	17	22	51	481	78	17	22	e14	11	19
13	40	15	17	24	49	457	77	16	21	e11	10	18
14	39	15	18	30	48	429	77	15	19	e20	11	20
15	38	15	18	46	47	401	81	15	18	e28	13	27
16	36	15	18	47	46	372	82	14	18	e22	15	28
17	34	14	17	48	44	347	82	14	18	e20	16	29
18	33	14	17	48	42	323	80	16	18	e17	17	28
19	32	14	17	48	41	300	79	33	18	e25	17	28
20	31	14	17	47	39	278	76	37	18	e34	17	27
21	30	13	16	54	39	281	72	37	18	e26	18	26
22	29	13	16	62	37	287	68	37	17	e28	17	25
23	28	13	16	61	39	264	64	36	18	e32	15	24
24	27	13	19	59	40	241	59	35	18	e85	14	27
25	28	13	20	59	39	223	54	32	19	e90	14	36
26	27	14	21	60	37	207	50	30	19	e75	20	37
27	26	14	21	60	36	194	46	29	18	22	23	40
28	24	14	20	61	34	177	42	27	21	21	27	40
29	23	14	20	60	---	161	39	25	20	18	25	40
30	23	14	20	58	---	148	36	23	18	16	24	41
31	22	---	19	56	---	135	---	22	---	14	26	---
MEAN	39.03	15.83	16.42	40.81	45.32	330.0	78.13	24.87	19.03	24.40	16.35	27.70
MAX	70	21	21	62	56	546	129	37	23	90	27	41
MIN	22	13	12	18	34	33	36	14	15	9.0	10	18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2002, BY WATER YEAR (WY)

MEAN	414.8	98.47	55.66	87.11	168.0	186.8	99.67	30.04	34.06	92.90	91.40	72.77
MAX	1462	316	147	244	543	330	154	45.4	96.6	225	211	117
(WY)	1999	1999	1999	1999	1999	2002	2001	2000	2001	2001	2001	2000
MIN	39.0	15.8	16.4	22.0	21.8	59.7	69.1	18.0	9.18	24.4	16.4	27.7
(WY)	2002	2002	2002	2001	2001	2000	2000	2001	1999	2002	2002	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1999 - 2002	
ANNUAL MEAN	83.65		56.82		119.4	
HIGHEST ANNUAL MEAN					275	1999
LOWEST ANNUAL MEAN					56.8	2002
HIGHEST DAILY MEAN	464	Aug 6	546	Mar 9	e1840	Oct 12 1998
LOWEST DAILY MEAN	3.4	Jun 8	9.0	Jul 10	3.0	Jun 15 2000
ANNUAL SEVEN-DAY MINIMUM	4.0	Jun 3	11	Jul 4	3.7	Jun 10 2000
MAXIMUM PEAK FLOW			548	Mar 8	e1840	Oct 12 1998
MAXIMUM PEAK STAGE			110.16	Mar 8	110.16	Mar 8 2002
INSTANTANEOUS LOW FLOW			9.0	Jul 10	2.8	Jun 14 2000
10 PERCENT EXCEEDS	215		91		254	
50 PERCENT EXCEEDS	29		25		51	
90 PERCENT EXCEEDS	13		14		15	

e Estimated

02314274 SUWANNEE RIVER AT SILL NEAR FARGO, GA

LOCATION.—Lat 30°48'14", long 82°25'03", referenced to North American Datum (NAD) of 1927, in Okefenokee National Wildlife Refuge and Wilderness Area, Charlton County, Hydrologic Unit 03110201, at southern control structure on Okefenokee Swamp Sill, 12.0 miles northeast of Fargo.

DRAINAGE AREA.—Indeterminate.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—October 1998 to current year.

REMARKS.—None.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	COLOR (PLATINUM-COBALT UNITS) (00080)	SAMPLING METHOD, CODES (82398)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)
NOV													
28...	1115	1028	81213	105.21	280	40	760	8.3	92	3.5	98	24.0	20.0
FEB													
13...	1130	1028	81213	106.12	240	10	763	8.6	81	3.8	93	--	12.9
MAY													
15...	1050	1028	80020	104.90	--	30	765	7.2	85	3.8	97	25.5	24.0
JUL													
15...	1130	1028	--	105.42	--	40	762	8.8	115	--	88	31.5	29.5

Date	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	ANC UNFLTRD TIT 4.5 LAB (MG/L AS CACO3) (90410)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)
NOV													
28...	5	.73	.71	<.10	.9	4.7	--	8.40	<.1	8.70	<.20	11	117
FEB													
13...	4	.66	.56	<.10	1	4.5	<1	8.10	<.1	12.0	.60	10	94
MAY													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	CADMIUM DISSOLVED (UG/L AS CD) (01025)
NOV													
28...	E1.2c	<.01	<.020	<.01	E.010c	<.02c	52.7	2.1	<1	<1	<1	<1	<1.0
FEB													
13...	3.0	<.01	<.020	<.01	<.010	.02	--	--	<1	<1	<1	<1	<1.0
MAY													
15...	--	--	--	--	--	--	57.7	.8	--	--	--	--	--
JUL													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--

02314274 SUWANNEE RIVER AT SILL NEAR FARGO, GA--continued

Date	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)
NOV													
28...	<1.0	<1.0	<1.0	1.1	<1.0	541	<1	<1	<.10	<.1	<1.0	<1.0	<1
FEB													
13...	<1.0	<1.0	2.4	<1.0	<1.0	401	<1	<1	<.10	<.1	<1.0	1.2	<1
MAY													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	SELE-NIUM, TOTAL (UG/L AS SE) (01147)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	TANNIN AND LIGNIN (MG/L) (32240)	SAMPLER TYPE (CODE) (84164)
NOV							
28...	<1	7.5	<1	4	5	11.0	3060
FEB							
13...	<1	6.6	<1	4	13	9.8	3060
MAY							
15...	--	--	--	--	--	--	3060
JUL							
15...	--	--	--	--	--	--	3060

Remark codes used in this report:
< -- Less than
E -- Estimated value

023142741 NORTH FORK SUWANNEE RIVER AT SILL, NEAR FARGO, GA

LOCATION.—Lat 30`48'58", long 82`24'49" referenced to North American Datum (NAD) of 1927, in Okefenokee National Wildlife Refuge and Wilderness Area, Charlton County, Hydrologic Unit 03110201, at northern control structure on Okefenokee Swamp Sill, 12.5 miles northeast of Fargo.

DRAINAGE AREA.—Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1, 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records fair.

STATION NUMBER 023142741 NORTH FORK SUWANNEE RIVER AT SILL NEAR FARGO GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 049
LATITUDE 304858 LONGITUDE 0822449 NAD27 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 117.00 NGVD29
Date Processed: 2003-02-19 10:21 By dgoin
APPROVED RECORD
DISCHARGE, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e17	0.86	0.30	2.2	14	34	38	2.4	0.11	0.15	2.3	4.0
2	15	0.88	0.28	2.6	14	203	35	1.7	0.08	0.35	3.8	3.4
3	14	0.83	0.26	2.4	13	216	32	1.2	0.07	0.42	5.3	2.7
4	13	0.70	0.24	2.2	13	229	30	0.82	0.05	0.23	4.9	2.2
5	12	0.65	0.23	2.4	12	252	27	0.64	0.10	0.16	3.6	1.7
6	11	0.62	0.23	2.3	17	270	25	0.54	0.26	0.11	2.5	1.3
7	10	0.59	0.28	2.1	17	276	23	0.47	0.21	0.28	1.8	1.1
8	9.5	0.54	0.60	2.0	16	273	21	0.35	0.15	1.8	1.3	0.88
9	8.9	0.52	1.2	1.9	16	260	21	0.30	0.11	1.4	1.0	0.75
10	8.2	0.51	1.3	1.9	16	240	20	0.23	0.08	0.64	0.86	0.62
11	7.3	0.45	1.2	2.0	16	220	20	0.19	0.07	9.1	0.74	0.51
12	6.6	0.38	1.1	2.8	15	206	20	0.16	0.06	16	0.82	0.46
13	6.0	0.35	0.99	7.2	14	191	19	0.17	0.03	11	1.1	0.90
14	5.3	0.35	0.94	11	14	174	19	0.15	0.0	6.8	1.3	2.0
15	4.8	0.35	0.86	11	14	160	19	0.11	0.00	4.0	1.1	1.8
16	4.2	0.34	0.86	11	13	148	19	0.09	0.00	5.5	0.84	1.4
17	3.6	0.31	0.89	12	12	136	19	0.77	0.00	18	0.69	1.2
18	3.2	0.30	0.83	12	11	122	19	5.7	0.00	11	0.63	0.95
19	2.8	0.28	0.76	12	11	109	17	4.2	0.0	6.5	1.2	0.80
20	2.5	0.26	0.68	17	11	120	16	2.9	0.03	4.8	2.2	0.69
21	2.4	0.25	0.65	18	10	114	15	2.2	0.05	16	1.7	0.57
22	2.1	0.27	0.80	17	12	102	14	1.7	0.08	28	1.3	0.47
23	2.1	0.30	1.8	17	12	91	13	1.5	0.09	26	0.99	0.89
24	2.2	0.31	1.8	17	11	82	11	1.2	0.28	20	1.5	1.7
25	1.9	0.33	1.6	17	10	75	9.8	0.89	0.34	15	5.5	2.3
26	1.6	0.34	1.5	17	9.8	69	8.6	0.63	0.22	12	7.0	2.8
27	1.4	0.34	1.4	17	8.8	61	7.5	0.46	0.54	9.8	6.9	3.0
28	1.2	0.32	1.4	17	8.0	55	6.1	0.35	0.61	7.1	5.3	3.0
29	1.1	0.30	1.3	16	---	49	4.7	0.27	0.34	5.1	4.6	3.1
30	0.98	0.30	1.3	16	---	45	3.4	0.20	0.21	3.8	4.6	3.1
31	0.93	---	1.2	16	---	42	---	0.15	---	2.8	4.3	---
MEAN	5.897	0.438	0.928	9.839	12.88	149.2	18.40	1.053	0.139	7.866	2.635	1.676
MAX	17	0.88	1.8	18	17	276	38	5.7	0.61	28	7.0	4.0
MIN	0.93	0.25	0.23	1.9	8.0	34	3.4	0.09	0.00	0.11	0.63	0.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2002, BY WATER YEAR (WY)

MEAN	83.51	23.92	16.48	29.57	47.67	109.0	51.79	8.988	11.69	37.58	37.36	21.94
MAX	274	52.3	22.8	49.7	99.4	212	137	17.6	34.9	90.5	90.5	30.5
(WY)	1999	1999	2000	2001	1999	2001	2001	2000	2001	2001	2001	2001
MIN	5.90	0.44	0.93	9.84	12.9	22.1	18.4	1.05	0.14	7.87	2.63	1.68
(WY)	2002	2002	2002	2002	2002	2000	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1999 - 2002	
ANNUAL MEAN	59.41		17.75		40.03	
HIGHEST ANNUAL MEAN					64.2	2001
LOWEST ANNUAL MEAN					17.8	2002
HIGHEST DAILY MEAN	395	Mar 26	276	Mar 7	395	Mar 26 2001
LOWEST DAILY MEAN	0.00	May 28	0.00	Jun 14	0.00	Jun 1 2000
ANNUAL SEVEN-DAY MINIMUM	0.01	Jun 2	0.00	Jun 13	0.00	Jun 13 2002
MAXIMUM PEAK FLOW			276	Mar 7	396	Mar 26 2001
MAXIMUM PEAK STAGE			110.73	Mar 7	111.33	Mar 26 2001
INSTANTANEOUS LOW FLOW			0.00	Jun 14	0.00	May 30 2000
10 PERCENT EXCEEDS	166		27		85	
50 PERCENT EXCEEDS	35		2.2		23	
90 PERCENT EXCEEDS	0.30		0.23		0.74	

e Estimated

023142741 NORTH FORK SUWANNEE RIVER AT SILL NEAR FARGO, GA

LOCATION.—Lat 30°48'58", long 82°24'49", referenced to North American Datum (NAD) of 1927,in Okefenokee National Wildlife Refuge and Wilderness Area, Charlton County, Hydrologic Unit 03110201, at northern control structure on Okefenokee Swamp Sill, 12.5 miles northeast of Fargo.

DRAINAGE AREA.—Indeterminate.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—October 1998 to current year.

REMARKS.—None.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SAM-PLING METHOD, CODES (82398)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
NOV													
28...	0940	1028	80020	106.45	--	70	760	3.9	45	3.7	97	24.0	22.0
FEB													
13...	1100	1028	81213	107.54	200	10	763	8.7	80	3.8	95	--	11.8
APR													
02...	1600	1028	80020	--	--	70	765	6.4	77	3.7	95	--	24.6
MAY													
15...	1015	1028	80020	106.41	--	30	764	4.0	47	4.3	97	24.0	24.0
JUL													
15...	1025	1028	--	107.25	--	40	762	S7.2	--	3.9	87	29.5	27.3

Date	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ANC UNFLTRD TIT 4.5 LAB (MG/L AS CACO3) (90410)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)
NOV													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
13...	6	.93	.77	<.10	1	5.5	--	<1	9.50	<.1	12.0	1.00	6
APR													
02...	4	.75	.556	.05	.9	4.37	69	--u	7.91	--	9.42	.29	--
MAY													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--

023142741 NORTH FORK SUWANNEE RIVER AT SILL NEAR FARGO, GA

Date	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)
NOV													
28...	--	--	--	E1.6	--	--	--	--	--	--	--	--	--
FEB													
13...	110	--	--	5.2	<.01	--	<.020	<.01	--	--	--	--	--
APR													
02...	--	.018	1.0	1.2	--	<.013	--	--	1.0	1.2	.07	.009	<.007
MAY													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)
NOV													
28...	--	E.02	--	--	58.3	.8	--	--	--	--	--	--	--
FEB													
13...	<.010	.02	--	--	--	--	--	<1	<1	<1	<1	<1.0	<1.0
APR													
02...	--	.012	.9	<.1	55.2	.9	330	--	--	--	--	--	--
MAY													
15...	--	--	--	--	63.1	1.0	--	--	--	--	--	--	--
JUL													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)
NOV													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
13...	<1.0	<1.0	<1.0	<1.0	461	<1	<1	--	<.10	<.1	1.4	<1.0	<1
APR													
02...	--	--	--	--	531	--	--	7.8	--	<.01	--	--	<.3
MAY													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	SELE-NIUM, TOTAL (UG/L AS SE) (01147)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	TANNIN AND LIGNIN (MG/L) (32240)	SAMPLER TYPE (CODE) (84164)
NOV							
28...	--	--	--	--	--	--	3070
FEB							
13...	<1	9.7	<1	5	7	8.5	3060
APR							
02...	--	--	--	--	--	--	3070
MAY							
15...	--	--	--	--	--	--	3060
JUL							
15...	--	--	--	--	--	--	--

023142741 NORTH FORK SUWANNEE RIVER AT SILL NEAR FARGO, GA

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
   S -- Most probable value
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference

SUWANNEE RIVER BASIN
2002 Water Year

02314495 SUWANNEE RIVER ABOVE FARGO, GA

LOCATION.—Lat. 30°42' 27", long. 82°32'21" referenced to North American Datum (NAD) of 1927, Clinch County, Hydrologic Unit 03110201, 4.0 miles upstream from Suwannoochee Creek, and 12.0 miles downstream from Mixons Ferry damsite, 2.0 miles upstream of base gage.

DRAINAGE AREA.—1,260 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 14, 1960 to October 26, 1970, November 5, 1971 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 91.90 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Low flow at times affected by manipulation of water level at Mixons Ferry Dam. This gage is the auxiliary for the station 02314500 Suwannee River at Fargo.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.38 feet, March 10; minimum gage-height recorded, 2.45 feet, July 8.

PRECIPITATION RECORDS

PERIOD OF RECORD.—June 6, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02314495 SUWANNEE RIVER ABOVE FARGO, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 065
LATITUDE 304227 LONGITUDE 0823221 NAD83 DRAINAGE AREA 1260.00* CONTRIBUTING DRAINAGE AREA DATUM 91.90 NGVD29
Date Processed: 2003-03-11 11:04 By bemccall
APPROVED
DD #1, AUX
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.77	7.83	2.72	2.75	3.13
2	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.77	7.83	2.64	2.69	3.15
3	7.81	7.81	7.81	7.81	7.81	8.09	7.81	7.78	2.69	2.60	2.68	3.15
4	7.81	7.81	7.81	7.81	7.81	9.02	7.81	7.78	2.67	2.60	2.90	3.13
5	7.81	7.81	7.81	7.81	7.81	9.21	7.81	7.79	2.64	2.58	3.04	3.10
6	7.81	7.82	7.81	7.81	7.81	9.24	7.81	7.79	2.61	2.52	2.96	3.06
7	7.81	7.81	7.81	7.81	7.81	9.26	7.81	7.80	2.77	2.48	2.84	3.02
8	7.81	7.81	7.81	7.81	7.81	9.28	7.82	7.80	2.86	2.49	2.74	2.97
9	7.81	7.81	7.81	7.81	7.81	9.32	7.83	7.81	2.85	2.63	2.67	2.94
10	7.81	7.81	7.81	7.81	7.81	9.37	7.83	7.81	2.84	2.75	2.61	2.90
11	7.81	7.81	7.81	7.81	7.81	9.37	7.83	7.81	2.85	2.68	2.58	2.86
12	7.81	7.81	7.81	7.81	7.81	9.28	7.83	7.81	2.83	2.54	2.54	2.82
13	7.81	7.81	7.81	7.81	7.81	9.16	7.83	7.82	2.79	2.68	2.55	2.82
14	7.81	7.81	7.81	7.81	7.81	8.98	7.83	7.82	2.75	3.20	2.62	2.85
15	7.81	7.81	7.81	7.81	7.81	8.75	7.83	7.83	2.70	3.01	2.68	3.03
16	7.81	7.81	7.81	7.81	7.81	8.51	7.82	7.83	2.65	2.81	2.72	3.14
17	7.81	7.81	7.81	7.81	7.81	8.26	7.82	7.83	2.63	2.69	2.75	3.16
18	7.81	7.81	7.81	7.81	7.81	8.02	7.82	7.83	2.65	2.82	2.76	3.15
19	7.81	7.81	7.81	7.81	7.81	7.84	7.82	7.83	2.65	3.25	2.78	3.13
20	7.81	7.81	7.81	7.81	7.81	7.82	7.82	7.83	2.78	2.98	2.83	3.11
21	7.81	7.81	7.81	7.81	7.81	7.82	7.81	7.83	2.72	2.86	2.84	3.08
22	7.81	7.81	7.81	7.81	7.81	7.81	7.79	7.83	2.70	2.86	2.87	3.05
23	7.81	7.81	7.81	7.81	7.81	7.81	7.79	7.83	2.69	3.41	2.76	3.01
24	7.81	7.81	7.81	7.81	7.81	7.81	7.79	7.83	2.69	4.09	2.70	2.99
25	7.81	7.81	7.81	7.81	7.81	7.81	7.79	7.83	2.69	4.02	2.65	3.16
26	7.81	7.81	7.81	7.81	7.81	7.81	7.79	7.83	2.74	3.69	2.63	3.36
27	7.81	7.81	7.81	7.81	7.81	7.81	7.79	7.83	2.74	3.31	2.92	3.40
28	7.82	7.81	7.81	7.81	7.81	7.81	7.78	7.83	2.70	3.15	3.09	3.42
29	7.81	7.81	7.81	7.81	---	7.81	7.78	7.83	2.89	3.07	3.14	3.42
30	7.81	7.81	7.81	7.81	---	7.81	7.77	7.83	2.82	2.95	3.11	3.42
31	7.82	---	7.81	7.81	---	7.81	---	7.83	---	2.84	3.09	---
MEAN	7.81	7.81	7.81	7.81	7.81	8.40	7.81	7.82	3.08	2.93	2.79	3.10
MAX	7.82	7.82	7.81	7.81	7.81	9.37	7.83	7.83	7.83	4.09	3.14	3.42
MIN	7.81	7.81	7.81	7.81	7.81	7.81	7.77	7.77	2.61	2.48	2.54	2.82

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02314495 SUWANNEE RIVER ABOVE FARGO, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 065
LATITUDE 304227 LONGITUDE 0823221 NAD83 DRAINAGE AREA 1260.00* CONTRIBUTING DRAINAGE AREA DATUM 91.90 NGVD29
Date Processed: 2003-03-11 11:12 By bemccall
APPROVED
DD #2, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
2	---	---	---	---	---	---	---	---	---	0.00	0.08	0.00
3	---	---	---	---	---	---	---	---	---	0.09	0.03	0.00
4	---	---	---	---	---	---	---	---	---	0.13	0.37	0.00
5	---	---	---	---	---	---	---	---	---	0.18	0.00	0.00
6	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	0.09	0.01	0.00	0.00
8	---	---	---	---	---	---	---	---	0.03	0.52	0.00	0.00
9	---	---	---	---	---	---	---	---	0.00	0.01	0.00	0.00
10	---	---	---	---	---	---	---	---	0.00	0.00	0.02	0.00
11	---	---	---	---	---	---	---	---	0.00	0.00	0.11	0.00
12	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	---	0.00	0.00	0.65	0.50
14	---	---	---	---	---	---	---	---	0.00	0.01	0.00	1.57
15	---	---	---	---	---	---	---	---	0.00	0.00	0.04	0.02
16	---	---	---	---	---	---	---	---	0.00	0.00	0.26	0.00
17	---	---	---	---	---	---	---	---	0.00	0.51	0.01	0.00
18	---	---	---	---	---	---	---	---	0.14	0.04	0.00	0.00
19	---	---	---	---	---	---	---	---	0.01	0.00	0.34	0.02
20	---	---	---	---	---	---	---	---	0.01	0.31	0.02	0.00
21	---	---	---	---	---	---	---	---	0.13	0.00	0.03	0.00
22	---	---	---	---	---	---	---	---	0.18	0.45	0.01	0.00
23	---	---	---	---	---	---	---	---	0.71	0.15	0.00	0.00
24	---	---	---	---	---	---	---	---	0.00	0.03	0.00	0.10
25	---	---	---	---	---	---	---	---	0.01	0.00	0.00	0.01
26	---	---	---	---	---	---	---	---	0.04	0.00	0.00	0.45
27	---	---	---	---	---	---	---	---	0.00	0.00	0.64	0.00
28	---	---	---	---	---	---	---	---	0.35	0.00	0.00	0.00
29	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.01
30	---	---	---	---	---	---	---	---	0.00	0.00	0.17	0.08
31	---	---	---	---	---	---	---	---	---	0.00	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	2.44	2.78	2.76

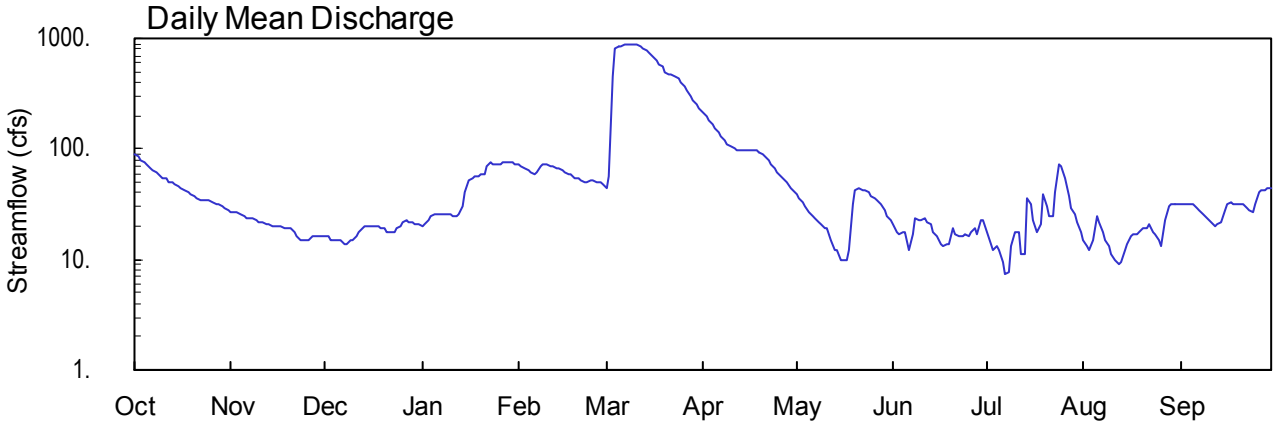
SUWANNEE RIVER BASIN

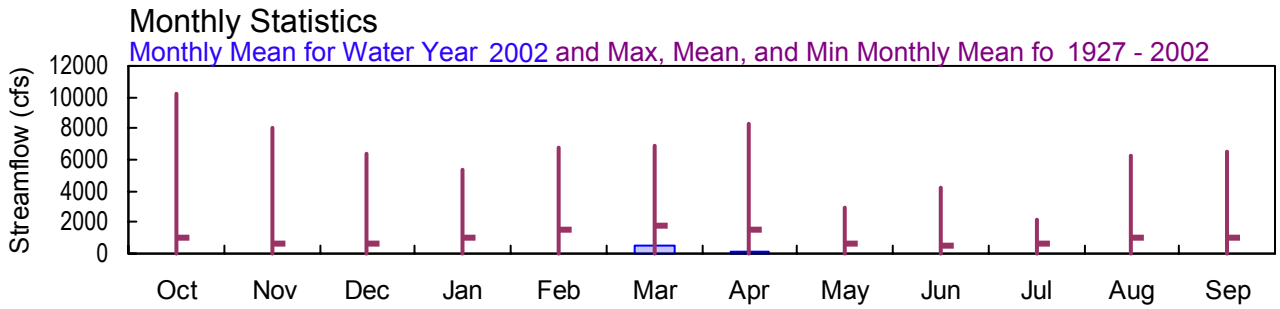
2002 Water Year

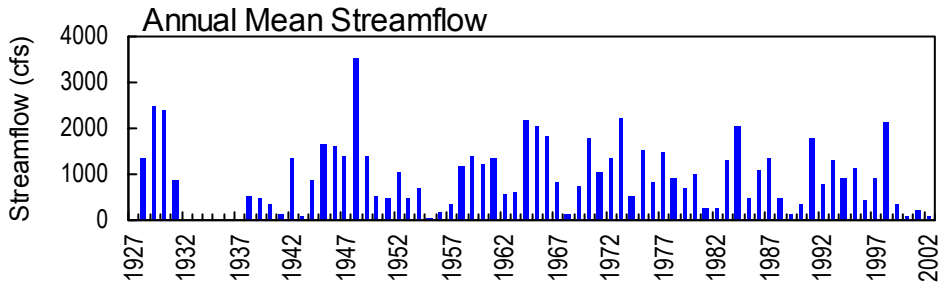
02314500 SUWANNEE RIVER AT FARGO, GA

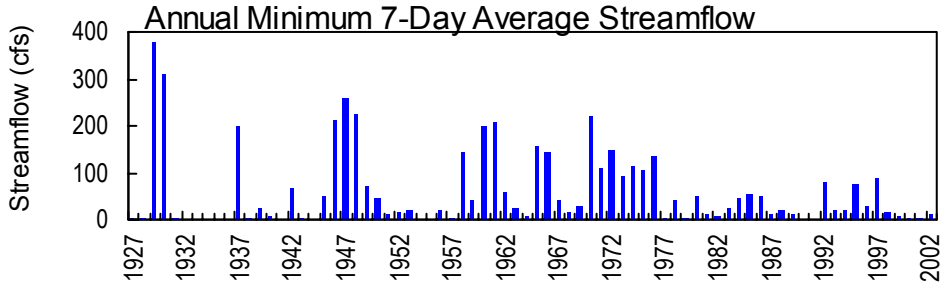
Latitude: 30°40'50" Longitude: 82°33'38" Hydrologic Unit Code: 03110201 Clinch County

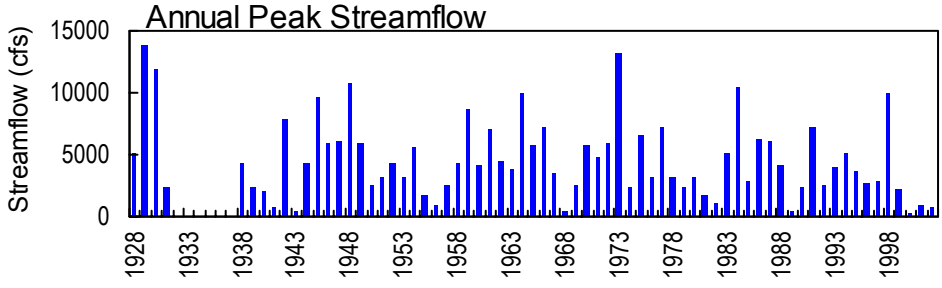
Drainage Area: 1,260. mi^2 Datum: 91.90 feet











SUWANNEE RIVER BASIN
2002 Water Year

02314500 SUWANNEE RIVER AT FARGO, GA

LOCATION.—Lat 30°40'50", long 82°33'38" referenced to North American Datum (NAD) of 1927, Clinch County, Hydrologic Unit, 03110201, on downstream side of right bank pier of bridge on US 441 at Fargo, 4.0 miles upstream from Suwannoochee Creek, and 12.0 miles downstream from Mixons Ferry dam site.

DRAINAGE AREA.—1,260 mi^2, approximately, includes part of watershed in Okefenokee Swamp, which is indeterminate.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 1921 to September 1923 (gage-heights only), January 1927 to December 1931, April 1937 to current year. Monthly discharge only for April 1937, published in WSP 1304.

REVISED RECORDS.—WSP 1234: Drainage area. WSP 1504: 1928-30.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 91.90 feet above National Geodetic Vertical Datum (NGVD) of 1929. From January 27, 1921 to September 30, 1923, a non-recording gage was located at site 1,200 feet upstream at datum 3.00 feet higher. From January 27, 1927 to December 31, 1931 and from April 20, 1937 to June 10, 1938, a non-recording gage was located at site 1,000 feet upstream at datum 1.00 feet higher. From June 11, 1938 to November 26, 1952, a non-recording gage was located at site 1,000 feet upstream at present datum. From October 14, 1960 to October 29, 1970, an auxiliary water-stage recorder was located at a site about 3.0 miles upstream, and since November 5, 1971, an auxiliary water-stage recorder was located at a site about 2.0 miles upstream.

REMARKS.—Records good. Low flow at times affected by manipulation of water level at Mixons Ferry Dam.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 10	1630	875*	7.03*

02314500 SUWANNEE RIVER AT FARGO, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—January 1921 to September 1923 (gage-heights only), January 1927 to December 1931, April 1937 to current year. Monthly discharge only for April 1937, published in WSP 1304.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 91.90 feet above National Geodetic Vertical Datum (NGVD) of 1929. From January 27, 1921 to September 30, 1923, a non-recording gage was located at site 1,200 feet upstream at datum 3.00 feet higher. From January 27, 1927 to December 31, 1931 and from April 20, 1937 to June 10, 1938, a non-recording gage was located at site 1,000 feet upstream at datum 1.00 feet higher. From June 11, 1938 to November 26, 1952, a non-recording gage was located at site 1,000 feet upstream at present datum. From October 14, 1960 to October 29, 1970, an auxiliary water-stage recorder was located at a site about 3.0 miles upstream, and since November 5, 1971, an auxiliary water-stage recorder was located at a site about 2.0 miles upstream.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.03 feet, March 10; minimum gage-height recorded, 0.70 feet, July 8.

PRECIPITATION RECORDS

PERIOD OF RECORD.—June 21, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02314500 SUWANNEE RIVER AT FARGO, GA SOURCE AGENCY USGS STATE 13 COUNTY 065
LATITUDE 304050 LONGITUDE 0823338 NAD83 DRAINAGE AREA 1260.00* CONTRIBUTING DRAINAGE AREA DATUM 91.90 NGVD29
Date Processed: 2003-03-10 09:35 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	27	16	20	73	45	214	39	21	18	15	31
2	85	27	16	21	70	56	199	36	18	14	13	32
3	80	27	15	23	68	455	183	33	17	12	12	32
4	76	26	15	25	65	825	169	30	18	13	15	31
5	72	25	15	26	62	860	155	27	18	12	25	31
6	68	24	15	26	60	861	142	25	12	9.4	22	29
7	64	24	14	26	62	868	129	24	17	7.4	18	28
8	61	24	14	26	71	866	120	22	24	7.7	15	26
9	58	23	15	26	74	865	111	21	23	13	13	25
10	55	22	15	26	72	870	105	19	23	18	11	23
11	54	22	16	25	71	866	101	19	24	18	10	22
12	51	21	18	25	69	848	99	15	22	11	9.2	20
13	49	21	19	26	67	825	98	12	21	11	9.6	21
14	48	20	20	30	66	788	98	12	18	36	12	22
15	46	20	20	41	64	742	98	10	16	31	14	28
16	45	20	20	53	62	692	99	9.7	14	23	16	32
17	42	20	20	55	60	642	98	9.8	13	18	17	33
18	41	19	20	56	58	594	97	12	14	21	17	32
19	39	19	19	57	55	547	94	32	14	39	18	32
20	38	19	19	58	54	502	90	43	19	30	19	31
21	36	18	18	60	52	470	85	44	17	25	19	31
22	35	16	18	70	51	469	79	43	16	25	21	29
23	34	15	18	75	51	459	73	42	16	40	18	28
24	35	15	19	74	53	428	68	40	17	73	17	27
25	34	15	20	74	53	394	62	38	16	70	15	32
26	33	15	22	74	51	362	57	36	18	55	13	41
27	32	16	23	75	49	333	52	34	19	37	23	42
28	31	16	22	76	47	305	49	31	17	29	30	43
29	30	16	22	77	---	278	45	28	23	26	32	44
30	29	16	21	76	---	252	42	25	23	22	31	44
31	28	---	21	74	---	230	---	23	---	18	31	---
TOTAL	1518	608	565	1476	1710	17597	3111	834.5	548	782.5	550.8	922
MEAN	49.0	20.3	18.2	47.6	61.1	568	104	26.9	18.3	25.2	17.8	30.7
MAX	89	27	23	77	74	870	214	44	24	73	32	44
MIN	28	15	14	20	47	45	42	9.7	12	7.4	9.2	20
CFSM	0.04	0.02	0.01	0.04	0.05	0.45	0.08	0.02	0.01	0.02	0.01	0.02
IN.	0.04	0.02	0.02	0.04	0.05	0.52	0.09	0.02	0.02	0.02	0.02	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2002, BY WATER YEAR (WY)

MEAN	1082	582	661	1057	1491	1827	1525	629	462	624	1046	988
MAX	10150	8066	6426	5345	6771	6933	8330	2952	4258	2180	6278	6471
(WY)	1929	1948	1977	1942	1998	1998	1973	1928	1973	1946	1945	1964
MIN	0.12	0.13	0.24	3.04	4.28	6.10	12.7	7.13	4.33	1.82	0.20	0.43
(WY)	1955	1932	1955	1955	1957	1955	1955	1955	1955	1954	1954	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1927 - 2002	
ANNUAL TOTAL	73445.3		30829.6			
ANNUAL MEAN	201		84.5		1005	
HIGHEST ANNUAL MEAN					3512	1948
LOWEST ANNUAL MEAN					59.8	1955
HIGHEST DAILY MEAN	911	Aug 7	870	Mar 10	13800	Oct 1 1928
LOWEST DAILY MEAN	2.9	Jun 9	7.4	Jul 7	0.00	Dec 5 1931
ANNUAL SEVEN-DAY MINIMUM	3.6	Jun 3	12	May 12	0.00	Oct 28 1943
MAXIMUM PEAK FLOW			875	Mar 10	13800	Oct 1 1928
MAXIMUM PEAK STAGE			7.03	Mar 10	21.01	Apr 9 1973
INSTANTANEOUS LOW FLOW			6.4	Jul 8	0.00	Dec 5 1931
ANNUAL RUNOFF (CFSM)	0.16		0.067		0.80	
ANNUAL RUNOFF (INCHES)	2.17		0.91		10.84	
10 PERCENT EXCEEDS	669		124		2630	
50 PERCENT EXCEEDS	79		32		426	
90 PERCENT EXCEEDS	16		16		32	

STATION NUMBER 02314500 SUWANNEE RIVER AT FARGO, GA SOURCE AGENCY USGS STATE 13 COUNTY 065
LATITUDE 304050 LONGITUDE 0823338 NAD83 DRAINAGE AREA 1260.00* CONTRIBUTING DRAINAGE AREA DATUM 91.90 NGVD29
Date Processed: 2003-03-10 08:14 By acday
APPROVED
DD #2, BASE 555 DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.84	1.06	0.91	1.01	1.66	1.29	3.17	1.20	1.07	1.02	1.07	1.36
2	1.79	1.06	0.91	1.03	1.62	1.44	3.03	1.14	1.03	0.94	1.03	1.38
3	1.74	1.05	0.90	1.06	1.59	4.60	2.88	1.09	0.98	0.87	1.01	1.37
4	1.69	1.04	0.89	1.10	1.55	6.80	2.74	1.05	0.96	0.89	1.08	1.36
5	1.64	1.02	0.89	1.12	1.52	6.96	2.60	1.00	0.96	0.88	1.27	1.35
6	1.60	1.00	0.88	1.13	1.49	6.96	2.46	0.96	0.86	0.80	1.22	1.33
7	1.55	1.00	0.86	1.13	1.52	6.99	2.33	0.93	1.00	0.74	1.15	1.31
8	1.51	0.99	0.86	1.13	1.63	6.99	2.21	0.90	1.13	0.74	1.08	1.28
9	1.48	0.98	0.88	1.12	1.66	6.99	2.11	0.86	1.12	0.90	1.04	1.26
10	1.44	0.97	0.89	1.12	1.64	7.01	2.03	0.83	1.12	1.02	0.99	1.24
11	1.43	0.96	0.92	1.11	1.62	6.99	1.99	0.83	1.13	1.01	0.96	1.22
12	1.40	0.95	0.95	1.10	1.60	6.91	1.97	0.90	1.10	0.84	0.92	1.19
13	1.37	0.94	0.99	1.12	1.58	6.80	1.95	0.86	1.07	0.83	0.93	1.20
14	1.35	0.93	1.00	1.19	1.56	6.62	1.95	0.87	1.02	1.34	1.00	1.22
15	1.33	0.93	1.01	1.36	1.54	6.40	1.95	0.83	0.97	1.26	1.05	1.31
16	1.31	0.92	1.01	1.52	1.52	6.16	1.97	0.81	0.92	1.12	1.10	1.37
17	1.28	0.92	1.00	1.54	1.49	5.90	1.96	0.82	0.90	1.02	1.13	1.38
18	1.26	0.91	1.00	1.55	1.46	5.65	1.94	0.88	0.92	1.07	1.13	1.38
19	1.24	0.90	0.99	1.55	1.43	5.39	1.91	1.27	0.93	1.37	1.15	1.37
20	1.22	0.90	0.98	1.56	1.41	5.14	1.87	1.44	1.02	1.24	1.17	1.36
21	1.20	0.89	0.96	1.58	1.39	4.96	1.80	1.45	1.00	1.15	1.17	1.35
22	1.18	0.89	0.95	1.69	1.37	4.95	1.73	1.44	0.98	1.15	1.20	1.33
23	1.17	0.89	0.95	1.75	1.37	4.88	1.65	1.42	0.97	1.39	1.15	1.31
24	1.18	0.90	0.99	1.74	1.40	4.70	1.59	1.39	0.99	1.83	1.12	1.30
25	1.17	0.89	1.01	1.73	1.40	4.49	1.52	1.37	0.97	1.81	1.07	1.37
26	1.15	0.90	1.05	1.73	1.37	4.28	1.45	1.35	1.02	1.65	1.04	1.49
27	1.13	0.91	1.06	1.73	1.34	4.08	1.39	1.30	1.03	1.43	1.23	1.51
28	1.12	0.92	1.05	1.73	1.31	3.89	1.34	1.26	0.98	1.33	1.35	1.52
29	1.10	0.92	1.04	1.74	---	3.70	1.29	1.21	1.12	1.29	1.37	1.52
30	1.09	0.92	1.03	1.72	---	3.50	1.24	1.16	1.11	1.21	1.35	1.53
31	1.08	---	1.02	1.69	---	3.32	---	1.12	---	1.14	1.35	---
MEAN	1.36	0.95	0.96	1.40	1.50	5.31	2.00	1.09	1.01	1.14	1.13	1.35
MAX	1.84	1.06	1.06	1.75	1.66	7.01	3.17	1.45	1.13	1.83	1.37	1.53
MIN	1.08	0.89	0.86	1.01	1.31	1.29	1.24	0.81	0.86	0.74	0.92	1.19

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02314500 SUWANNEE RIVER AT FARGO, GA SOURCE AGENCY USGS STATE 13 COUNTY 065
LATITUDE 304050 LONGITUDE 0823338 NAD83 DRAINAGE AREA 1260.00* CONTRIBUTING DRAINAGE AREA DATUM 91.90 NGVD29
Date Processed: 2003-03-10 08:16 By acday
APPROVED
DD #7, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	0.00	0.00	0.29
2	---	---	---	---	---	---	---	---	---	0.00	0.17	0.00
3	---	---	---	---	---	---	---	---	---	0.02	0.17	0.00
4	---	---	---	---	---	---	---	---	---	1.34	0.00	0.00
5	---	---	---	---	---	---	---	---	---	0.02	0.26	0.00
6	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	---	0.10	0.06	0.00
8	---	---	---	---	---	---	---	---	---	0.40	0.00	0.00
9	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
10	---	---	---	---	---	---	---	---	---	0.00	0.01	0.00
11	---	---	---	---	---	---	---	---	---	0.00	0.08	0.00
12	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
13	---	---	---	---	---	---	---	---	---	0.01	0.71	0.82
14	---	---	---	---	---	---	---	---	---	0.00	0.00	2.08
15	---	---	---	---	---	---	---	---	---	0.00	0.02	0.03
16	---	---	---	---	---	---	---	---	---	0.00	0.90	0.00
17	---	---	---	---	---	---	---	---	---	0.78	0.00	0.00
18	---	---	---	---	---	---	---	---	---	0.04	0.02	0.00
19	---	---	---	---	---	---	---	---	---	0.00	1.32	0.01
20	---	---	---	---	---	---	---	---	---	0.25	0.01	0.00
21	---	---	---	---	---	---	---	---	0.07	0.00	0.01	0.00
22	---	---	---	---	---	---	---	---	0.14	0.33	0.00	0.00
23	---	---	---	---	---	---	---	---	1.07	0.21	0.00	0.00
24	---	---	---	---	---	---	---	---	0.01	0.09	0.00	0.24
25	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.03
26	---	---	---	---	---	---	---	---	0.05	0.14	0.00	0.36
27	---	---	---	---	---	---	---	---	0.00	0.00	0.49	0.00
28	---	---	---	---	---	---	---	---	0.35	0.09	0.00	0.00
29	---	---	---	---	---	---	---	---	0.39	0.00	0.03	0.03
30	---	---	---	---	---	---	---	---	0.00	0.00	0.05	0.27
31	---	---	---	---	---	---	---	---	---	0.00	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	3.83	4.31	4.16

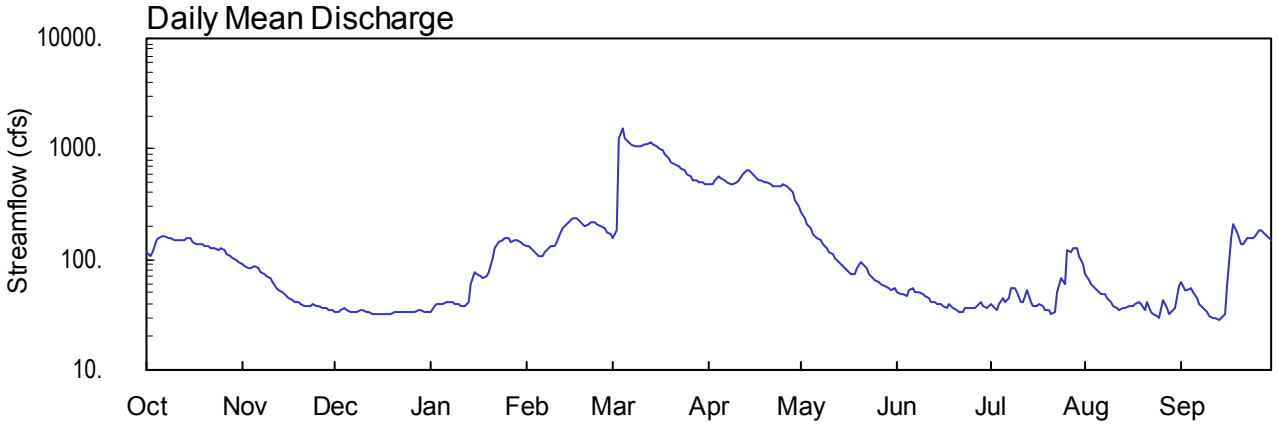
SUWANNEE RIVER BASIN

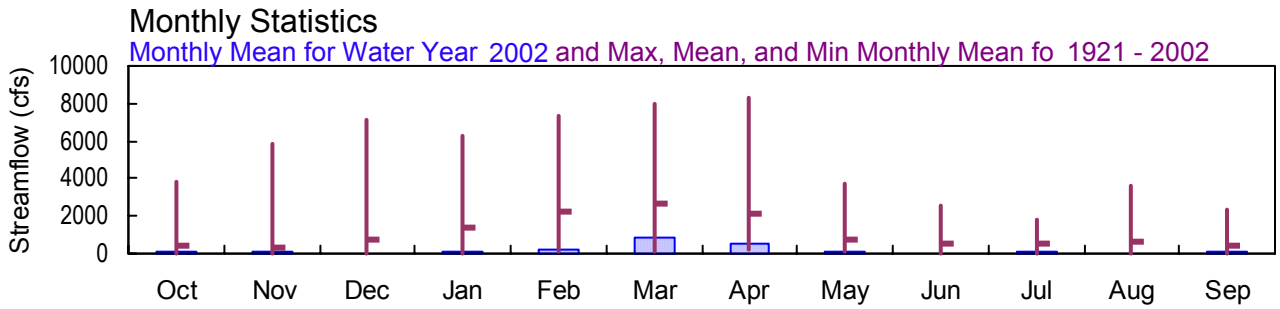
2002 Water Year

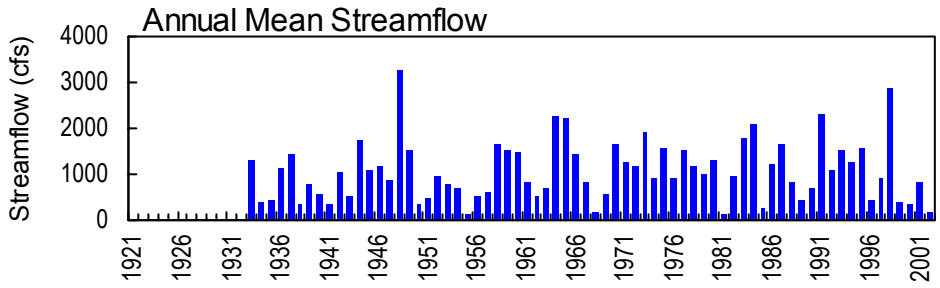
02317500 ALAPAHA RIVER AT STATENVILLE, GA

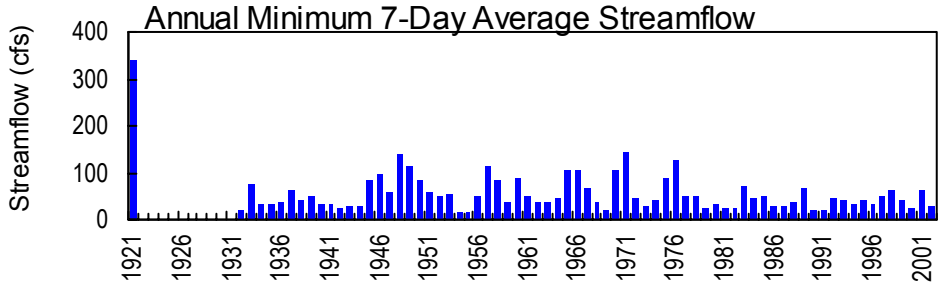
Latitude: 30°42'14" Longitude: 83°02'00" Hydrologic Unit Code: 03110202 Echols County

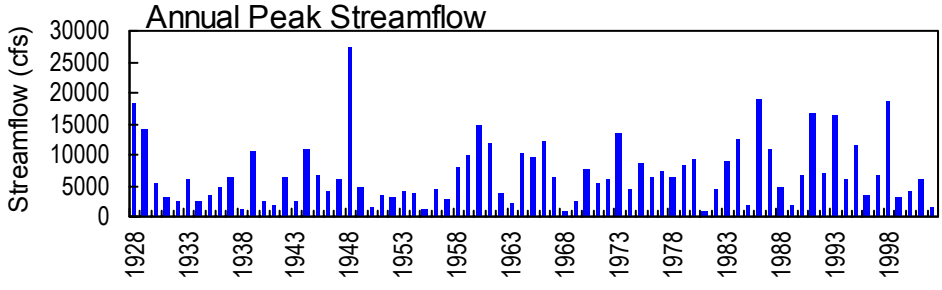
Drainage Area: 1,400. mi^2 Datum: 76.77 feet

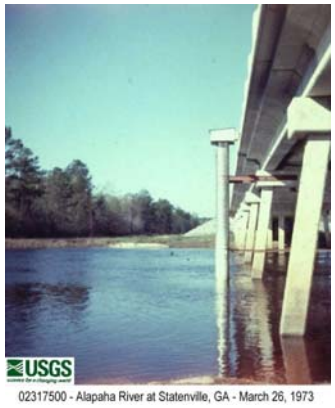












02317500 - Alapaha River at Statenville, GA - March 26, 1973

SUWANNEE RIVER BASIN
2002 Water Year

02317500 ALAPAHA RIVER AT STATENVILLE, GA

LOCATION.—Lat 30°42'14", long 83°02'00" referenced to North American Datum (NAD) of 1927, Echols County, Hydrologic Unit 03110202, at downstream side of left bank pier of bridge on GA 94, 10.4 miles upstream from Alapahoochee River (Grand Bay Creek), 0.2 miles west of Statenville.

DRAINAGE AREA.—1,400 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January to June 1921, October 1931 to current year. Monthly discharge only for October to December 1931, published in WSP 1304.

REVISED RECORDS.—WSP 822: 1936, drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 76.77 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). From January 28 to June 30, 1921, a non-recording gage was located at site 50 feet upstream at datum 2.10 feet higher. From December 10, 1931 to November 30, 1949, a non-recording gage was located at site 200 feet upstream at present datum, and from December 1, 1949, to November 22, 1952, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1862, that of April 6, 1948, from information by local resident.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 3	1600	1,710*	8.41*

02317500 ALAPAHA RIVER AT STATENVILLE, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—January to June 1921, October 1931 to current year. Monthly discharge only for October to December 1931, published in WSP 1304.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 76.77 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). From January 28 to June 30, 1921, a non-recording gage was located at site 50 feet upstream at datum 2.10 feet higher. From December 10, 1931 to November 30, 1949, a non-recording gage was located at site 200 feet upstream at present datum, and from December 1, 1949, to November 22, 1952, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.41 feet, March 3; minimum gage-height recorded, 0.70 feet, September 12-14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 1, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02317500 ALAPAHA RIVER AT STATENVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 101
LATITUDE 304214 LONGITUDE 0830200 NAD27 DRAINAGE AREA 1400.00 CONTRIBUTING DRAINAGE AREA 1400.00* DATUM 76.77 NGVD29
Date Processed: 2003-03-10 09:38 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	117	91	34	34	131	156	478	265	50	40	75	63
2	109	88	34	38	130	185	483	235	49	38	66	53
3	115	84	35	40	120	1240	521	210	48	35	60	52
4	148	82	37	40	113	1550	555	189	47	39	55	54
5	159	88	35	40	108	1270	554	172	52	44	50	50
6	160	83	34	42	105	1140	529	158	56	41	49	44
7	160	77	33	42	116	1080	495	147	51	44	49	39
8	157	75	33	41	129	1050	479	136	50	56	44	36
9	155	72	35	40	134	1050	487	126	48	55	41	33
10	148	67	35	39	131	1070	506	118	47	50	38	31
11	148	62	34	38	146	1080	528	110	45	42	37	30
12	151	56	34	38	175	1110	582	103	42	41	35	29
13	151	52	32	42	194	1140	629	96	41	53	36	28
14	154	50	32	59	212	1120	638	90	40	42	37	30
15	153	48	32	78	225	1060	599	85	40	38	38	32
16	146	45	32	74	237	1010	559	80	38	38	38	59
17	140	43	32	70	237	957	526	75	37	40	40	153
18	138	42	32	69	223	900	514	73	40	38	41	207
19	136	41	32	72	206	835	508	84	37	35	39	174
20	132	39	33	78	200	757	496	94	35	35	35	139
21	130	38	34	101	212	713	482	92	34	32	41	136
22	127	38	34	127	219	709	468	82	34	33	34	156
23	124	38	33	145	218	679	463	73	36	51	32	159
24	121	39	34	149	210	639	467	67	36	67	31	155
25	124	38	34	156	200	596	474	64	36	61	30	160
26	120	38	34	153	190	555	467	62	36	123	43	181
27	112	37	34	144	178	531	442	59	38	116	37	184
28	107	36	35	152	166	513	398	57	41	127	32	172
29	102	35	35	148	---	507	348	54	38	124	35	160
30	98	35	34	142	---	501	302	53	37	109	36	149
31	95	---	34	136	---	489	---	54	---	90	57	---
TOTAL	4137	1657	1045	2567	4865	26192	14977	3363	1259	1777	1311	2948
MEAN	133	55.2	33.7	82.8	174	845	499	108	42.0	57.3	42.3	98.3
MAX	160	91	37	156	237	1550	638	265	56	127	75	207
MIN	95	35	32	34	105	156	302	53	34	32	30	28
CFSM	0.10	0.04	0.02	0.06	0.12	0.60	0.36	0.08	0.03	0.04	0.03	0.07
IN.	0.11	0.04	0.03	0.07	0.13	0.70	0.40	0.09	0.03	0.05	0.03	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921 - 2002, BY WATER YEAR (WY)

MEAN	396	330	763	1394	2222	2639	2090	796	508	499	644	467
MAX	3868	5818	7155	6237	7391	7930	8328	3720	2526	1806	3589	2334
(WY)	1995	1948	1948	1998	1991	1998	1948	1944	1973	1964	1945	1935
MIN	28.4	21.0	33.7	35.8	77.6	129	165	62.4	42.0	38.8	29.4	25.6
(WY)	1969	1955	1955	1934	1934	1955	1968	1999	2002	1981	1954	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1921 - 2002	
ANNUAL TOTAL	273210		66098			
ANNUAL MEAN	749		181		1069	
HIGHEST ANNUAL MEAN					3280	1948
LOWEST ANNUAL MEAN					127	1981
HIGHEST DAILY MEAN	6120	Mar 30	1550	Mar 4	26500	Apr 6 1948
LOWEST DAILY MEAN	32	Dec 13	28	Sep 13	17	Nov 10 1954
ANNUAL SEVEN-DAY MINIMUM	32	Dec 13	30	Sep 9	18	Nov 7 1954
MAXIMUM PEAK FLOW			1710	Mar 3	27300	Apr 6 1948
MAXIMUM PEAK STAGE			8.41	Mar 3	29.80	Apr 6 1948
INSTANTANEOUS LOW FLOW			28	Sep 13	16	Nov 13 1954
ANNUAL RUNOFF (CFSM)	0.53		0.13		0.76	
ANNUAL RUNOFF (INCHES)	7.26		1.76		10.37	
10 PERCENT EXCEEDS	2080		517		2940	
50 PERCENT EXCEEDS	328		75		372	
90 PERCENT EXCEEDS	38		34		53	

STATION NUMBER 02317500 ALAPAHA RIVER AT STATENVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 101
LATITUDE 304214 LONGITUDE 0830200 NAD27 DRAINAGE AREA 1400.00 CONTRIBUTING DRAINAGE AREA 1400.00* DATUM 76.77 NGVD29
Date Processed: 2003-03-10 08:32 By acday
APPROVED
DD #6, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.66	1.52	1.02	1.01	1.77	1.94	3.63	2.56	0.99	0.87	1.25	1.13
2	1.60	1.50	1.01	1.06	1.77	2.12	3.65	2.39	0.98	0.83	1.16	1.02
3	1.65	1.47	1.02	1.09	1.69	6.57	3.83	2.25	0.96	0.80	1.09	1.01
4	1.89	1.45	1.05	1.09	1.64	7.82	3.98	2.12	0.95	0.85	1.04	1.03
5	1.96	1.50	1.03	1.09	1.59	6.74	3.97	2.01	1.00	0.91	0.99	0.99
6	1.97	1.46	1.01	1.11	1.57	6.23	3.86	1.91	1.05	0.87	0.98	0.91
7	1.97	1.42	1.00	1.10	1.66	6.01	3.71	1.83	1.00	0.92	0.97	0.85
8	1.95	1.40	1.00	1.10	1.75	5.90	3.63	1.75	0.99	1.05	0.92	0.81
9	1.93	1.38	1.02	1.09	1.79	5.89	3.67	1.68	0.97	1.04	0.87	0.77
10	1.90	1.33	1.02	1.08	1.77	5.96	3.76	1.62	0.95	0.98	0.84	0.74
11	1.90	1.29	1.01	1.07	1.87	6.00	3.86	1.55	0.93	0.89	0.82	0.72
12	1.92	1.24	1.01	1.07	2.07	6.12	4.09	1.50	0.90	0.88	0.80	0.71
13	1.92	1.20	0.99	1.11	2.18	6.23	4.27	1.44	0.88	1.01	0.81	0.70
14	1.94	1.18	0.99	1.27	2.29	6.16	4.30	1.39	0.86	0.89	0.82	0.73
15	1.93	1.16	0.98	1.44	2.36	5.93	4.16	1.34	0.86	0.84	0.83	0.75
16	1.90	1.13	0.98	1.40	2.43	5.71	4.00	1.29	0.83	0.84	0.83	1.05
17	1.85	1.11	0.98	1.35	2.43	5.52	3.85	1.25	0.82	0.86	0.86	1.82
18	1.84	1.10	0.99	1.33	2.35	5.29	3.80	1.23	0.86	0.83	0.88	2.16
19	1.82	1.09	0.99	1.35	2.25	5.03	3.77	1.33	0.82	0.80	0.84	1.93
20	1.81	1.08	1.00	1.40	2.22	4.74	3.72	1.42	0.80	0.79	0.80	1.67
21	1.79	1.07	1.02	1.57	2.29	4.59	3.65	1.41	0.78	0.76	0.88	1.64
22	1.77	1.06	1.02	1.76	2.33	4.57	3.59	1.31	0.79	0.76	0.78	1.79
23	1.75	1.06	1.00	1.88	2.32	4.46	3.56	1.23	0.81	0.98	0.75	1.82
24	1.73	1.08	1.02	1.90	2.27	4.31	3.58	1.17	0.81	1.17	0.74	1.78
25	1.76	1.07	1.01	1.94	2.22	4.14	3.61	1.14	0.81	1.10	0.73	1.82
26	1.73	1.06	1.01	1.92	2.16	3.98	3.58	1.11	0.81	1.65	0.90	1.97
27	1.67	1.05	1.02	1.86	2.08	3.87	3.46	1.08	0.84	1.60	0.82	2.00
28	1.64	1.04	1.03	1.91	2.00	3.79	3.26	1.06	0.88	1.69	0.76	1.91
29	1.60	1.03	1.03	1.89	---	3.77	3.01	1.03	0.84	1.67	0.79	1.82
30	1.57	1.03	1.02	1.85	---	3.74	2.77	1.02	0.82	1.54	0.82	1.74
31	1.55	---	1.01	1.80	---	3.68	---	1.03	---	1.38	1.05	---
MEAN	1.80	1.22	1.01	1.42	2.04	5.06	3.72	1.50	0.89	1.03	0.88	1.33
MAX	1.97	1.52	1.05	1.94	2.43	7.82	4.30	2.56	1.05	1.69	1.25	2.16
MIN	1.55	1.03	0.98	1.01	1.57	1.94	2.77	1.02	0.78	0.76	0.73	0.70

STATION NUMBER 02317500 ALAPAHA RIVER AT STATENVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 101
LATITUDE 304214 LONGITUDE 0830200 NAD27 DRAINAGE AREA 1400.00 CONTRIBUTING DRAINAGE AREA 1400.00* DATUM 76.77 NGVD29
Date Processed: 2003-03-10 08:32 By acday
APPROVED
DD #7, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00
2	0.00	0.16	0.00	---	0.00	2.87	0.00	0.00	0.00	0.00	0.30	0.00
3	0.00	0.00	0.00	---	0.00	4.78	0.00	0.00	0.00	0.12	0.30	0.00
4	0.00	0.00	0.00	---	0.00	0.00	0.03	0.00	0.03	0.56	0.00	0.01
5	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	1.97	0.00	0.00	0.00
6	0.45	0.00	0.00	0.24	0.35	0.00	0.00	0.00	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.03	0.00	0.00	0.00
8	0.00	0.00	0.45	0.00	0.00	0.00	0.02	0.00	0.00	0.13	0.07	0.00
9	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.44	0.00	0.00
10	0.00	0.00	0.01	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
12	0.02	0.00	0.01	0.36	0.00	0.16	0.00	0.00	0.00	1.03	0.03	0.05
13	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.07	0.00	0.23	0.13	0.17
14	0.08	0.02	0.00	1.29	0.00	0.00	0.00	0.02	0.05	0.07	0.00	0.17
15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.06
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	---	0.00	0.00	0.00	0.02	0.00	0.18	0.00	0.00	0.00
18	0.00	0.00	---	0.00	0.00	0.00	0.11	0.51	0.91	0.07	0.02	0.01
19	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.86	0.01	0.04	0.24	0.01
20	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	1.13	0.13	0.00
21	0.00	0.00	0.00	0.90	0.00	0.44	0.00	0.00	0.08	0.00	0.01	0.00
22	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
23	0.00	0.44	---	0.00	0.13	0.00	0.00	0.00	0.03	0.92	0.04	0.00
24	0.02	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.39
25	0.00	0.00	---	0.51	0.00	0.00	0.00	0.00	0.00	0.03	0.25	0.01
26	0.00	0.00	---	0.00	0.07	0.01	0.00	0.00	0.21	0.58	1.37	0.40
27	0.00	0.00	---	0.05	0.00	0.00	0.00	0.00	0.00	0.75	0.07	0.00
28	0.00	0.00	---	0.44	0.00	0.00	0.00	0.00	0.03	1.08	0.00	0.01
29	0.00	0.00	---	0.01	---	0.00	0.00	0.02	0.00	0.00	0.14	0.00
30	0.00	0.00	---	0.00	---	0.00	0.00	0.24	0.63	0.00	1.01	0.00
31	0.00	---	---	0.00	---	0.06	---	0.00	---	0.00	1.93	---
TOTAL	0.57	0.62	---	---	1.30	8.42	0.69	1.72	4.21	7.29	6.16	1.29

02317600 LITTLE RIVER AT GA 376, NEAR STATENVILLE, GA

LOCATION.—Lat 30°42'13", long 83°07'18" referenced to North American Datum (NAD) of 1927, Echols County, Hydrologic Unit 03110202, at GA 376, 5.0 miles west of Statenville.

DRAINAGE AREA.—199 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1948, 1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 85.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

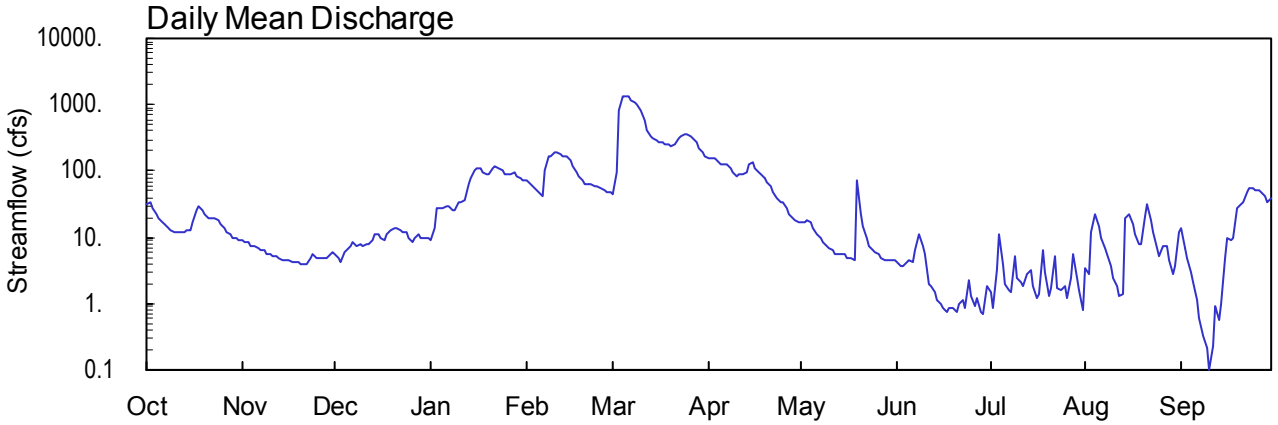
REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

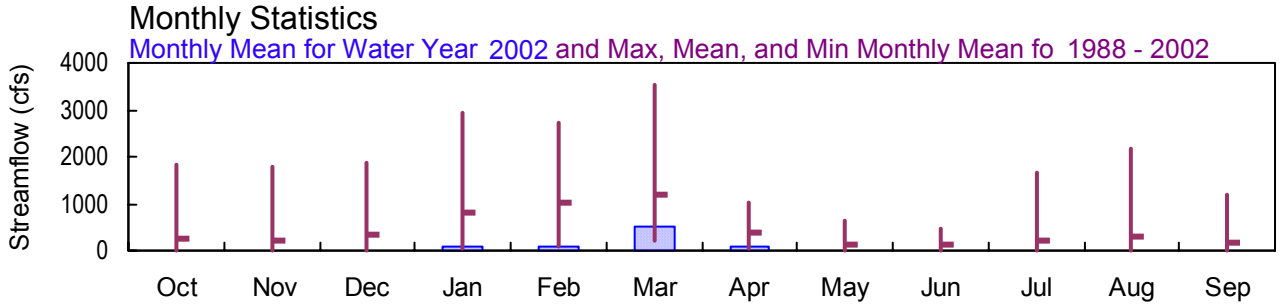
MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 17.36 feet, March 28, 1984
DISCHARGE: 11,000 ft^3/s, March 28, 1984

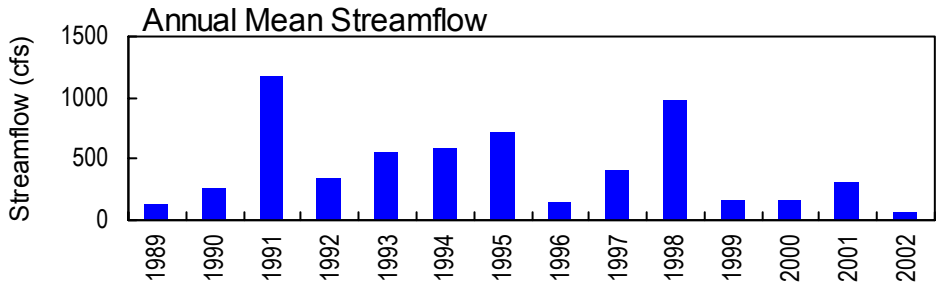
MAXIMUM FOR CURRENT YEAR.—
STAGE: 11.89 feet, March 3
DISCHARGE: 1,950 ft^3/s, March 3

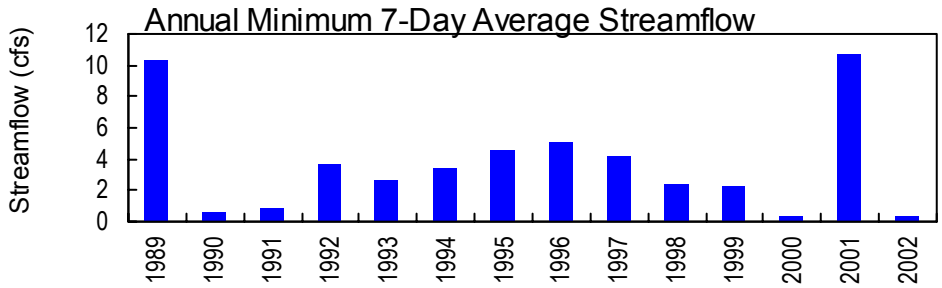
023177483 WITHLACOOCHEE RIVER AT MCMILLAN RD,NEAR BEMISS, GA

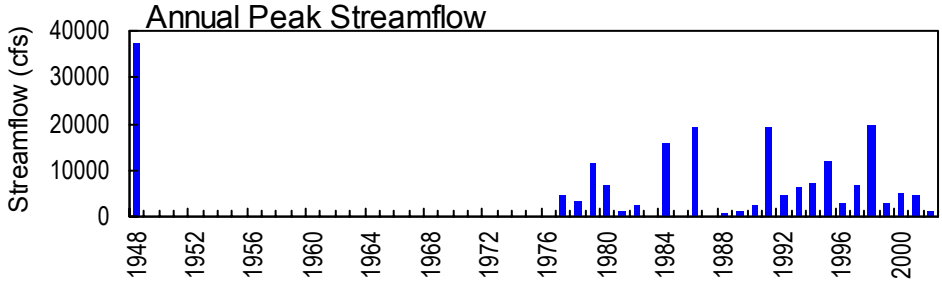
Latitude: 30°57'09" Longitude: 83°16'07" Hydrologic Unit Code: 03110203 Lowndes County
Drainage Area: 502. mi^2 Datum: 125.00 feet











USGS science for a changing world

NO PHOTOS AVAILABLE FOR THIS SITE

SUWANNEE RIVER BASIN
2002 Water Year

023177483 WITHLACOOCHEE RIVER AT MCMILLAN ROAD, NEAR BEMISS, GA

LOCATION.—Lat 30°56'50", long 83°16'22" referenced to North American Datum (NAD) of 1927, Lowndes County, Hydrologic Unit 03110203, on downstream side of bridge pier on McMillan Road, 2.3 miles downstream from Cat Creek, and 3.0 miles northwest of Bemiss.

DRAINAGE AREA.—502 mi^2, approximately.

COOPERATION.—City of Valdosta.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—June 1988 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Elevation of gage is 125.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for periods where the discharge is below 50.0 ft^3/s, which are fair; and for periods of estimated discharges, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,600 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 5	1315	1,390*	11.13*

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1988 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Elevation of gage is 125.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.13 feet, March 5; minimum gage-height recorded, 1.09 feet, September 11.

STATION NUMBER 023177483 WITHLACOOCHEE RIVER AT MCMILLAN RD,NEAR BEMISS, GA SOURCE AGENCY USGS STATE 13 COUNTY 185
LATITUDE 305709 LONGITUDE 0831607 NAD27 DRAINAGE AREA 502* CONTRIBUTING DRAINAGE AREA DATUM 125 NGVD29
Date Processed: 2003-03-10 09:36 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	8.8	5.7	9.3	73	44	156	17	e4.1	1.5	3.5	14
2	35	8.6	4.7	14	67	95	153	17	e3.8	0.88	2.8	7.1
3	28	8.3	4.2	28	60	797	151	e18	e3.7	3.2	12	4.7
4	22	7.6	5.9	27	52	1350	140	e17	e4.2	11	23	3.0
5	19	7.2	6.6	27	47	1380	130	e14	e4.4	3.9	15	2.1
6	17	6.8	7.4	30	43	1350	129	e11	e4.2	2.0	9.8	1.1
7	16	6.5	8.3	29	100	1200	127	e9.7	e6.3	1.6	6.9	0.60
8	14	6.2	7.4	26	163	1080	114	e8.5	e11	1.5	5.4	0.32
9	13	5.6	7.9	26	170	1010	94	e7.5	e7.2	5.1	3.7	0.21
10	12	5.4	7.3	33	190	846	82	e6.8	e5.4	2.5	2.5	0.10
11	12	5.2	8.0	34	189	597	87	e6.2	2.0	2.1	1.8	0.23
12	12	5.1	7.7	36	176	412	92	e5.6	1.9	1.8	1.3	0.91
13	12	4.8	8.8	63	171	342	93	e5.4	1.5	2.8	1.4	0.55
14	13	4.4	11	80	168	307	124	e5.5	1.1	3.3	20	0.96
15	13	4.5	11	105	146	284	137	e5.4	1.0	1.8	22	5.0
16	17	4.4	10	113	118	270	112	e4.9	0.83	1.2	16	10
17	26	4.2	8.8	110	98	266	96	e4.8	0.75	1.4	11	8.8
18	30	4.1	11	99	83	255	89	e4.5	0.86	6.6	7.7	9.4
19	26	4.3	13	89	72	251	79	73	0.84	2.9	7.7	27
20	23	4.0	14	92	64	236	68	23	0.76	1.3	21	31
21	20	3.9	14	107	65	246	58	e15	0.99	1.7	32	33
22	19	3.9	13	120	65	307	47	e9.4	1.1	5.2	18	49
23	19	4.8	12	113	61	344	39	e7.4	0.88	1.7	12	55
24	18	5.5	12	103	59	366	35	e6.5	2.2	1.6	7.1	56
25	16	4.9	9.4	91	55	370	33	e5.9	1.3	1.9	5.2	51
26	14	4.9	8.2	87	50	346	28	e5.4	0.92	1.2	7.6	51
27	12	4.9	9.8	87	49	310	23	e4.9	1.2	2.5	7.3	49
28	11	4.9	11	93	47	266	19	e4.6	0.74	5.7	4.6	43
29	9.9	5.2	10	82	---	223	18	e4.6	0.68	2.4	2.8	33
30	9.4	5.9	10	76	---	194	17	e4.6	1.8	1.6	3.6	38
31	9.0	---	9.7	74	---	172	---	e4.5	---	0.81	12	---
TOTAL	548.3	164.8	287.8	2103.3	2701	15516	2570	337.6	77.65	84.69	306.7	585.08
MEAN	17.7	5.49	9.28	67.8	96.5	501	85.7	10.9	2.59	2.73	9.89	19.5
MAX	35	8.8	14	120	190	1380	156	73	11	11	32	56
MIN	9.0	3.9	4.2	9.3	43	44	17	4.5	0.68	0.81	1.3	0.10
CFSM	0.04	0.01	0.02	0.14	0.19	1.00	0.17	0.02	0.01	0.01	0.02	0.04
IN.	0.04	0.01	0.02	0.16	0.20	1.15	0.19	0.03	0.01	0.01	0.02	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2002, BY WATER YEAR (WY)

MEAN	269	208	327	810	1023	1184	404	120	137	217	290	167
MAX	1843	1778	1889	2935	2738	3525	1009	642	484	1655	2169	1204
(WY)	1995	1998	1998	1991	1995	1991	1994	1991	1994	1991	1991	2000
MIN	9.35	5.49	9.28	32.9	72.6	194	47.6	10.9	2.59	2.73	3.90	1.23
(WY)	1996	2002	2002	1989	1989	2000	1999	2002	2002	2002	1990	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1988 - 2002	
ANNUAL TOTAL	99186.9		25282.92			
ANNUAL MEAN	272		69.3		430	
HIGHEST ANNUAL MEAN					1178	1991
LOWEST ANNUAL MEAN					69.3	2002
HIGHEST DAILY MEAN	4390	Mar 18	1380	Mar 5	19100	Mar 5 1991
LOWEST DAILY MEAN	3.9	Nov 21	0.10	Sep 10	0.10	Sep 10 2002
ANNUAL SEVEN-DAY MINIMUM	4.1	Nov 16	0.42	Sep 7	0.34	Jun 11 2000
MAXIMUM PEAK FLOW			1390	Mar 5	19700	Mar 11 1998
MAXIMUM PEAK STAGE			11.13	Mar 5	22.50	Mar 11 1998
INSTANTANEOUS LOW FLOW			0.05	Sep 11	0.05	Sep 11 2002
ANNUAL RUNOFF (CFSM)	0.54		0.14		0.86	
ANNUAL RUNOFF (INCHES)	7.35		1.87		11.63	
10 PERCENT EXCEEDS	678		159		1130	
50 PERCENT EXCEEDS	86		12		79	
90 PERCENT EXCEEDS	7.8		1.6		7.0	

e Estimated

STATION NUMBER 023177483 WITHLACOOCHEE RIVER AT MCMILLAN RD,NEAR BEMISS, GA SOURCE AGENCY USGS STATE 13 COUNTY 185
LATITUDE 305709 LONGITUDE 0831607 NAD27 DRAINAGE AREA 502* CONTRIBUTING DRAINAGE AREA DATUM 125 NGVD29
Date Processed: 2003-03-10 08:30 By acday
APPROVED
DD #1
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.21	1.57	1.46	1.62	2.88	2.44	3.92	1.95	---	1.29	1.40	1.85
2	2.29	1.56	1.41	1.76	2.79	3.10	3.89	---	---	1.24	1.37	1.59
3	2.16	1.56	1.38	2.12	2.69	8.31	3.87	---	---	1.34	1.77	1.48
4	2.00	1.53	1.47	2.11	2.57	10.98	3.77	---	---	1.73	2.07	1.38
5	1.90	1.51	1.51	2.09	2.47	11.11	3.67	---	---	1.44	1.87	1.33
6	1.83	1.49	1.54	2.16	2.41	10.98	3.66	---	---	1.32	1.70	1.25
7	1.78	1.48	1.58	2.14	3.18	10.40	3.65	---	---	1.30	1.59	1.21
8	1.73	1.47	1.54	2.07	3.90	9.91	3.51	---	---	1.28	1.51	1.17
9	1.69	1.44	1.56	2.08	3.97	9.61	3.29	---	---	1.50	1.43	1.15
10	1.68	1.43	1.53	2.22	4.17	8.77	3.15	---	---	1.35	1.35	1.11
11	1.67	1.42	1.57	2.24	4.16	7.32	3.21	---	1.32	1.33	1.31	1.12
12	1.66	1.42	1.55	2.28	4.03	6.04	3.27	---	1.31	1.30	1.27	1.22
13	1.65	1.40	1.60	2.73	3.98	5.52	3.29	---	1.28	1.37	1.28	1.17
14	1.69	1.39	1.69	2.97	3.95	5.23	3.62	---	1.26	1.40	1.99	1.19
15	1.71	1.40	1.68	3.29	3.73	5.03	3.76	---	1.25	1.30	2.07	1.43
16	1.82	1.40	1.65	3.37	3.43	4.91	3.49	---	1.23	1.26	1.92	1.64
17	2.11	1.39	1.59	3.34	3.20	4.88	3.32	---	1.23	1.27	1.76	1.58
18	2.20	1.38	1.70	3.21	3.02	4.79	3.23	---	1.24	1.57	1.62	1.58
19	2.12	1.39	1.75	3.09	2.87	4.76	3.11	---	1.24	1.38	1.62	2.08
20	2.04	1.37	1.76	3.13	2.75	4.63	2.95	---	1.23	1.27	2.05	2.16
21	1.95	1.37	1.78	3.30	2.76	4.71	2.80	---	1.25	1.30	2.29	2.18
22	1.91	1.37	1.75	3.46	2.76	5.23	2.61	---	1.25	1.50	1.96	2.48
23	1.91	1.42	1.71	3.38	2.71	5.53	2.46	---	1.24	1.30	1.77	2.57
24	1.86	1.45	1.71	3.26	2.68	5.71	2.37	---	1.33	1.29	1.59	2.57
25	1.81	1.42	1.62	3.12	2.61	5.73	2.33	---	1.27	1.31	1.51	2.49
26	1.74	1.42	1.57	3.06	2.54	5.55	2.22	---	1.24	1.27	1.61	2.48
27	1.69	1.42	1.64	3.06	2.51	5.25	2.09	---	1.26	1.32	1.60	2.44
28	1.65	1.42	1.67	3.14	2.49	4.89	2.00	---	1.23	1.52	1.47	2.35
29	1.61	1.43	1.66	3.00	---	4.53	1.97	---	1.22	1.34	1.37	2.15
30	1.59	1.47	1.65	2.92	---	4.26	1.95	---	1.31	1.29	1.42	2.24
31	1.58	---	1.63	2.89	---	4.06	---	---	---	1.23	1.78	---
MEAN	1.85	1.44	1.61	2.73	3.11	6.26	3.08	---	---	1.35	1.66	1.75
MAX	2.29	1.57	1.78	3.46	4.17	11.11	3.92	---	---	1.73	2.29	2.57
MIN	1.58	1.37	1.38	1.62	2.41	2.44	1.95	---	---	1.23	1.27	1.11

02317797 LITTLE RIVER AT UPPER TY TY ROAD NEAR TIFTON, GA
Nation Water-Quality Assessment station

LOCATION.—Lat 31°28'54", long 83°35'03", referenced to North American Datum (NAD) of 1927, Tift County, Hydrologic Unit 03110204, 20 feet downstream from bridge on Upper Ty Ty Road, 0.3 miles downstream from Mill Creek, 0.3 miles upstream from Big Branch, and 4.9 miles west-northwest of Tifton.

DRAINAGE AREA.—129 mi^2.

REMARKS.---None.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—December 1976 to April 1978, and March 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	SAM-PLING METHOD, CODES (82398)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
JAN													
16...	1400	1028	80020	70	761	3.2	27	5.3	96	8.1	10	13	17.2
FEB													
20...	0930	1028	80020	70	760	2.7	25	6.0	98	11.2	14	17	16.3
25...	1310	1028	80020	40	762	2.0	18	6.0	95	10.5	--	--	--
MAR													
05...	1650	1028	80020	10	767	7.2	62	6.2	76	9.0	--	--	--
12...	1210	1028	80020	40	755	4.4	44	6.0	86	14.8	--	--	--
18...	1640	1028	80020	40	760	2.3	27	6.1	96	22.3	16	--	15.3
22...	1200	1028	80020	40	758	4.2	44	6.0	95	17.1	--	--	--
APR													
01...	1410	1028	80020	40	758	--	--	6.1	99	20.4	--	--	--
08...	1350	1028	80020	40	760	3.3	35	6.0	81	18.1	--	--	--
15...	1655	1028	80020	40	765	--	--	6.4	90	21.6	19	24	12.8
22...	1440	1028	80020	70	751	.9	11	6.2	116	23.5	--	--	--
30...	1310	1028	80020	70	758	.5	6	6.3	156	20.5	--	--	--
MAY													
07...	1130	1028	80020	70	764	.6	7	6.3	168	21.4	--	--	--

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)
JAN													
16...	7.2	E.03	.76	.53	2.36	.55	.039	.012	--	--	1.3	E.01	.035
FEB													
20...	4.7	E.02	.74	--	--	<.05	--	<.008	--	.04	--	<.02	.028
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
05...	--	<.04	.71	--	--	.19	--	<.008	--	--	.90	<.02	.072
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	3.0	<.04	.79	--	--	<.05	--	<.008	--	.07	--	<.02	.034
22...	--	<.04	1.2	--	--	E.03	--	<.008	--	--	--	<.02	.036
APR													
01...	--	E.04	.96	--	--	<.05	--	<.008	--	--	--	<.02	.039
08...	--	.04	2.0	--	--	<.05	--	<.008	2.0	--	--	<.02	.139
15...	1.2	.21	1.1	--	--	E.03	--	E.004	.86	<.02	--	E.01	.055
22...	--	.59	1.7	--	--	E.03	--	<.008	1.1	--	--	E.01	.083
30...	--	.66	2.2	--	--	<.05	--	<.008	1.6	--	--	<.02	.101
MAY													
07...	--	.72	2.4	--	--	<.05	--	<.008	1.7	--	--	<.02	.117

Date	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	1,4- NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL- PHENOXY CYCLO- HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI- CHLORO- ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2- ETHYL- 6-METHY _PANOL WAT FLT REC (UG/L) (61615)
JAN													
16...	--	--	--	--	<.05	<.09	<.01	--	--	--	<.03	<.006	<.1
FEB													
20...	.5	--	17.3	--	--	--	<.01	<.009	<.02	<.02	--	<.006	--
25...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
MAR													
05...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
12...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
18...	.9	--i	20.4	--i	--	--	--	<.009	<.02	<.02	--	<.006	--
22...	--	--	--	--	--	--	--	<.009	.05	<.02	--	<.006	--
APR													
01...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
08...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
15...	.7	--	19.2	--	--	--	--	<.009	<.02	<.02	--	<.006	--
22...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
30...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
MAY													
07...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
JAN													
16...	<.005	<.005	--	--m	<.006	--	<.004	--	--	--	<.005	<.004	<.004
FEB													
20...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
25...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
MAR													
05...	--	--	<.006	--	--	<.007	--	<.02	<.008	<.04	--	--	--
12...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
18...	--	--	<.006	--	<.006	<.200	<.004	<.02	<.008	<.04	<.005	--	--
22...	--	--	<.006	--	<.006	<.097	<.004	<.02	<.008	<.04	<.005	--	--
APR													
01...	--	--	<.006	--	<.006	<.118	<.004	<.02	<.008	<.04	<.005	--	--
08...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
15...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
22...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
30...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
MAY													
07...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--

02317797 LITTLE RIVER AT UPPER TY TY ROAD NEAR TIFTON, GA—continued

Date	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
JAN													
16...	<.005	<.01	<.007	<.02	--	<.010	--	--	--	<.003	<.05	<.005	--
FEB													
20...	--	--	.017	--	<.03	<.010	<.004	<.02	E.01m	--	--	--	<.03
25...	--	--	.014	--	<.03	<.010	<.004	<.02	E.01m	--	--	--	<.03
MAR													
05...	--	--	--	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
12...	--	--	.081	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
18...	--	--	.064	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
22...	--	--	.045	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
APR													
01...	--	--	.028	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
08...	--	--	.118	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
15...	--	--	.060	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
22...	--	--	.046	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
30...	--	--	.021	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03
MAY													
07...	--	--	.032	--	<.03	<.010	<.004	<.02	<.01	--	--	--	<.03

Date	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
JAN													
16...	--	--	--	--	--	--	<.06	<.04	<.008	<.005	<.008	<.009	--
FEB													
20...	<.02	<.010	<.03	<.006	<.02	<.010	--	<.04	<.008	<.01	--	--	<.01
25...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
MAR													
05...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
12...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
18...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
22...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
APR													
01...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
08...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
15...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
22...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
30...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01
MAY													
07...	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--	<.01

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)
JAN													
16...	<.003	<.006	--	--	<.005	--	--	<.005	<.006	--	--	<.02	<.002
FEB													
20...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002
25...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--	--
MAR													
05...	<.003	--	<.01	E.02m	--	<.01	<.01	--	--	<.01	<.03	--	--
12...	<.003	E.007	<.01	E.01m	<.005	<.01	<.01	<.005	--	<.01	<.03	--	--
18...	<.003	<.006	<.01	E.01m	<.005	<.01	<.01	<.005	--	<.01	<.03	--	--
22...	<.003	E.005	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--	--
APR													
01...	<.003	E.004	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--	--
08...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--	--
15...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--	--
22...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.040	--	<.01	<.03	--	--
30...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--	--
MAY													
07...	<.003	E.006	<.01	<.04	<.005	<.01	<.01	<.110	--	<.01	<.03	--	--

Date	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
JAN													
16...	<.02	--	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008
FEB													
20...	<.02	<.01	<.02	--	--	<.004	--	<.002	<.009	<.004	<.03	<.005	<.008
25...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
MAR													
05...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
12...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
18...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
22...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
APR													
01...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
08...	<.02	<.01	--	--	--	--	--	<.004	<.009	--	--	<.005	--
15...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
22...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
30...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--
MAY													
07...	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005	--

02317797 LITTLE RIVER AT UPPER TY TY ROAD NEAR TIFTON, GA--continued

Date	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)
JAN													
16...	<.03	<.03	<.008	<.02	--	<.004	--	--	<.002	<.003	<.013	--	<.1
FEB													
20...	<.03	--	<.008	--	<.03	--	<.01	<.03	<.002	<.003	--	<.008	<.1
25...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--
MAR													
05...	--	--	--	--	<.03	--	<.01	<.03	--	--	--	<.008	--
12...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	E.007m	--
18...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--
22...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--
APR													
01...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--
08...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--
15...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--
22...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--
30...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--
MAY													
07...	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008	--

Date	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
JAN													
16...	--	--	--	<1	<.003	<.009	<.004	--	<.035	<.008	<.027	--	--
FEB													
20...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	<.008	<.027	<.02	<.01
25...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02	<.01
MAR													
05...	<.02	<.02	<.007	--	--	--	--	<.01	<.035	--	--	<.02	<.01
12...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02	<.01
18...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.20	<.01
22...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.06	<.01
APR													
01...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.11	<.01
08...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02	<.01
15...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02	<.01
22...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02	<.01
30...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02	<.01
MAY													
07...	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02	<.01

Date	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
JAN													
16...	<.005	--	<.006	--	--	<.050	<.006	E.006	<.006	--	<.002	<.008	<.007
FEB													
20...	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	--	<.007
25...	--	<.02	--	<.008	<.004	<.050	<.006	E.003n	<.006	<.03	<.002	--	<.007
MAR													
05...	--	<.02	--	<.008	<.004	<.050	<.006	--	<.006	<.03	<.002	--	<.007
12...	--	<.02	--	<.008	<.004	<.050	<.006	E.006n	<.006	<.03	<.002	--	<.007
18...	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	--	<.007
22...	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	--	<.007
APR													
01...	--	<.02	--	<.008	<.004	<.050	<.006	E.007n	<.006	<.03	<.002	--	<.007
08...	--	.02	--	<.008	<.004	<.050	<.006	E.009n	<.006	<.03	<.002	--	<.007
15...	--	E.01	--	<.008	<.004	<.050	<.006	E.005n	<.006	<.03	<.002	--	<.007
22...	--	<.02	--	<.008	<.004	<.050	<.006	E.006n	<.006	<.03	<.002	--	<.007
30...	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	--	<.007
MAY													
07...	--	<.02	--	<.008	<.004	<.050	<.006	.014	<.006	<.03	<.002	--	<.007

Date	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL-FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
JAN													
16...	--	--	--	<.008	--	--	<.007	<.003	<.008	<.03	<.010	<.004	<.022
FEB													
20...	<.01	<.01	<.02	<.008	<.02	<.01	--	<.003	<.008	<.03	<.010	<.004	<.022
25...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
MAR													
05...	<.01	<.01	<.02	--	<.02	<.01	--	--	--	--	--	<.004	<.022
12...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
18...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
22...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
APR													
01...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
08...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
15...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
22...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
30...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022
MAY													
07...	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004	<.022

02317797 LITTLE RIVER AT UPPER TY TY ROAD NEAR TIFTON, GA--continued

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
JAN													
16...	<.006	<.10	<.011	<.06	<.008	<.005	--	<.006	<.01	<.005	<.004	<.010	<.011
FEB													
20...	<.006	<.10	<.011	<.06	--	--	<.02	--	<.01	--	<.004	<.010	<.011
25...	<.006	--	<.011	--	--	--	<.02	--	Mn	--	<.004	<.010	<.011
MAR													
05...	<.006	--	<.011	--	--	--	<.02	--	--	--	<.004	--	<.011
12...	<.006	--	<.011	--	--	--	<.02	--	E.01n	--	<.004	<.010	<.011
18...	<.006	--	<.011	--	--	--	<.02	--	M	--	<.004	<.010	<.011
22...	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010	<.011
APR													
01...	<.006	--	<.011	--	--	--	<.02	--	E.01n	--	<.004	<.010	E.005n
08...	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010	<.011
15...	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010	<.011
22...	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010	<.011
30...	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010	<.011
MAY													
07...	<.006	--	.013	--	--	--	<.02	--	E.01n	--	<.004	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)
JAN													
16...	<.10	<.004	--	--	--	--	<.005	--	<.003	<.02	<.006	<.02	<.02
FEB													
20...	<.02	--	<.010	<.02	<.008	<.02	.016	<.009	--	--	<.006	<.02	<.02
25...	<.02	--	<.010	<.02	<.008	<.02	.011	<.009	--	--	--	<.02	--
MAR													
05...	<.02	--	<.010	<.02	<.008	<.02	--	<.009	--	--	--	<.02	--
12...	<.02	--	<.010	<.02	<.008	<.02	.033	<.009	--	--	--	<.02	--
18...	<.02	--	<.010	<.02	<.008	<.02	.022	<.009	--	--	--	<.02	--
22...	<.02	--	<.010	<.02	<.008	<.02	.018	<.009	--	--	--	Mn	--
APR													
01...	<.02	--	<.010	<.02	<.008	<.02	.010	<.009	--	--	--	<.02	--
08...	<.02	--	<.010	<.02	<.008	<.02	.013	.029	--	--	--	<.02	--
15...	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--	<.02	--
22...	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--	<.02	--
30...	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--	<.02	--
MAY													
07...	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--	E.01n	--

02317797 LITTLE RIVER AT UPPER TY TY ROAD NEAR TIFTON, GA--continued

Date	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
JAN													
16...	<.01	<.008	<.3	--	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--
FEB													
20...	<.01	--	--	<.010	<.034	<.02	<.07	--m	<.005	<.03	<.01	<.002	--u
25...	--	--	--	<.010	<.034	<.02	--	--m	<.005	--	--	<.002	--u
MAR													
05...	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002	--u
12...	--	--	--	<.010	<.034	<.02	--	--m	<.005	--	--	<.002	--u
18...	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002	--u
22...	--	--	--	<.010	<.034	<.02	--	--m	<.005	--	--	<.002	--u
APR													
01...	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002	--u
08...	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002	--u
15...	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002	--u
22...	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002	--u
30...	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002	--u
MAY													
07...	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
JAN										
16...	<.004	--	<.009	--	<.05	<.01	83	9.0	15.00	3070
FEB										
20...	--	<.02	<.009	<.02	<.05	--	100	5.0	15.00	3045
25...	--	<.02	<.009	<.02	--	--	100	5.0	15.00	3070
MAR										
05...	--	<.02	<.009	<.02	--	--	100	5.0	15.00	3051
12...	--	<.02	<.009	<.02	--	--	100	5.0	15.00	3060
18...	--	<.02	<.009	<.02	--	--	100	5.0	15.00	3060
22...	--	<.02	<.009	<.02	--	--	100	5.0	15.00	3060
APR										
01...	--	<.02	<.009	<.02	--	--	100	6.0	15.00	3060
08...	--	<.02	<.009	<.02	--	--	100	6.0	15.00	3060
15...	--	<.02	<.009	<.02	--	--	--	--	15.00	3060
22...	--	<.02	<.009	<.02	--	--	100	14	15.00	3070
30...	--	<.02	<.009	<.02	--	--	100	19	15.00	3070
MAY										
07...	--	<.02	<.009	<.02	--	--	100	21	15.00	3070

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
   M -- Presence verified, not quantified
Value qualifier codes used in this report:
   m -- Highly var comp using method, ? prec
   n -- Below the NDV
Null value qualifier codes used in this report:
   i -- Required sample type not received
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

SUWANNEE RIVER BASIN
2002 Water Year

02317810 ARNOLD CREEK TRIBUTARY NEAR TIFTON, GA
(Published previous to 1987 as Little River Tributary No. 2 near Tifton, GA)

LOCATION.—Lat 31°25'30", long 83°34'23" referenced to North American Datum (NAD) of 1927, Tift County, Hydrologic Unit 03110204, at culvert on secondary road 546, 4.0 miles southwest of Tifton.

DRAINAGE AREA.—0.47 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1965 to current year.

GAGE.--Crest-stage partial-record gage. Datum of gage is 310.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 5.46 feet, October 3, 1994
DISCHARGE: 219 ft^3/s, October 3, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: 1.35 feet, February 7
DISCHARGE: 23.4 ft^3/s, February 7

SUWANNEE RIVER BASIN
2002 Water Year

02317989 REED BINGHAM LAKE NEAR ADEL, GA

LOCATION.—Lat 31°09'45", long 83°32'29" referenced to North American Datum (NAD) of 1927, Colquitt County, Hydrologic Unit 03110204, at southeast corner of Reed Bingham Lake, inside Reed Bingham State Park, just upstream of the dam, and 5.3 miles northwest of Adel.

DRAINAGE AREA.—577 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey; Suwannee River Water Management District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 18, 2000 to July 17, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 200.00 feet above National Geodetic Vertical Datum (NGVD) (from topographic map).

REMARKS.--Records good. Gage was relocated below dam and reclassified as "Little River near Adel, GA".

EXTREMES FOR PERIOD OF RECORD.--Maximum gage-height recorded, 4.19 feet, March 16, 2001; minimum gage-height recorded, 0.97 feet, December 11, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height recorded, 3.39 feet, March 8; minimum gage-height recorded, 0.97 feet, December 11.

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 18, 2000 to July 17, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02317989 REED BINGHAM LAKE NEAR ADEL, GA SOURCE AGENCY USGS STATE 13 COUNTY 075
LATITUDE 310945 LONGITUDE 0833229 NAD27 DATUM 190.00 NGVD29
Date Processed: 2003-03-08 10:43 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.75	2.65	2.72	1.46	2.88	2.86	2.96	2.29	2.56	2.29	---	---
2	2.76	2.66	2.72	1.54	2.85	2.92	2.96	2.37	2.54	2.27	---	---
3	2.76	2.67	2.72	1.61	2.86	3.07	2.97	2.45	2.52	2.25	---	---
4	2.76	2.67	2.72	1.64	2.84	3.18	2.96	2.53	2.53	2.28	---	---
5	2.76	2.66	2.72	1.67	2.83	3.25	2.99	2.60	2.54	2.27	---	---
6	2.78	2.65	2.72	1.76	2.85	3.27	3.07	2.64	2.60	2.26	---	---
7	2.76	2.65	2.72	1.85	2.89	3.33	3.12	2.67	2.60	2.24	---	---
8	2.74	2.65	2.72	1.91	2.90	3.37	3.11	2.69	2.60	2.22	---	---
9	2.73	2.65	2.63	1.97	2.93	3.29	3.14	2.71	2.59	2.21	---	---
10	2.73	2.65	1.87	2.05	2.95	3.20	3.13	2.71	2.56	2.20	---	---
11	2.74	2.64	1.11	2.13	2.93	3.13	3.06	2.69	2.54	2.17	---	---
12	2.75	2.64	1.10	2.23	2.87	3.08	3.03	2.66	2.53	2.16	---	---
13	2.75	2.64	1.16	2.42	2.87	3.06	3.01	2.64	2.51	2.16	---	---
14	2.79	2.63	1.15	2.57	2.85	3.06	3.02	2.62	2.49	2.14	---	---
15	2.78	2.62	1.16	2.77	2.81	3.05	3.07	2.59	2.48	2.11	---	---
16	2.76	2.60	1.19	2.86	2.77	3.04	3.09	2.57	2.45	2.09	---	---
17	2.72	2.60	1.23	2.88	2.69	3.03	3.09	2.56	2.42	---	---	---
18	2.71	2.60	1.30	2.88	2.54	3.03	3.07	2.58	2.40	---	---	---
19	2.72	2.59	1.34	2.89	2.32	3.02	3.06	2.68	2.38	---	---	---
20	2.73	2.59	1.36	2.88	2.03	3.00	2.97	2.69	2.37	---	---	---
21	2.74	2.59	1.38	2.88	1.86	3.03	2.87	2.68	2.35	---	---	---
22	2.75	2.59	1.40	2.88	2.29	3.07	2.82	2.66	2.33	---	---	---
23	2.77	2.62	1.42	2.87	2.69	3.08	2.78	2.65	2.33	---	---	---
24	2.77	2.66	1.36	2.87	2.86	3.08	2.90	2.65	2.34	---	---	---
25	2.75	2.68	1.28	2.87	2.87	3.07	2.89	2.64	2.33	---	---	---
26	2.70	2.69	1.29	2.88	2.88	3.05	2.87	2.62	2.33	---	---	---
27	2.66	2.69	1.30	2.88	2.85	3.05	2.85	2.60	2.32	---	---	---
28	2.64	2.69	1.33	2.88	2.86	3.04	2.82	2.58	2.30	---	---	---
29	2.64	2.69	1.37	2.87	---	3.01	2.54	2.57	2.28	---	---	---
30	2.64	2.71	1.41	2.88	---	2.98	2.52	2.56	2.28	---	---	---
31	2.64	---	1.44	2.88	---	2.97	---	2.57	---	---	---	---
MEAN	2.73	2.64	1.72	2.44	2.74	3.09	2.96	2.60	2.45	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02317989 REED BINGHAM LAKE NEAR ADEL, GA LAKE SOURCE AGENCY USGS STATE 13 COUNTY 075
LATITUDE 310945 LONGITUDE 0833229 NAD27 DATUM 190.00 NGVD29
Date Processed: 2003-03-08 10:40 By bemccall
APPROVED
DD #2, dcp
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	---	---
2	0.00	0.07	0.00	0.74	0.00	2.56	0.00	0.00	0.00	0.00	---	---
3	0.00	0.02	0.00	0.01	0.00	1.26	0.00	0.00	0.07	0.53	---	---
4	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	---	---
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	---	---
6	0.53	0.00	0.00	0.23	1.25	0.00	0.00	0.01	0.01	0.00	---	---
7	0.00	0.03	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	---	---
8	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.14	---	---
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	---	---
10	0.06	0.00	0.08	0.00	0.00	0.00	0.06	0.02	0.00	0.00	---	---
11	0.00	0.00	0.11	0.00	0.00	0.00	0.08	0.00	0.00	0.00	---	---
12	0.00	0.00	0.00	0.88	0.00	0.55	0.00	0.00	0.00	0.36	---	---
13	0.00	0.00	0.00	0.00	0.00	0.01	0.36	0.07	0.00	0.00	---	---
14	0.88	0.00	0.00	0.49	0.00	0.00	0.05	0.00	0.06	0.01	---	---
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---	---
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---	---
17	0.00	0.00	0.35	0.00	0.00	0.00	1.62	0.08	0.00	---	---	---
18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.74	0.00	---	---	---
19	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.54	0.00	---	---	---
20	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	---	---	---
21	0.00	0.00	0.00	0.12	0.01	0.91	0.00	0.00	0.03	---	---	---
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---
23	0.00	0.58	0.01	0.00	0.00	0.00	0.00	0.00	0.33	---	---	---
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---
25	0.00	0.13	0.00	0.40	0.00	0.00	0.00	0.00	0.03	---	---	---
26	0.01	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.04	---	---	---
27	0.00	0.00	0.00	0.06	0.00	0.01	0.00	0.00	0.00	---	---	---
28	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04	---	---	---
29	0.01	0.00	0.00	0.00	---	0.00	0.00	0.00	0.05	---	---	---
30	0.00	0.24	0.00	0.00	---	0.00	0.10	0.22	0.13	---	---	---
31	0.00	---	0.00	0.00	---	0.28	---	0.00	---	---	---	---
TOTAL	1.49	1.07	0.57	3.35	2.02	5.93	2.29	1.70	1.50	---	---	---

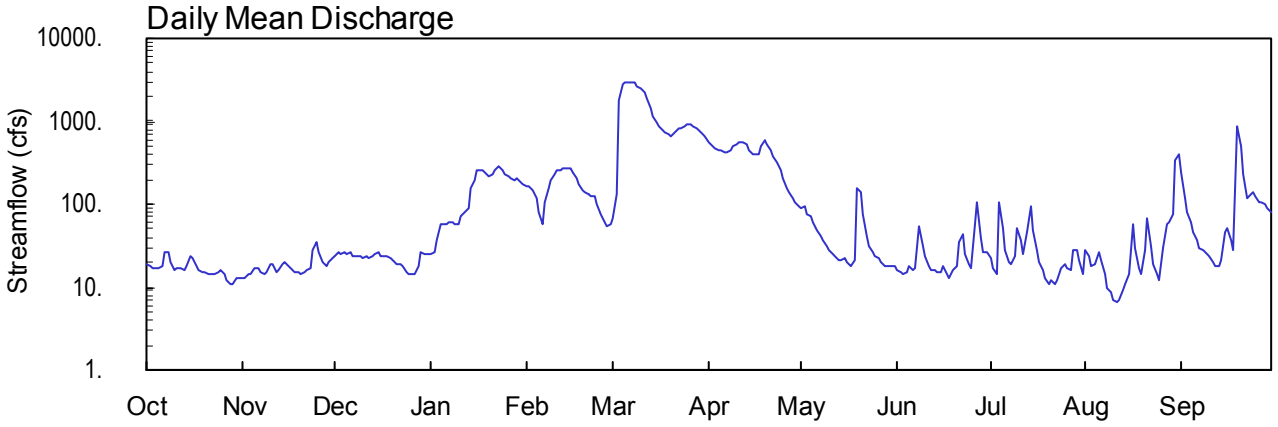
SUWANNEE RIVER BASIN

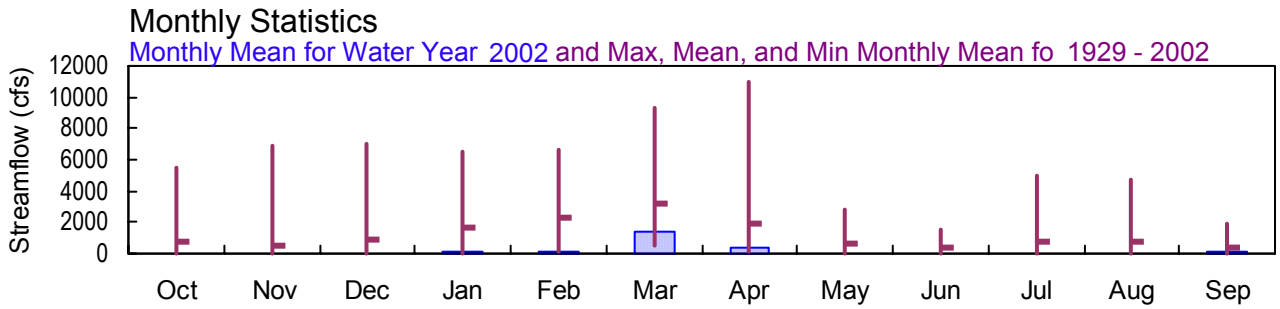
2002 Water Year

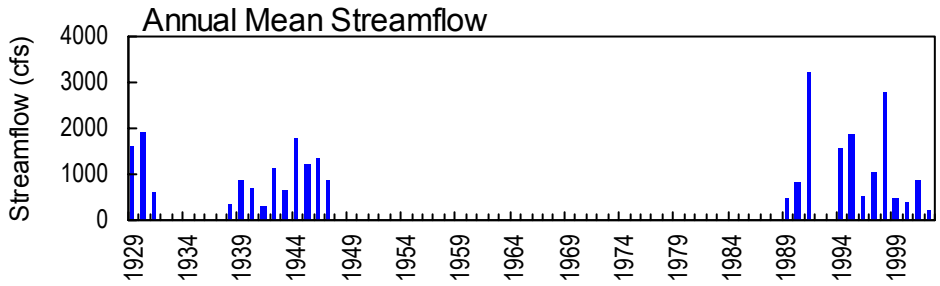
02318500 WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA

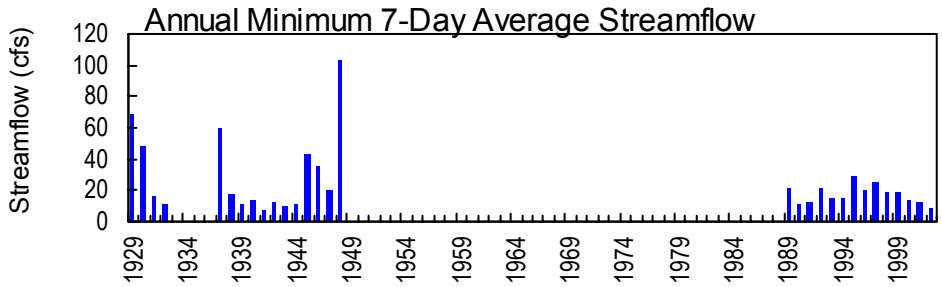
Latitude: 30°47'35" Longitude: 83°27'13" Hydrologic Unit Code: 03110203 Brooks County

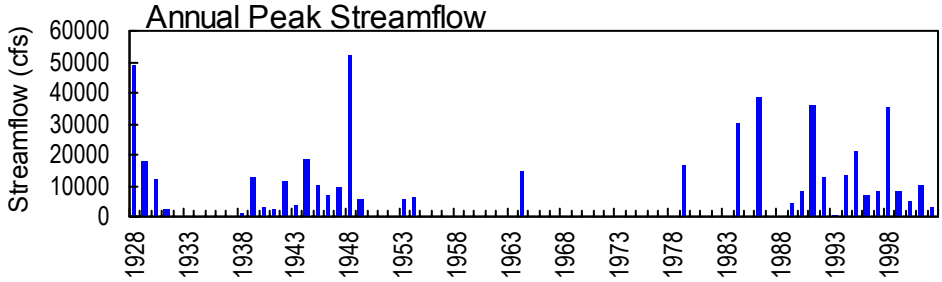
Drainage Area: 1,480. mi^2 Datum: 84.30 feet











USGS
science for a changing world

NO PHOTOS AVAILABLE FOR THIS SITE

02318500 WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA

LOCATION.—Lat 30°47'35", long 83°27'13" referenced to North American Datum (NAD) of 1983, Brooks-Lowndes County line, Hydrologic Unit 03110203, on downstream right bank pier of abandoned bridge on old US 84, 4.0 miles upstream from Piscola Creek, 6.0 miles east of Quitman, and 9.0 miles downstream from Little River.

DRAINAGE AREA.—1,480 mi^2, approximately.

COOPERATION.—USGS National Water-Quality Assessment Program.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1928 to December 1931, June 1937 to May 1948, October 1988 to May 1992, June 1993 to current year.

REVISED RECORDS.—WSP 1304: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 84.30 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 1, 1928 to December 11, 1931, a non-recording gage was located at same site at datum 5.0 feet lower. From June 9, 1937 to May 31, 1948, a non-recording gage was located at same site and datum. From May 19, 1949 to March 1, 1954, a crest-stage gage was located at same site and datum. From September 29, 1988 to May 4, 1989, a water-stage recorder was located at a site 2,000 feet upstream at same datum.

REMARKS.—Records good, except for those below 100 ft^3/s and estimated daily discharges, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharge greater than base discharge of 2,500 ft^3/s, and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 6	2153	3,030*	11.33*

02318500 WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1928 to December 1931, June 1937 to May 1948, October 1988 to May 1992, June 1993 to current year.

GAGE.—Water-stage recorder. Datum of gage is 84.30 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 1, 1928 to December 11, 1931, a non-recording gage was located at same site at datum 5.0 feet lower. From June 9, 1937 to May 31, 1948, a non-recording gage was located at same site and datum. From May 19, 1949 to March 1, 1954, a crest-stage gage was located at same site and datum. From September 29, 1988 to May 4, 1989, a water-stage recorder was located at a site 2,000 feet upstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.33 feet, March 6; minimum gage-height recorded, 1.62 feet, August 12.

STATION NUMBER 02318500 WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 027
LATITUDE 304735 LONGITUDE 0832713 NAD83 DRAINAGE AREA 1480.00* CONTRIBUTING DRAINAGE AREA 1480.00 DATUM 84.30 NGVD29
Date Processed: 2003-03-10 09:39 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	13	e24	e25	e167	67	573	88	16	22	28	244
2	18	13	e26	e27	e161	131	509	93	15	17	24	116
3	17	14	e25	e36	e146	1760	474	77	14	14	18	79
4	17	14	e26	e58	e119	2810	453	73	15	105	19	60
5	17	17	e25	e58	e81	2960	441	61	18	50	26	47
6	18	17	e26	e56	58	3000	420	48	16	28	21	37
7	27	15	e24	e61	108	3000	414	41	17	20	14	30
8	26	14	e24	e60	156	2870	456	36	53	19	10	28
9	20	15	e24	e57	192	2660	506	31	32	24	8.5	25
10	16	19	e22	e57	228	2470	529	28	23	51	6.9	24
11	17	19	e23	e72	254	2260	554	25	18	36	6.7	20
12	17	15	e22	e82	264	1900	569	23	16	25	7.0	18
13	16	16	e24	e91	267	1450	528	21	16	46	9.0	18
14	18	19	e25	e157	272	1120	438	21	15	97	11	21
15	24	20	e26	e199	269	961	397	22	15	48	14	47
16	22	18	e24	e251	246	866	391	20	18	28	59	50
17	18	16	e24	e262	208	798	409	18	14	20	30	36
18	16	15	e23	e251	173	747	511	21	13	16	17	28
19	15	15	e22	e231	151	695	586	158	16	13	14	850
20	15	14	e20	e215	140	655	536	140	18	11	28	508
21	14	15	e19	e227	133	751	455	75	35	12	69	227
22	14	16	e19	e256	127	821	386	41	43	11	32	121
23	14	17	e18	e280	122	835	316	31	25	12	19	126
24	15	28	e15	e259	101	891	252	27	19	17	14	136
25	16	35	e14	e235	76	931	207	24	17	19	12	125
26	14	26	e14	e212	61	919	160	22	56	17	30	108
27	12	e20	e14	e204	54	866	136	20	105	16	57	103
28	11	e18	e18	e200	58	809	120	18	40	28	62	100
29	11	e20	e26	e210	---	763	107	18	27	28	74	88
30	13	e22	e25	e188	---	706	95	18	26	21	340	79
31	13	---	e25	e174	---	645	---	18	---	14	408	---
TOTAL	520	535	686	4751	4392	42117	11928	1357	771	885	1488.1	3499
MEAN	16.8	17.8	22.1	153	157	1359	398	43.8	25.7	28.5	48.0	117
MAX	27	35	26	280	272	3000	586	158	105	105	408	850
MIN	11	13	14	25	54	67	95	18	13	11	6.7	18
CFSM	0.01	0.01	0.01	0.10	0.11	0.92	0.27	0.03	0.02	0.02	0.03	0.08
IN.	0.01	0.01	0.02	0.12	0.11	1.06	0.30	0.03	0.02	0.02	0.04	0.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2002, BY WATER YEAR (WY)

MEAN	780	558	850	1675	2324	3255	1922	613	436	760	807	397
MAX	5552	6921	7062	6492	6686	9265	11040	2767	1504	4962	4709	1872
(WY)	1995	1948	1948	1991	1995	1998	1948	1991	1991	1991	1991	2000
MIN	12.8	11.0	20.7	48.6	128	492	133	43.8	23.1	27.0	19.9	14.1
(WY)	1941	1941	1991	1989	1989	1938	1999	2002	1990	1990	1990	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1929 - 2002	
ANNUAL TOTAL	291795		72929.1			
ANNUAL MEAN	799		200		1105	
HIGHEST ANNUAL MEAN					3210	1991
LOWEST ANNUAL MEAN					200	2002
HIGHEST DAILY MEAN	9960	Mar 21	3000	Mar 6	61000	Apr 4 1948
LOWEST DAILY MEAN	10	Jun 6	6.7	Aug 11	6.7	Aug 11 2002
ANNUAL SEVEN-DAY MINIMUM	12	Oct 27	8.4	Aug 8	7.6	Nov 7 1940
MAXIMUM PEAK FLOW			3030	Mar 6	66000	Apr 4 1948
MAXIMUM PEAK STAGE			11.33	Mar 6	31.70	Apr 4 1948
INSTANTANEOUS LOW FLOW			5.8	Aug 12	5.8	Aug 12 2002
ANNUAL RUNOFF (CFSM)	0.54		0.14		0.75	
ANNUAL RUNOFF (INCHES)	7.33		1.83		10.14	
10 PERCENT EXCEEDS	1850		528		3040	
50 PERCENT EXCEEDS	262		28		350	
90 PERCENT EXCEEDS	15		14		24	

e Estimated

STATION NUMBER 02318500 WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 027
LATITUDE 304735 LONGITUDE 0832713 NAD83 DRAINAGE AREA 1480.00 CONTRIBUTING DRAINAGE AREA 1480.00* DATUM 84.30 NGVD29
Date Processed: 2003-03-10 08:34 By acday
APPROVED
DD #2

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.78	1.71	---	---	---	2.18	4.49	2.26	1.69	1.76	1.85	3.18
2	1.77	1.72	---	---	---	2.56	4.23	2.29	1.68	1.71	1.83	2.50
3	1.76	1.73	---	---	---	8.03	4.09	2.18	1.67	1.69	1.77	2.27
4	1.76	1.73	---	---	---	10.83	4.01	2.15	1.68	2.34	1.78	2.13
5	1.76	1.76	---	---	---	11.17	3.97	2.07	1.71	2.01	1.85	2.03
6	1.77	1.76	---	---	2.12	11.27	3.89	1.98	1.69	1.83	1.80	1.95
7	1.86	1.74	---	---	2.45	11.27	3.86	1.92	1.70	1.76	1.72	1.89
8	1.85	1.73	---	---	2.73	10.98	4.03	1.88	2.01	1.75	1.68	1.87
9	1.79	1.74	---	---	2.93	10.48	4.22	1.84	1.85	1.80	1.66	1.84
10	1.75	1.78	---	---	3.11	10.04	4.31	1.81	1.76	2.03	1.64	1.83
11	1.76	1.78	---	---	3.24	9.54	4.41	1.78	1.71	1.91	1.63	1.79
12	1.76	1.74	---	---	3.29	8.63	4.48	1.76	1.69	1.82	1.64	1.77
13	1.75	1.75	---	---	3.30	7.40	4.31	1.74	1.69	1.99	1.66	1.77
14	1.77	1.78	---	---	3.33	6.42	3.95	1.74	1.68	2.36	1.69	1.80
15	1.83	1.79	---	---	3.31	5.90	3.79	1.75	1.68	2.02	1.73	2.03
16	1.81	1.77	---	---	3.20	5.57	3.76	1.73	1.71	1.86	2.12	2.05
17	1.77	1.75	---	---	3.01	5.33	3.84	1.71	1.67	1.78	1.88	1.94
18	1.75	1.74	---	---	2.83	5.15	4.24	1.74	1.65	1.74	1.76	1.87
19	1.74	1.74	---	---	2.71	4.96	4.54	2.58	1.69	1.71	1.73	5.31
20	1.74	1.73	---	---	2.64	4.81	4.34	2.57	1.71	1.69	1.85	4.30
21	1.73	1.74	---	---	2.60	5.16	4.02	2.16	1.86	1.71	2.19	3.10
22	1.73	1.75	---	---	2.57	5.42	3.74	1.92	1.93	1.69	1.91	2.53
23	1.73	1.76	---	---	2.54	5.47	3.44	1.84	1.78	1.71	1.78	2.56
24	1.74	1.86	---	---	2.41	5.66	3.15	1.80	1.72	1.76	1.73	2.62
25	1.75	1.93	---	---	2.24	5.80	2.93	1.77	1.70	1.78	1.70	2.55
26	1.73	1.85	---	---	2.14	5.76	2.68	1.75	2.01	1.76	1.87	2.45
27	1.70	---	---	---	2.08	5.57	2.55	1.73	2.35	1.75	2.11	2.42
28	1.69	---	---	---	2.12	5.37	2.45	1.71	1.91	1.87	2.14	2.41
29	1.69	---	---	---	---	5.21	2.37	1.71	1.81	1.87	2.18	2.33
30	1.71	---	---	---	---	5.00	2.30	1.71	1.80	1.80	3.61	2.26
31	1.72	---	---	---	---	4.77	---	1.71	---	1.73	3.93	---
MEAN	1.76	---	---	---	---	6.83	3.75	1.91	1.77	1.84	1.95	2.38
MAX	1.86	---	---	---	---	11.27	4.54	2.58	2.35	2.36	3.93	5.31
MIN	1.69	---	---	---	---	2.18	2.30	1.71	1.65	1.69	1.63	1.77

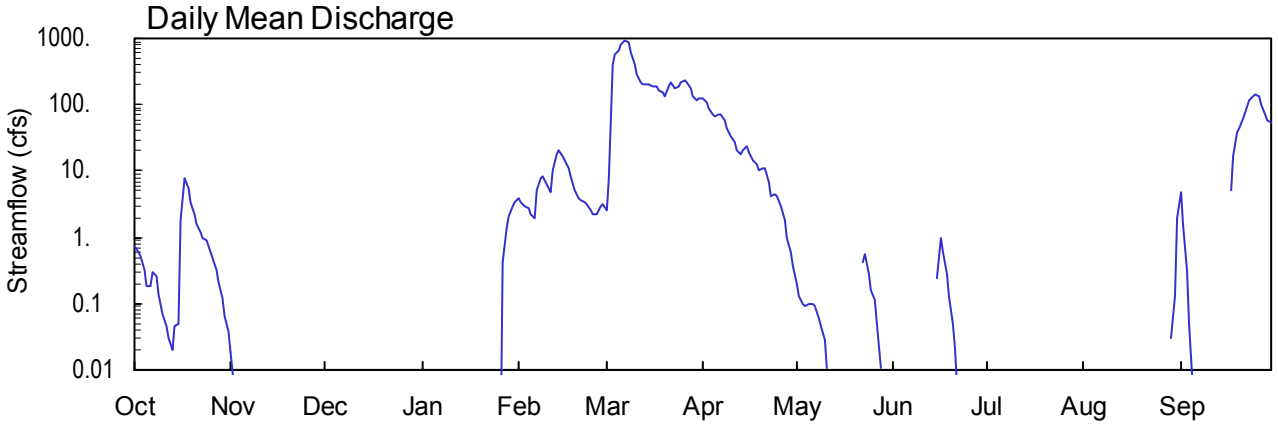
SUWANNEE RIVER BASIN

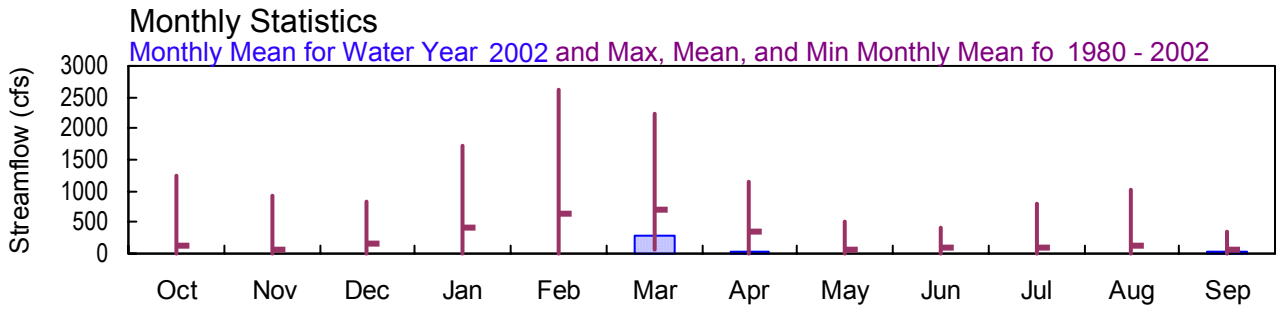
2002 Water Year

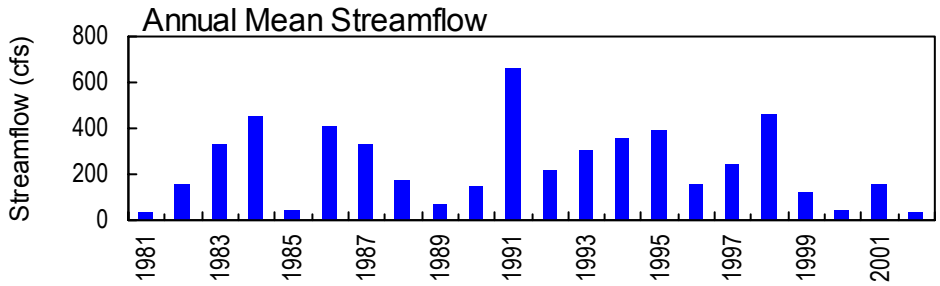
02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA

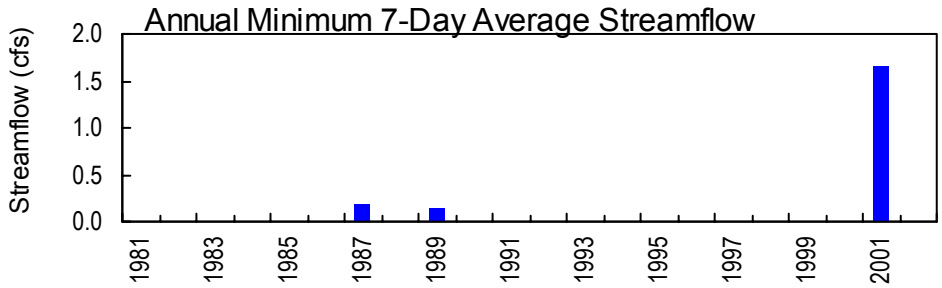
Latitude: 30°49'32" Longitude: 83°33'45" Hydrologic Unit Code: 03110203 Brooks County

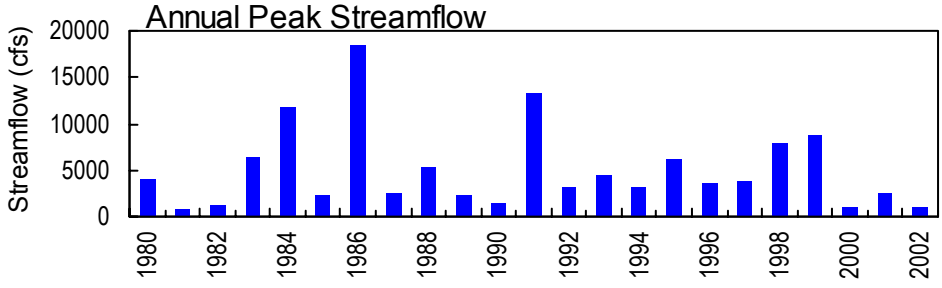
Drainage Area: 269. mi^2 Datum: 110.00 feet











SUWANNEE RIVER BASIN
2002 Water Year

02318700 OKAPILCO CREEK AT GA 333, NEAR QUITMAN, GA

LOCATION.—Lat 30°49'32", long 83°33'45" referenced to North American Datum (NAD) of 1929, Brooks County, Hydrologic Unit 03110203, on downstream side of bridge pier on GA 333, 1.0 mile downstream from Coon Creek, and 3.0 mile north of Quitman.

DRAINAGE AREA.—269 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—December 1979 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Elevation of gage is 110.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,200 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 7	1315	989*	10.82*

WATER-STAGE RECORDS

PERIOD OF RECORD.—December 1979 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Elevation of gage is 110.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 10.82 feet, March 7; minimum gage-height recorded, 1.71 feet, January 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 27, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 027
LATITUDE 304932 LONGITUDE 0833345 NAD83 DRAINAGE AREA 269.00* CONTRIBUTING DRAINAGE AREA DATUM 110.00 NGVD29
Date Processed: 2003-03-10 09:41 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.75	0.02	0.00	0.00	3.9	2.6	127	0.20	0.00	0.00	0.00	4.7
2	0.60	0.0	0.00	0.00	3.3	7.4	111	0.13	0.00	0.00	0.00	1.6
3	0.51	0.00	0.00	0.00	2.9	408	89	0.10	0.00	0.00	0.00	0.31
4	0.31	0.00	0.00	0.00	2.7	555	74	0.10	0.00	0.00	0.00	0.05
5	0.18	0.00	0.00	0.00	2.2	640	67	0.10	0.00	0.00	0.00	0.00
6	0.19	0.00	0.00	0.00	1.9	807	70	0.10	0.00	0.00	0.00	0.00
7	0.30	0.00	0.00	0.00	5.2	947	70	0.09	0.00	0.00	0.00	0.00
8	0.26	0.00	0.00	0.00	7.9	846	59	0.06	0.00	0.00	0.00	0.00
9	0.14	0.00	0.00	0.00	8.3	603	43	0.05	0.00	0.00	0.00	0.00
10	0.07	0.00	0.00	0.00	6.5	410	34	0.03	0.00	0.00	0.00	0.00
11	0.05	0.00	0.00	0.00	4.8	286	27	0.01	0.00	0.00	0.00	0.00
12	0.03	0.00	0.00	0.00	10	212	21	0.00	0.00	0.00	0.00	0.00
13	0.02	0.00	0.00	0.00	18	202	18	0.00	0.00	0.00	0.00	0.00
14	0.05	0.00	0.00	0.00	20	200	21	0.00	0.00	0.00	0.00	0.00
15	0.05	0.00	0.00	0.00	17	196	24	0.00	0.25	0.00	0.00	0.00
16	1.8	0.00	0.00	0.00	15	193	19	0.00	1.0	0.00	0.00	0.00
17	7.9	0.00	0.00	0.00	11	183	15	0.00	0.58	0.00	0.00	e5.2
18	5.4	0.00	0.00	0.00	8.4	168	13	0.00	0.27	0.00	0.00	e17
19	3.5	0.00	0.00	0.00	5.3	150	10	0.00	0.13	0.00	0.00	e39
20	2.3	0.00	0.00	0.00	3.9	136	11	0.00	0.05	0.00	0.00	e45
21	1.6	0.00	0.00	0.00	3.6	183	11	0.00	0.02	0.00	0.00	e64
22	1.2	0.00	0.00	0.00	3.5	215	6.7	0.41	0.00	0.00	0.00	e95
23	0.99	0.00	0.00	0.00	3.1	182	4.1	0.56	0.00	0.00	0.00	e118
24	0.89	0.00	0.00	0.00	2.5	192	4.5	0.27	0.00	0.00	0.00	e132
25	0.72	0.00	0.00	0.00	2.2	218	4.3	0.16	0.00	0.00	0.00	139
26	0.49	0.00	0.00	0.00	2.3	236	3.0	0.11	0.00	0.00	0.00	130
27	0.32	0.00	0.00	0.43	3.0	218	1.8	0.05	0.00	0.00	0.00	98
28	0.21	0.00	0.00	1.4	3.2	172	1.0	0.01	0.00	0.00	0.00	74
29	0.12	0.00	0.00	2.1	---	133	0.60	0.00	0.00	0.00	0.03	59
30	0.07	0.00	0.00	2.9	---	118	0.36	0.00	0.00	0.00	0.13	54
31	0.04	---	0.00	3.5	---	123	---	0.00	---	0.00	1.9	---
TOTAL	31.06	0.02	0.00	10.33	181.6	9142.0	960.36	2.54	2.30	0.00	2.06	1075.86
MEAN	1.00	0.001	0.000	0.33	6.49	295	32.0	0.082	0.077	0.000	0.066	35.9
MAX	7.9	0.02	0.00	3.5	20	947	127	0.56	1.0	0.00	1.9	139
MIN	0.02	0.00	0.00	0.00	1.9	2.6	0.36	0.00	0.00	0.00	0.00	0.00
CFSM	0.00	0.00	0.00	0.00	0.02	1.10	0.12	0.00	0.00	0.00	0.00	0.13
IN.	0.00	0.00	0.00	0.00	0.03	1.26	0.13	0.00	0.00	0.00	0.00	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

MEAN	139	77.5	166	424	635	714	337	66.0	80.2	95.2	126	63.0
MAX	1255	910	839	1735	2614	2223	1160	507	424	788	1031	342
(WY)	1995	1998	1986	1991	1986	1991	1983	1991	1994	1991	1994	2000
MIN	0.000	0.000	0.000	0.33	1.95	52.5	10.4	0.051	0.001	0.000	0.066	0.000
(WY)	1982	1991	1991	2002	1989	1985	1999	1999	1998	2000	2002	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1980 - 2002	
ANNUAL TOTAL	55200.45		11408.13			
ANNUAL MEAN	151		31.3		241	
HIGHEST ANNUAL MEAN					664	1991
LOWEST ANNUAL MEAN					31.3	2002
HIGHEST DAILY MEAN	2400	Mar 18	947	Mar 7	14600	Feb 12 1986
LOWEST DAILY MEAN	0.00	Nov 2	0.00	Nov 2	0.00	Sep 6 1980
ANNUAL SEVEN-DAY MINIMUM	0.00	Nov 2	0.00	Nov 2	0.00	Sep 10 1980
MAXIMUM PEAK FLOW			989	Mar 7	18500	Feb 12 1986
MAXIMUM PEAK STAGE			10.86	Mar 7	18.75	Feb 12 1986
ANNUAL RUNOFF (CFSM)	0.56		0.12		0.90	
ANNUAL RUNOFF (INCHES)	7.63		1.58		12.17	
10 PERCENT EXCEEDS	480		96		677	
50 PERCENT EXCEEDS	36		0.00		25	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

STATION NUMBER 02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 027
LATITUDE 304932 LONGITUDE 0833345 NAD83 DRAINAGE AREA 269.00* CONTRIBUTING DRAINAGE AREA DATUM 110.00 NGVD29
Date Processed: 2003-03-10 08:38 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.25	2.93	2.27	1.78	4.00	3.87	6.70	3.35	2.99	2.73	2.26	4.05
2	3.21	2.90	2.24	1.82	3.94	4.14	6.46	3.30	2.94	2.68	2.42	3.72
3	3.18	2.87	2.22	1.83	3.90	8.53	6.15	3.28	2.88	2.64	2.41	3.39
4	3.10	2.84	2.20	1.82	3.88	9.65	5.91	3.28	2.85	2.62	2.41	3.22
5	3.04	2.81	2.19	1.80	3.81	9.96	5.80	3.28	2.84	2.59	2.39	3.12
6	3.04	2.77	2.17	1.80	3.77	10.47	5.85	3.28	2.90	2.55	2.36	3.06
7	3.10	2.74	2.16	1.79	4.07	10.78	5.84	3.27	2.87	2.51	2.33	3.01
8	3.08	2.71	2.13	1.77	4.23	10.57	5.64	3.24	2.84	2.47	2.30	2.97
9	3.01	2.68	2.12	1.76	4.24	9.82	5.33	3.22	2.80	2.44	2.26	2.93
10	2.95	2.65	2.11	1.74	4.16	9.01	5.08	3.19	2.77	2.41	2.22	2.89
11	2.92	2.63	2.11	1.73	4.07	8.29	4.91	3.15	2.73	2.37	2.18	2.85
12	2.90	2.59	2.10	1.73	4.32	7.71	4.75	3.10	2.70	2.34	2.15	2.79
13	2.87	2.57	2.08	1.81	4.64	7.62	4.64	3.05	2.66	2.39	2.12	2.76
14	2.92	2.54	2.07	1.82	4.69	7.60	4.73	3.02	2.63	2.40	2.10	2.76
15	2.92	2.52	2.05	1.84	4.62	7.56	4.83	2.98	3.13	2.37	2.08	2.78
16	3.28	2.49	2.04	1.83	4.51	7.52	4.66	2.93	3.62	2.32	2.06	2.75
17	4.03	2.47	2.02	1.81	4.39	7.41	4.54	2.90	3.50	2.28	2.03	---
18	3.84	2.44	2.03	1.80	4.25	7.24	4.44	2.89	3.38	2.24	2.00	---
19	3.67	2.42	2.01	1.79	4.10	7.01	4.33	3.01	3.30	2.20	1.97	---
20	3.54	2.39	1.99	1.78	4.00	6.83	4.37	3.00	3.22	2.17	2.02	---
21	3.44	2.37	1.95	1.82	3.97	7.36	4.35	2.98	3.18	2.14	2.22	---
22	3.37	2.35	1.94	1.84	3.96	7.73	4.17	3.40	3.11	2.11	2.20	---
23	3.34	2.35	1.93	1.84	3.92	7.40	4.02	3.50	3.08	2.17	2.17	---
24	3.32	2.36	1.92	1.92	3.85	7.51	4.05	3.38	3.06	2.28	2.14	---
25	3.27	2.34	1.90	2.15	3.81	7.76	4.04	3.33	3.01	2.28	2.12	6.87
26	3.21	2.32	1.88	2.82	3.82	7.92	3.91	3.29	2.98	2.28	2.12	6.74
27	3.15	2.30	1.86	3.43	3.91	7.76	3.75	3.22	2.94	2.25	2.10	6.25
28	3.10	2.28	1.84	3.68	3.93	7.28	3.62	3.15	2.89	2.23	2.55	5.82
29	3.05	2.26	1.83	3.80	---	6.79	3.51	3.09	2.84	2.22	3.12	5.53
30	3.00	2.26	1.81	3.89	---	6.56	3.43	3.05	2.79	2.19	3.30	5.43
31	2.96	---	1.80	3.96	---	6.65	---	3.04	---	2.16	3.65	---
MEAN	3.20	2.54	2.03	2.16	4.10	7.82	4.79	3.17	2.98	2.36	2.31	---
MAX	4.03	2.93	2.27	3.96	4.69	10.78	6.70	3.50	3.62	2.73	3.65	---
MIN	2.87	2.26	1.80	1.73	3.77	3.87	3.43	2.89	2.63	2.11	1.97	---

STATION NUMBER 02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 027
LATITUDE 304932 LONGITUDE 0833345 NAD83 DRAINAGE AREA 269.00* CONTRIBUTING DRAINAGE AREA DATUM 110.00 NGVD29
Date Processed: 2003-03-10 08:38 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.02	0.02	0.00	0.00	0.01	0.00	0.01	0.00	2.77	0.00
2	0.00	0.00	0.00	0.94	0.00	3.51	0.00	0.00	0.00	0.00	0.09	0.00
3	0.01	0.00	0.02	0.02	0.00	3.01	0.02	0.00	0.23	0.27	0.16	0.00
4	0.02	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.10	0.01	0.00
5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.12	0.00	0.00	0.00
6	0.96	0.00	0.11	0.23	0.90	0.00	0.00	0.00	0.02	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.01	0.01	0.00	0.00
8	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.07	0.15	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.10	0.07	0.00	0.00	0.03	0.00	0.00
10	0.00	0.00	0.32	0.00	0.00	0.01	0.31	0.01	0.04	0.01	0.00	0.00
11	0.00	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
12	0.02	0.00	0.01	0.98	0.01	0.60	0.03	0.00	0.02	1.01	0.00	0.00
13	0.01	0.00	0.02	0.01	0.00	0.01	0.31	0.14	0.00	0.88	0.01	0.38
14	0.95	0.00	0.01	0.60	0.00	0.01	0.16	0.02	0.14	0.00	0.26	---
15	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.32	---
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	---
17	0.00	0.00	0.33	0.00	0.00	0.00	0.03	0.04	0.00	0.00	0.01	---
18	0.00	0.00	0.01	0.00	0.00	0.01	0.00	1.04	0.05	0.00	0.00	---
19	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.84	0.00	0.00	0.15	---
20	0.00	0.00	0.00	0.00	0.27	0.01	0.00	0.02	0.22	0.17	3.09	---
21	0.00	0.00	0.00	0.87	0.00	1.48	0.00	0.00	0.27	0.00	0.08	---
22	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
23	0.00	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.55	2.27	0.00	---
24	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.00	---
25	0.00	0.05	0.00	0.94	0.00	0.01	0.01	0.00	0.10	0.80	0.67	---
26	0.00	0.01	0.00	0.00	0.14	0.36	0.00	0.00	0.17	0.01	0.02	---
27	0.00	0.00	0.00	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.09	---
28	0.00	0.00	0.00	0.11	0.00	0.01	0.00	0.00	0.00	0.37	0.01	---
29	0.00	0.00	0.00	0.03	---	0.00	0.02	0.00	0.00	0.18	0.15	---
30	0.00	0.51	0.00	0.00	---	0.00	0.00	0.50	0.00	0.00	0.46	---
31	0.00	---	0.00	0.00	---	0.17	---	0.01	---	0.00	0.40	---
TOTAL	1.97	1.25	1.25	5.01	2.21	9.31	1.01	2.62	3.05	6.30	8.79	---

02327350 OCHLOCKONEE RIVER TRIBUTARY NEAR COOLIDGE, GA

LOCATION.—Lat 31°01'33", long 83°57'32" referenced to North American Datum (NAD) of 1927, Thomas County, Hydrologic Unit 03120002, at culvert on GA 202, 5.5 miles west of Coolidge.

DRAINAGE AREA.—1.81 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1964 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 200.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 6.14 feet, December 4, 1964
DISCHARGE: 789 ft^3/s, December 4, 1964

MAXIMUM FOR CURRENT YEAR.—
STAGE: 1.78 feet, March 3
DISCHARGE: 109 ft^3/s, March 3

OCHLOCKONEE RIVER BASIN
2002 Water Year

02327355 OCHLOCKONEE RIVER AT GA 188, NEAR COOLIDGE, GA

LOCATION.—Lat 31°00'08", long 83°56'21" referenced to North American Datum (NAD) of 1927, Thomas County, Hydrologic Unit 03120002, at GA 188, 4.0 miles west of Coolidge.

DRAINAGE AREA.—260 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1981 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 166.86 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 17.28 feet, March 7, 1984
DISCHARGE: 13,100 ft^3/s, March 7, 1984

MAXIMUM FOR CURRENT YEAR.—
STAGE: 10.69 feet, September 14
DISCHARGE: 1,470 ft^3/s, September 14

02327415 LITTLE OCHLOCKONEE RIVER AT GA 111, NEAR MOULTRIE, GA

LOCATION.—Lat 31°07'02", long 83°58'42" referenced to North American Datum (NAD) of 1927, Colquitt County, Hydrologic Unit 03120002, at GA 111, 10.0 miles west of Moultrie.

DRAINAGE AREA.—44.8 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1981 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 218.65 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 10.29 feet, March 9, 1998
DISCHARGE: 6,660 ft^3/s, March 9, 1998

MAXIMUM FOR CURRENT YEAR.—
STAGE: 7.13 feet, September 14
DISCHARGE: 990 ft^3/s, September 14

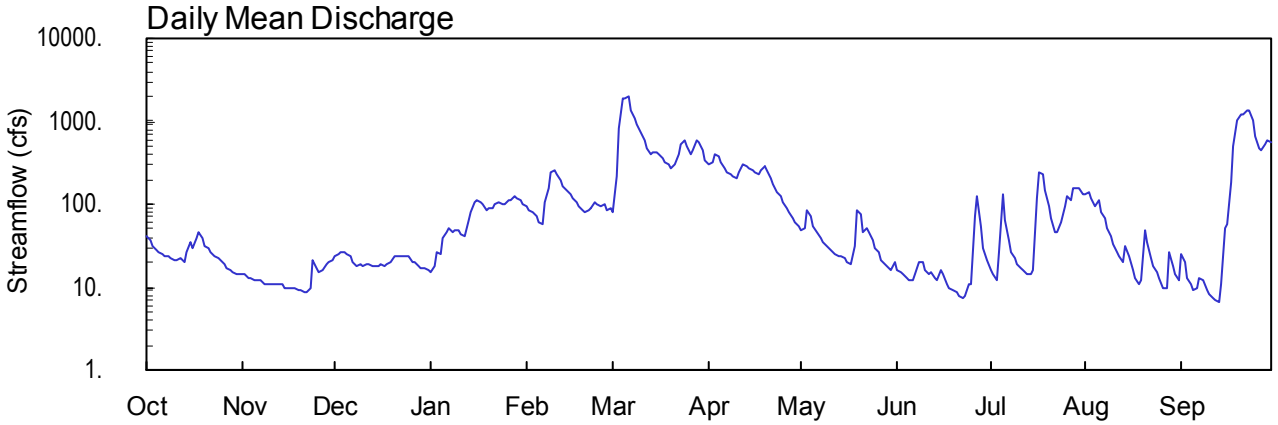
OCHLOCKONEE RIVER BASIN

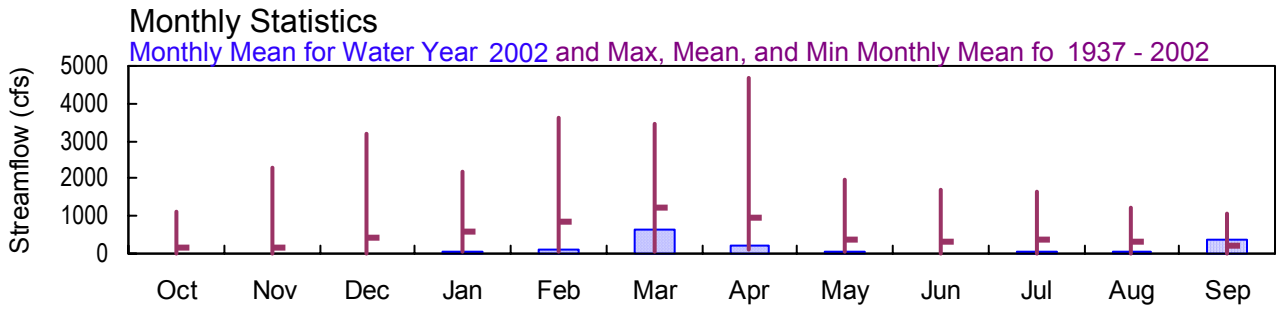
2002 Water Year

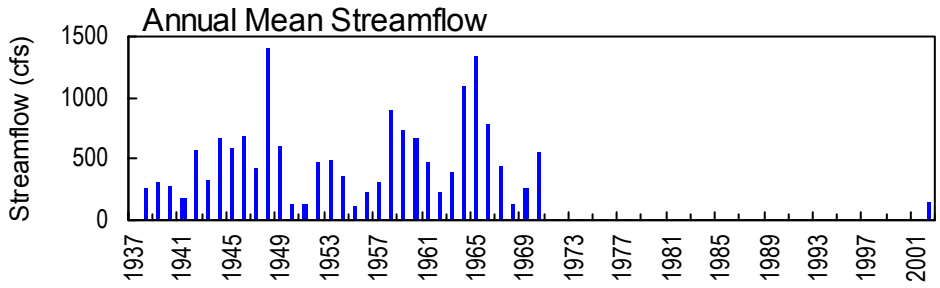
02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA

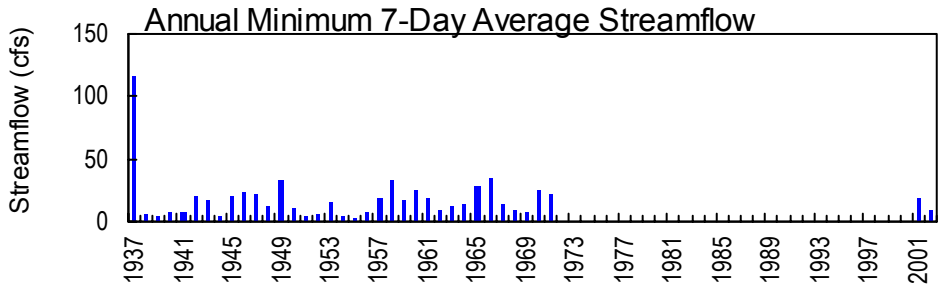
Latitude: 30°52'32" Longitude: 84°02'44" Hydrologic Unit Code: 03120002 Thomas County

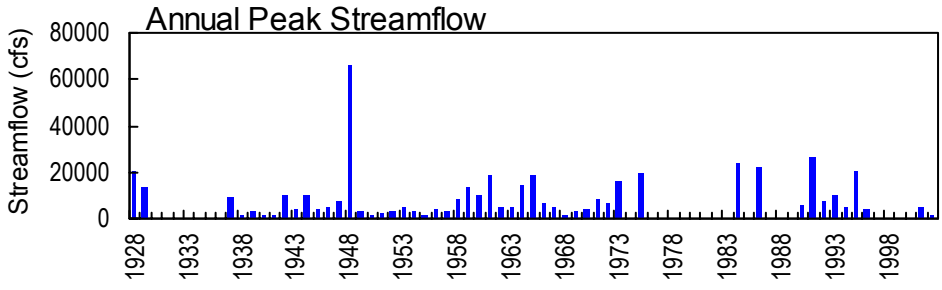
Drainage Area: 550. mi^2 Datum: 133.60 feet

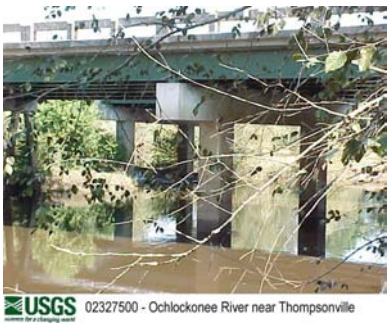












OCHLOCKNEE RIVER BASIN
2002 Water Year

02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA

LOCATION.—Lat. 30°52'32", long. 84°02'44" referenced to North American Datum (NAD) of 1927, Thomas County, on downstream side of left bank pier of bridge on US 84, 2.0 miles upstream from Seaboard Coast Line Railroad bridge, 4.0 miles upstream from Barnetts Creek, 5.0 miles northwest of Thomasville, and 6.0 miles downstream from Little Ochlocknee River.

DRAINAGE AREA.—550 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 1937 to June 1971, October 2000 to current year.

REVISED RECORDS.—WSP 1112: 1937, 1939, 1945 (M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 133.60 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to January 7, 1947, a non-recording gage was located at same site and datum.

REMARKS.—Records good, except those for periods of estimated daily discharge which are fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1937 to June 1971, October 2000 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 133.60 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to January 7, 1947, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.70 feet, March 6; minimum gage-height recorded, 0.87 feet, September 13.

02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 1, 2001 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 275
LATITUDE 305232 LONGITUDE 0840244 NAD27 DRAINAGE AREA 550.00* CONTRIBUTING DRAINAGE AREA DATUM 133.60 NGVD29
Date Processed: 2003-03-10 09:44 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	e14	24	e15	93	e79	304	48	16	16	131	25
2	e37	14	25	e18	87	e218	324	52	15	14	136	20
3	31	13	26	e26	79	821	391	83	14	12	116	13
4	28	13	27	e25	73	1850	371	70	13	27	95	11
5	26	12	25	e38	61	e1900	318	54	12	131	111	9.3
6	25	e12	23	47	58	e1950	270	45	12	64	82	10
7	24	12	20	50	107	e1350	238	40	14	36	66	13
8	23	e11	18	e45	153	e1070	231	35	20	26	52	12
9	22	11	19	e49	243	897	220	32	20	22	41	9.3
10	21	11	18	e49	262	718	207	29	16	19	33	8.3
11	21	11	19	44	225	588	243	27	14	17	27	7.5
12	22	11	e19	41	192	460	303	25	15	16	23	6.8
13	20	11	18	65	169	403	295	23	13	14	20	6.7
14	26	11	18	e79	150	413	275	23	12	14	31	11
15	35	10	18	e104	135	431	262	22	16	16	23	52
16	30	10	e19	e112	118	404	239	20	14	121	16	57
17	e40	e9.9	e18	e108	105	360	232	19	11	247	13	186
18	47	9.8	e19	e98	e95	323	250	31	9.8	227	11	502
19	39	9.3	e20	e86	e85	300	288	86	9.2	147	12	1010
20	32	9.1	e23	90	79	278	261	75	8.6	93	48	1190
21	29	e8.9	e24	90	85	303	209	45	7.9	66	34	1210
22	26	8.9	e24	100	e89	409	172	50	7.3	47	22	1370
23	24	9.7	e23	107	e103	537	143	46	7.9	47	18	1380
24	22	21	e23	100	e100	594	122	37	11	60	15	1050
25	21	17	e23	102	e97	512	107	30	11	93	13	664
26	19	15	e20	113	e102	408	92	26	70	124	10	460
27	e17	16	e20	113	e85	444	78	21	122	113	10	438
28	16	19	e18	123	e91	578	68	19	53	158	26	520
29	e15	20	e17	118	---	552	60	17	29	155	18	595
30	14	21	17	110	---	438	54	16	21	153	14	571
31	e14	---	e16	100	---	345	---	20	---	133	12	---
TOTAL	807	381.6	641	2365	3321	19933	6627	1166	614.7	2428	1279	11417.9
MEAN	26.0	12.7	20.7	76.3	119	643	221	37.6	20.5	78.3	41.3	381
MAX	47	21	27	123	262	1950	391	86	122	247	136	1380
MIN	14	8.9	16	15	58	79	54	16	7.3	12	10	6.7
CFSM	0.05	0.02	0.04	0.14	0.22	1.17	0.40	0.07	0.04	0.14	0.08	0.69
IN.	0.05	0.03	0.04	0.16	0.22	1.35	0.45	0.08	0.04	0.16	0.09	0.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	158	159	412	605	856	1221	947	382	303	367	317	216
MAX	1108	2266	3213	2173	3638	3447	4692	1987	1716	1637	1217	1058
(WY)	1965	1948	1965	1964	1965	1948	1948	1964	1965	1945	1964	1937
MIN	4.76	5.73	9.95	28.1	54.1	78.1	95.6	37.6	20.5	18.6	10.6	4.68
(WY)	1955	1939	1939	1939	1957	1955	1968	2002	2002	1954	1954	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	162913.6		50686.2			
ANNUAL MEAN	446		139		490	
HIGHEST ANNUAL MEAN					1404	1948
LOWEST ANNUAL MEAN					110	1955
HIGHEST DAILY MEAN	5400	Mar 17	1850	Mar 4	57400	Apr 2 1948
LOWEST DAILY MEAN	8.9	Nov 21	6.7	Sep 13	2.6	Oct 17 1938
ANNUAL SEVEN-DAY MINIMUM	9.4	Nov 17	8.8	Sep 8	3.9	Oct 19 1954
MAXIMUM PEAK FLOW			2100	Mar 5	5520	Mar 17 2001
MAXIMUM PEAK STAGE			11.60	Mar 5	15.19	Mar 17 2001
INSTANTANEOUS LOW FLOW			6.2	Sep 13	6.2	Sep 13 2002
ANNUAL RUNOFF (CFSM)	0.81		0.25		0.89	
ANNUAL RUNOFF (INCHES)	11.02		3.43		12.11	
10 PERCENT EXCEEDS	1330		396		1220	
50 PERCENT EXCEEDS	149		35		151	
90 PERCENT EXCEEDS	18		11		18	

e Estimated

STATION NUMBER 02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 275
LATITUDE 305232 LONGITUDE 0840244 NAD27 DRAINAGE AREA 550.00* CONTRIBUTING DRAINAGE AREA DATUM 133.60 NGVD29
Date Processed: 2003-03-10 08:40 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.05	1.29	1.60	1.35	3.06	2.64	5.59	2.10	1.25	1.24	3.54	1.50
2	1.92	1.29	1.64	---	2.97	3.62	5.77	2.17	1.22	1.17	3.61	1.39
3	1.82	1.27	1.68	---	2.81	8.22	6.34	2.77	1.17	1.12	3.31	1.16
4	1.75	1.27	1.70	---	2.70	11.10	6.18	2.54	1.14	1.47	2.98	1.06
5	1.68	1.24	1.65	1.97	2.49	---	5.72	2.22	1.12	3.53	3.23	1.01
6	1.64	1.22	1.58	2.19	2.42	---	5.27	2.02	1.12	2.41	2.75	1.06
7	1.64	1.23	1.51	2.25	3.27	---	4.95	1.90	1.17	1.82	2.45	1.17
8	1.58	1.21	1.45	2.17	3.95	---	4.87	1.80	1.38	1.55	2.17	1.12
9	1.55	1.21	1.46	2.23	5.09	8.77	4.73	1.72	1.39	1.44	1.93	1.01
10	1.54	1.18	1.45	2.22	5.28	8.11	4.56	1.65	1.27	1.34	1.73	0.97
11	1.54	1.20	1.48	2.13	4.89	7.51	4.99	1.58	1.19	1.29	1.60	0.93
12	1.55	1.19	1.47	2.06	4.49	6.80	5.58	1.53	1.21	1.25	1.46	0.90
13	1.51	1.18	1.44	2.55	4.18	6.44	5.51	1.47	1.16	1.18	1.38	0.90
14	1.67	1.18	1.44	2.66	3.93	6.51	5.32	1.48	1.12	1.18	1.69	1.08
15	1.91	1.17	1.44	3.34	3.71	6.62	5.19	1.44	1.26	1.24	1.46	2.12
16	1.79	1.17	1.46	3.73	3.46	6.44	4.96	1.37	1.19	3.32	1.24	2.29
17	2.06	1.15	1.44	3.66	3.26	6.09	4.88	1.33	1.05	5.02	1.14	4.23
18	2.19	1.15	1.48	3.47	3.07	5.77	5.07	1.70	1.03	4.80	1.08	6.95
19	2.02	1.13	---	3.14	2.93	5.55	5.44	2.79	1.01	3.75	1.10	9.12
20	1.83	1.12	---	3.01	2.81	5.35	5.17	2.62	0.98	2.93	2.05	9.66
21	1.75	1.11	---	3.01	2.92	5.57	4.59	2.02	0.95	2.45	1.77	9.70
22	1.67	1.11	---	3.17	3.01	6.47	4.11	2.13	0.92	2.07	1.44	10.12
23	1.61	1.14	---	3.29	3.22	7.24	3.71	2.06	0.95	2.05	1.32	10.13
24	1.56	1.53	---	3.18	3.25	7.55	3.40	1.85	1.08	2.33	1.21	9.27
25	1.52	1.40	---	3.21	3.12	7.10	3.17	1.66	1.09	2.93	1.14	7.85
26	1.46	1.33	---	3.38	---	6.46	2.92	1.55	2.41	3.43	1.05	6.80
27	1.39	1.39	1.46	3.38	---	6.72	2.69	1.43	3.39	3.26	1.06	6.66
28	1.38	1.48	1.44	3.53	2.72	7.46	2.50	1.35	2.18	3.91	1.56	7.14
29	1.32	1.50	1.41	3.46	---	7.33	2.34	1.30	1.62	3.88	1.30	7.55
30	1.32	1.51	1.40	3.34	---	6.66	2.21	1.26	1.40	3.85	1.18	7.43
31	1.30	---	1.36	3.18	---	5.96	---	1.37	---	3.57	1.10	---
MEAN	1.66	1.25	---	---	---	---	4.59	1.81	1.31	2.48	1.81	4.41
MAX	2.19	1.53	---	---	---	---	6.34	2.79	3.39	5.02	3.61	10.13
MIN	1.30	1.11	---	---	---	---	2.21	1.26	0.92	1.12	1.05	0.90

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 275
LATITUDE 305232 LONGITUDE 0840244 NAD27 DRAINAGE AREA 550.00* CONTRIBUTING DRAINAGE AREA DATUM 133.60 NGVD29
Date Processed: 2003-03-10 08:40 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.08	0.00	0.00	0.01	0.06	0.00	0.01	0.08	0.00
2	0.00	0.07	0.00	0.86	0.00	2.84	0.03	0.06	0.00	0.10	0.00	0.01
3	0.01	0.00	0.00	0.02	0.00	1.21	0.15	0.05	0.07	0.56	0.00	0.05
4	0.02	0.00	0.00	0.00	0.00	---	0.11	0.00	0.02	3.47	0.07	0.00
5	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.19	0.02	0.01	0.00
6	0.18	0.03	0.00	0.25	0.78	0.00	0.00	0.05	0.27	0.46	0.09	0.54
7	0.00	0.00	0.00	0.02	0.52	0.00	0.00	0.04	0.78	0.00	0.00	0.00
8	0.04	0.03	0.01	0.04	0.00	0.08	0.05	0.00	0.30	0.31	0.01	0.00
9	0.01	0.05	0.01	0.00	0.00	0.04	0.08	0.08	0.01	0.00	0.03	0.00
10	0.08	0.00	0.27	0.07	0.00	0.00	0.56	0.04	0.00	0.00	0.00	0.00
11	0.07	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.10	0.12	0.00	0.00
12	0.04	0.01	0.00	1.21	0.07	0.48	0.14	0.00	0.05	0.12	0.01	0.00
13	0.00	0.00	0.01	0.01	0.00	0.02	0.13	0.28	0.00	0.00	1.09	0.16
14	0.93	0.10	0.00	0.48	0.00	0.05	0.20	0.12	0.66	0.00	0.03	1.61
15	0.00	0.00	0.00	0.02	0.04	0.00	0.05	0.00	0.00	0.00	0.28	0.85
16	0.15	0.00	0.00	0.00	0.03	0.00	0.08	0.00	0.00	0.02	0.00	0.09
17	0.02	0.00	0.34	0.00	0.00	0.02	0.00	0.08	0.03	0.04	0.48	0.11
18	0.03	0.00	0.01	0.00	0.00	0.00	1.47	2.39	0.09	0.01	0.03	1.87
19	0.06	0.00	0.00	0.21	0.01	0.00	0.01	0.99	0.01	0.00	0.10	0.01
20	0.00	0.00	0.01	0.00	0.55	0.01	0.00	0.13	0.00	1.26	0.00	0.03
21	0.00	0.00	0.00	0.25	0.02	1.05	0.00	0.05	0.07	0.01	0.02	0.02
22	0.02	0.00	0.00	0.06	0.00	0.00	0.06	0.00	0.02	0.03	0.00	0.00
23	0.00	0.73	0.05	0.00	0.00	0.00	0.00	0.00	0.03	0.83	0.01	---
24	0.17	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.22	0.00	---
25	0.11	0.00	0.00	0.76	0.00	0.00	0.02	0.01	0.76	0.74	0.00	0.04
26	0.10	0.00	0.13	0.00	0.04	1.29	0.05	0.00	1.00	0.05	0.06	1.72
27	0.00	0.11	0.00	0.13	0.00	0.02	0.00	0.00	0.05	0.44	0.93	0.18
28	0.00	0.01	0.05	0.03	0.00	0.02	0.00	0.00	0.08	0.06	0.00	0.00
29	0.02	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.15	0.01	0.00
30	0.07	0.19	0.00	0.00	---	0.00	0.08	0.05	0.08	0.00	0.10	0.03
31	0.00	---	0.00	0.00	---	0.40	---	0.09	---	0.00	0.15	---
TOTAL	2.13	1.33	0.91	4.50	2.06	---	3.35	4.57	4.74	9.03	3.59	---

OCHLOCKONEE RIVER BASIN
2002 Water Year

02327860 POPPLE BRANCH AT GA 179, NEAR WHIGHAM, GA

LOCATION.—Lat 30°55'36", long 84°20'18" (revised) referenced to North American Datum (NAD) of 1927, Grady County, Hydrologic Unit 03120002, at culvert on GA 179, 3.2 miles north of Whigham.

DRAINAGE AREA.—1.71 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 245.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 6.92 feet, February 11, 1986
DISCHARGE: 609 ft^3/s, February 11, 1986

MAXIMUM FOR CURRENT YEAR.—
STAGE: 2.27 feet, March 3
DISCHARGE: 101 ft^3/s, March 3

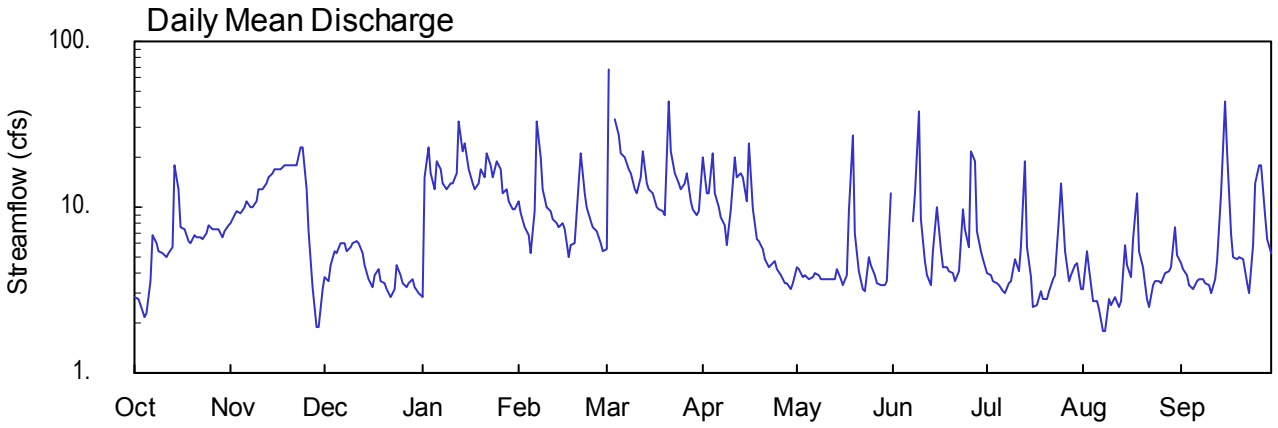
OCHLOCKONEE RIVER BASIN

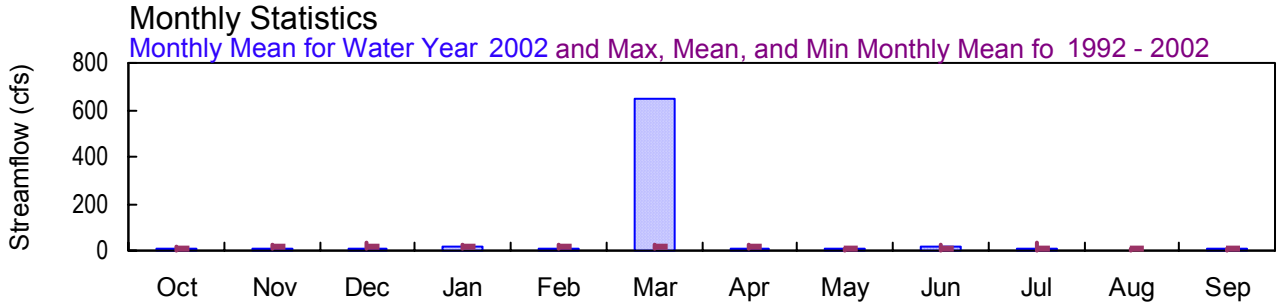
2002 Water Year

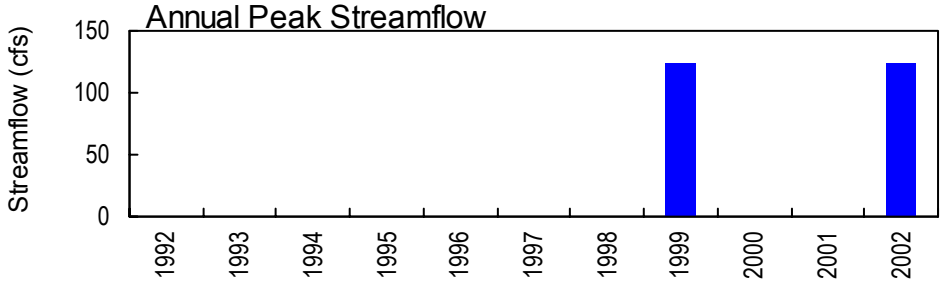
02329342 LITTLE ATTAPULGUS CREEK AT ATTAPULGUS, GA

Latitude: 30°44'08" Longitude: 84°29'49" Hydrologic Unit Code: 03120003 Decatur County

Drainage Area: 16.9 mi^2 Datum: 165.00 feet







NO PHOTOS AVAILABLE FOR THIS SITE

OCHLOCKONEE RIVER BASIN
2002 Water Year

02329342 LITTLE ATTAPULGUS CREEK AT ATTAPULGUS, GA

LOCATION.--Lat 30°44'08", long 84°29'49" referenced to North American Datum (NAD) of 1927, Decatur County, Hydrologic Unit 03120003, on left bank 50 feet downstream from flood-damaged weir at Engelhard Corporation, 1.2 miles southwest of Attapulgus, and 3.6 miles above mouth.

DRAINAGE AREA.--16.9 mi^2.

COOPERATION.—City of Attapulgus.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1991 to current year, discharge less than 125 ft^3/s only.

REVISED RECORD.--WDR GA-94-1: 1992, 1993, 2000.

GAGE.--Water-stage recorder. Elevation of gage is 165 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Low-water continuous streamflow up to 5.50 feet in gage-height only is published.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage-height, 13.95 feet, October 2, 1994; no flow part of each day, July 22 and 24, 1996 due to non-typical pumpage.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height, 5.51 feet, March 3; minimum daily discharge, 1.80 ft^3/s, August 7, 8; minimum discharge, undetermined but near zero flow, April 9.

WATER-STAGE RECORDS

PERIOD OF RECORD.-- November 1991 to current year, discharge less than 125 ft^3/s only.

GAGE.-- Water-stage recorder. Elevation of gage is 165 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.51 feet, March 3; minimum gage-height recorded, 1.53 feet, April 9.

STATION NUMBER 02329342 LITTLE ATTAPULGUS CREEK AT ATTAPULGUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 304408 LONGITUDE 0842949 NAD27 DRAINAGE AREA 16.9* CONTRIBUTING DRAINAGE AREA DATUM 165 NGVD29
Date Processed: 2003-03-10 11:57 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	8.1	3.8	2.9	11	e5.6	e20	4.3	---	4.0	3.2	4.6
2	2.8	9.0	3.6	15	9.1	e68	e12	4.2	---	3.9	5.4	4.2
3	2.6	9.4	4.5	23	7.5	---	e12	3.8	---	3.6	4.2	3.9
4	2.2	9.3	5.4	16	e6.7	e34	21	3.9	---	3.5	2.7	3.4
5	2.3	10	5.3	13	e5.3	e27	12	3.7	---	3.4	2.7	3.2
6	3.6	11	6.0	19	e9.5	e21	10	3.8	---	3.1	2.4	3.6
7	6.7	10	6.0	17	e33	e20	8.6	4.0	e8.3	3.0	1.8	3.7
8	6.0	10	5.5	14	e20	e17	7.8	3.9	12	3.5	1.8	3.7
9	5.4	11	5.8	13	e13	e16	5.9	3.7	38	3.6	2.8	3.5
10	5.3	13	6.0	14	e10	e13	9.6	3.7	8.5	4.8	2.6	3.4
11	5.0	13	6.3	14	e9.5	e12	20	3.7	4.7	4.1	2.9	3.0
12	5.3	14	6.1	16	e8.5	e15	15	3.7	3.9	5.8	2.5	3.7
13	5.8	15	5.3	33	e8.0	e22	16	3.7	3.4	19	2.7	4.7
14	18	16	4.5	22	e7.5	e14	15	4.2	5.5	5.7	5.9	12
15	13	17	3.7	24	e8.1	e13	11	3.7	10	3.8	4.5	43
16	7.6	17	3.3	17	e7.3	e12	24	e3.4	5.6	2.5	3.8	21
17	7.3	17	3.9	14	e5.00	e10	9.8	e3.9	4.4	2.6	6.5	6.7
18	6.2	18	4.2	13	e5.9	e9.7	6.4	e9.4	4.3	3.1	12	5.0
19	6.1	18	3.6	14	e6.0	e9.5	6.3	e27	4.1	2.8	5.5	4.9
20	6.8	18	3.5	17	e14	e9.0	5.6	e7.0	4.0	2.8	4.3	5.0
21	6.6	18	3.2	15	e21	e44	4.9	e4.1	3.6	3.1	2.8	4.8
22	6.6	18	2.9	21	e12	e22	4.4	e3.2	4.1	3.7	2.5	3.5
23	6.5	23	3.2	18	e9.9	e16	4.5	e3.1	9.7	3.9	3.4	3.0
24	6.9	23	4.5	15	e8.3	e14	4.7	e5.0	7.3	8.6	3.6	5.9
25	7.7	13	3.9	19	e7.5	e13	4.2	e4.5	5.7	14	3.6	14
26	7.4	7.2	3.5	17	e7.2	e14	3.9	e3.9	22	5.5	3.5	18
27	7.4	3.3	3.3	12	e6.0	e16	3.5	e3.5	19	3.6	4.0	18
28	7.4	1.9	3.5	13	e5.5	e11	3.5	e3.4	7.2	3.9	4.1	9.0
29	6.6	1.9	3.7	11	---	e9.8	3.2	e3.4	5.5	4.5	4.3	6.4
30	7.1	3.2	3.3	9.7	---	e8.9	3.5	e3.6	4.9	4.6	7.6	5.3
31	7.7	---	3.0	9.8	---	e9.5	---	e12	---	3.2	5.2	---
TOTAL	198.8	376.3	134.3	491.4	282.30	---	288.3	158.4	---	147.2	124.8	234.1
MEAN	6.41	12.5	4.33	15.9	10.1	---	9.61	5.11	---	4.75	4.03	7.80
MAX	18	23	6.3	33	33	---	24	27	---	19	12	43
MIN	2.2	1.9	2.9	2.9	5.0	---	3.2	3.1	---	2.5	1.8	3.0
CFSM	0.38	0.74	0.26	0.94	0.60	---	0.57	0.30	---	0.28	0.24	0.46
IN.	0.44	0.83	0.30	1.08	0.62	---	0.63	0.35	---	0.32	0.27	0.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2002, BY WATER YEAR (WY)

MEAN	8.27	12.9	14.3	16.3	14.8	17.1	14.5	7.55	11.1	10.6	7.80	8.41
MAX	17.1	21.5	35.0	24.7	21.5	27.0	22.9	12.6	29.3	34.9	12.7	12.3
(WY)	1996	1995	1998	1995	1994	1992	1996	1997	1994	1994	1998	2001
MIN	2.24	7.59	4.33	8.59	6.55	10.0	5.08	2.08	2.14	1.94	4.03	4.11
(WY)	2001	2001	2002	2000	2001	2000	2000	2000	2000	2000	2002	1999

SUMMARY STATISTICS WATER YEARS 1992 - 2002

HIGHEST DAILY MEAN	98	Feb 3	1998
LOWEST DAILY MEAN	0.22	Jun 11	2000
ANNUAL SEVEN-DAY MINIMUM	0.40	Jun 8	2000
MAXIMUM PEAK STAGE	13.95	Oct 2	1994

e Estimated

STATION NUMBER 02329342 LITTLE ATTAPULGUS CREEK AT ATTAPULGUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 304408 LONGITUDE 0842949 NAD27 DRAINAGE AREA 16.9* CONTRIBUTING DRAINAGE AREA DATUM 165 NGVD29
Date Processed: 2003-03-10 11:57 By acday
APPROVED
DD #1
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.05	2.13	2.53	2.49	2.41	2.15	2.58	1.95	---	1.94	1.89	1.97
2	2.04	2.17	2.53	2.72	2.36	3.98	2.31	1.96	---	1.93	2.02	1.95
3	2.03	2.18	2.56	2.75	2.30	4.84	2.30	1.92	---	1.91	1.95	1.93
4	2.01	2.18	2.60	2.58	2.26	3.03	2.61	1.93	---	1.90	1.85	1.90
5	2.01	2.22	2.60	2.53	2.21	2.82	2.33	1.92	---	1.89	1.85	1.89
6	2.07	2.23	2.63	2.67	2.34	2.64	2.26	1.92	---	1.88	1.84	1.91
7	2.12	2.21	2.63	2.61	3.02	2.60	2.18	1.93	---	1.87	1.80	1.92
8	2.04	2.22	2.61	2.52	2.65	2.54	2.15	1.93	2.31	1.90	1.79	1.92
9	2.00	2.26	2.62	2.50	2.47	2.49	2.03	1.92	3.13	1.91	1.86	1.91
10	2.00	2.30	2.63	2.52	2.40	2.42	2.22	1.92	2.17	1.99	1.85	1.90
11	1.99	2.31	2.64	2.52	2.35	2.38	2.58	1.92	1.98	1.95	1.86	1.88
12	2.00	2.34	2.63	2.56	2.32	2.47	2.41	1.92	1.93	2.02	1.84	1.92
13	2.02	2.36	2.60	3.02	2.30	2.66	2.44	1.91	1.90	2.54	1.85	1.98
14	2.44	2.38	2.57	2.73	2.27	2.46	2.42	1.95	2.01	2.04	2.05	2.29
15	2.31	2.43	2.53	2.77	2.29	2.39	2.29	1.92	2.24	1.93	1.97	3.30
16	2.11	2.42	2.51	2.58	2.26	2.35	2.69	1.89	2.03	1.84	1.92	2.62
17	2.10	2.42	2.54	2.51	2.23	2.31	2.23	1.93	1.96	1.85	2.06	2.09
18	2.05	2.44	2.55	2.49	2.20	2.28	2.07	2.13	1.96	1.88	2.30	2.00
19	2.04	2.45	2.52	2.50	2.20	2.26	2.07	2.78	1.94	1.86	2.02	1.99
20	2.08	2.44	2.52	2.59	2.43	2.24	2.04	2.11	1.93	1.86	1.95	2.00
21	2.07	2.45	2.51	2.52	2.67	3.30	1.99	1.94	1.91	1.88	1.86	1.98
22	2.06	2.46	2.49	2.70	2.42	2.66	1.96	1.88	1.94	1.92	1.84	1.90
23	2.06	2.61	2.51	2.63	2.35	2.46	1.97	1.88	2.23	1.93	1.90	1.87
24	2.08	2.69	2.57	2.52	2.28	2.41	1.98	1.99	2.12	2.16	1.91	2.03
25	2.11	2.49	2.54	2.65	2.24	2.36	1.95	1.97	2.04	2.35	1.91	2.40
26	2.10	2.44	2.52	2.58	2.23	2.40	1.93	1.93	2.62	2.02	1.91	2.50
27	2.10	2.39	2.51	2.45	2.18	2.46	1.90	1.90	2.54	1.91	1.94	2.51
28	2.10	2.41	2.52	2.48	2.15	2.31	1.90	1.89	2.12	1.93	1.94	2.20
29	2.06	2.42	2.53	2.43	---	2.25	1.89	1.90	2.03	1.97	1.95	2.07
30	2.09	2.50	2.51	2.38	---	2.21	1.90	1.91	1.99	1.97	2.13	2.02
31	2.12	---	2.50	2.38	---	2.23	---	---	---	1.88	2.01	---
MEAN	2.08	2.37	2.56	2.58	2.35	2.59	2.19	---	---	1.96	1.93	2.09
MAX	2.44	2.69	2.64	3.02	3.02	4.84	2.69	---	---	2.54	2.30	3.30
MIN	1.99	2.13	2.49	2.38	2.15	2.15	1.89	---	---	1.84	1.79	1.87

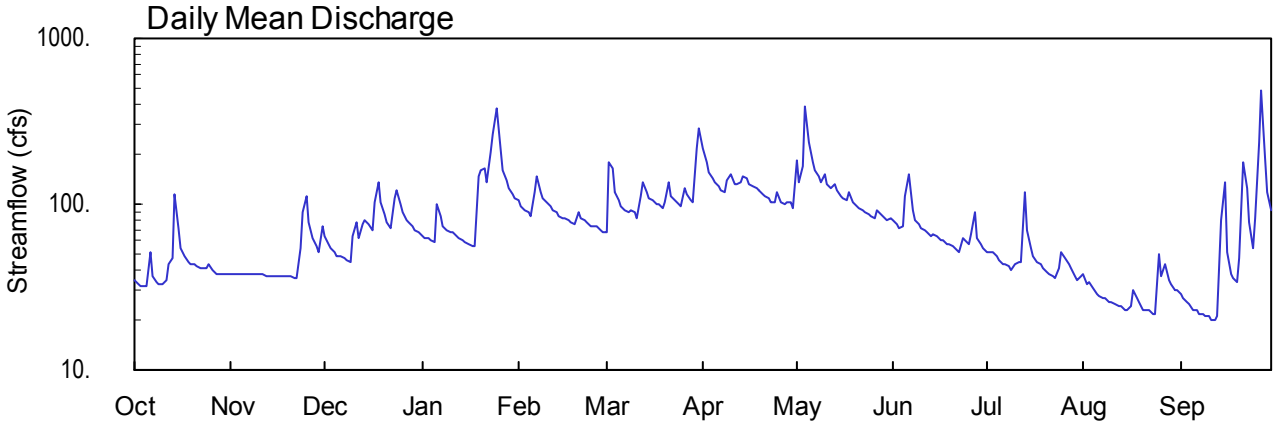
APALACHICOLA RIVER BASIN

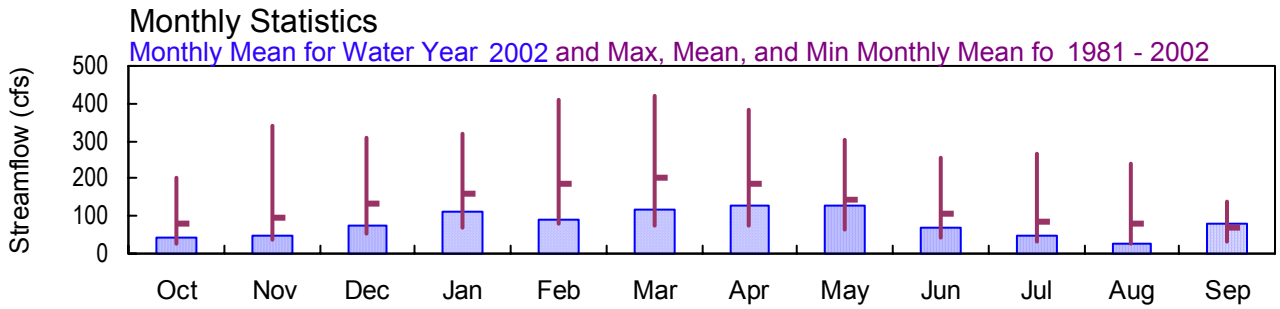
2002 Water Year

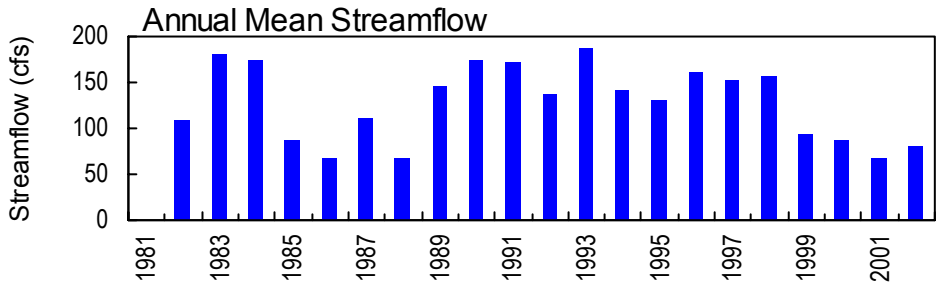
02330450 CHATTAHOOCHEE RIVER AT HELEN, GA

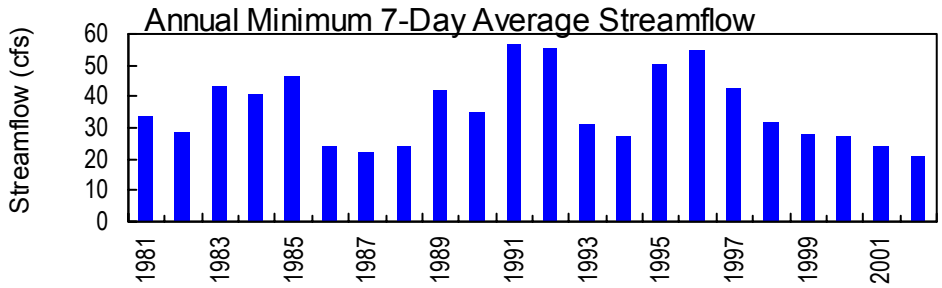
Latitude: 34°42'03" Longitude: 83°43'44" Hydrologic Unit Code: 03130001 White County

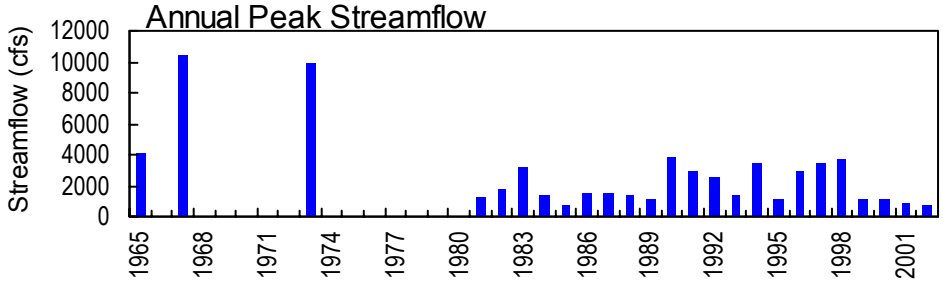
Drainage Area: 44.7 mi^2 Datum: 1,404.04 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02330450 CHATTAHOOCHEE RIVER AT HELEN, GA

LOCATION.—Lat 34°42'03", long 83°43'44" referenced to North American Datum (NAD) of 1983, White County, Hydrologic Unit 03130001, on downstream side of bridge on GA 17 and 75 at Helen, and 1.1 miles downstream from Smith Creek.

DRAINAGE AREA.—44.7 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1981 to current year. Miscellaneous low-flow measurements, water years 1953, 1955.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 1,404.04 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Some regulation occurs at low-flow on Smith Creek by Unicoi Lake at Unicoi State Park.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of August 23, 1967, reached a discharge of 11,000 ft^3/s from contracted-opening computation at highway bridge 2 miles downstream at a drainage area of 48.2 mi^2.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,200 ft^3/s, and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Sep. 27	0845	838*	2.68*

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1981 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 1,404.04 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 2.68 feet, September 27; minimum gage-height recorded, 0.15 feet, September 12, 13.

STATION NUMBER 02330450 CHATTAHOOCHEE RIVER AT HELEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 311
LATITUDE 344203 LONGITUDE 0834344 NAD83 DRAINAGE AREA 44.70* CONTRIBUTING DRAINAGE AREA 44.70 DATUM 1404.04 NGVD29
Date Processed: 2003-03-11 09:56 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	38	65	64	106	67	219	182	81	52	38	29
2	33	38	58	63	96	177	179	136	75	52	33	27
3	32	38	54	63	92	165	158	169	71	51	34	26
4	32	38	51	60	90	118	144	391	74	49	31	25
5	32	38	49	59	84	105	134	239	112	46	29	23
6	52	38	49	100	119	98	127	181	152	44	28	23
7	37	38	47	84	147	93	121	159	91	43	27	22
8	34	38	46	74	117	89	119	146	80	42	27	22
9	33	38	45	69	108	93	141	136	75	40	26	21
10	33	38	64	68	103	89	150	150	71	43	26	21
11	35	38	77	67	97	82	133	131	69	45	25	20
12	44	37	62	64	93	111	131	126	67	45	24	20
13	47	37	76	62	90	137	137	131	65	119	24	21
14	116	37	79	60	85	118	146	120	66	70	23	79
15	72	37	75	59	83	108	142	113	64	54	23	136
16	55	37	69	57	83	106	133	109	61	48	24	52
17	48	37	102	56	80	101	128	107	60	45	30	38
18	45	37	135	56	77	99	124	118	58	43	27	36
19	44	37	103	148	75	94	120	102	57	41	26	34
20	43	37	87	161	90	104	116	99	56	39	23	47
21	42	36	78	163	83	134	112	95	54	38	23	177
22	41	36	72	136	79	113	109	91	52	37	23	125
23	41	55	108	208	77	106	104	90	62	36	22	78
24	41	90	123	267	74	101	102	88	61	41	22	55
25	44	112	99	376	73	98	118	85	58	52	50	82
26	40	77	89	211	73	125	102	83	66	47	37	234
27	38	63	81	162	70	114	101	92	90	43	43	490
28	38	56	78	139	68	106	102	87	62	41	35	190
29	38	51	74	125	---	102	102	82	58	37	33	119
30	38	73	69	114	---	215	95	80	54	35	30	92
31	38	---	67	108	---	289	---	83	---	37	30	---
TOTAL	1341	1400	2331	3503	2512	3657	3849	4001	2122	1455	896	2364
MEAN	43.3	46.7	75.2	113	89.7	118	128	129	70.7	46.9	28.9	78.8
MAX	116	112	135	376	147	289	219	391	152	119	50	490
MIN	32	36	45	56	68	67	95	80	52	35	22	20
CFSM	0.97	1.04	1.68	2.53	2.01	2.64	2.87	2.89	1.58	1.05	0.65	1.76
IN.	1.12	1.17	1.94	2.92	2.09	3.04	3.20	3.33	1.77	1.21	0.75	1.97

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2002, BY WATER YEAR (WY)

MEAN	79.9	97.9	133	162	186	202	188	142	107	86.8	77.8	69.5
MAX	200	340	311	318	408	418	382	305	255	268	242	137
(WY)	1990	1993	1983	1993	1990	1990	1983	1984	1989	1989	1994	1992
MIN	25.3	39.5	52.3	71.8	78.6	72.3	73.8	63.0	44.4	30.9	28.9	34.5
(WY)	2001	1988	1988	1985	1986	1988	1986	1986	1986	1986	2002	1986

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1981 - 2002	
ANNUAL TOTAL	25276		29431			
ANNUAL MEAN	69.2		80.6		128	
HIGHEST ANNUAL MEAN					186	1993
LOWEST ANNUAL MEAN					66.4	1988
HIGHEST DAILY MEAN	431	Jan 19	490	Sep 27	2000	Mar 17 1990
LOWEST DAILY MEAN	28	Sep 17	20	Sep 11	20	Oct 6 1986
ANNUAL SEVEN-DAY MINIMUM	30	Sep 12	21	Sep 7	21	Sep 7 2002
MAXIMUM PEAK FLOW			838	Sep 27	3850	Mar 17 1990
MAXIMUM PEAK STAGE			2.68	Sep 27	5.94	Mar 17 1990
INSTANTANEOUS LOW FLOW			20	Sep 10	19	Oct 6 1986
ANNUAL RUNOFF (CFSM)	1.55		1.80		2.85	
ANNUAL RUNOFF (INCHES)	21.04		24.49		38.77	
10 PERCENT EXCEEDS	115		137		241	
50 PERCENT EXCEEDS	60		69		98	
90 PERCENT EXCEEDS	36		32		40	

STATION NUMBER 02330450 CHATTAHOOCHEE RIVER AT HELEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 311
LATITUDE 344203 LONGITUDE 0834344 NAD83 DRAINAGE AREA 44.70 CONTRIBUTING DRAINAGE AREA 44.70* DATUM 1404.04 NGVD29
Date Processed: 2003-03-11 09:55 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.28	0.31	0.52	0.52	0.82	0.59	1.30	1.14	0.68	0.48	0.36	0.27
2	0.26	0.31	0.48	0.51	0.76	1.06	1.15	0.97	0.64	0.47	0.31	0.24
3	0.25	0.31	0.44	0.51	0.75	1.09	1.07	1.11	0.62	0.47	0.32	0.23
4	0.24	0.31	0.42	0.49	0.73	0.88	1.00	1.74	0.63	0.45	0.29	0.22
5	0.25	0.31	0.40	0.48	0.69	0.81	0.96	1.36	0.84	0.43	0.27	0.20
6	0.42	0.31	0.40	0.72	0.87	0.78	0.92	1.16	1.02	0.41	0.26	0.19
7	0.30	0.31	0.39	0.65	1.02	0.75	0.90	1.07	0.74	0.40	0.25	0.18
8	0.27	0.31	0.38	0.58	0.88	0.73	0.89	1.01	0.67	0.39	0.24	0.18
9	0.26	0.31	0.37	0.55	0.83	0.75	0.99	0.97	0.64	0.38	0.23	0.17
10	0.26	0.31	0.50	0.54	0.81	0.72	1.03	1.03	0.62	0.40	0.23	0.17
11	0.28	0.31	0.60	0.54	0.77	0.69	0.95	0.94	0.60	0.42	0.22	0.16
12	0.36	0.30	0.50	0.51	0.75	0.84	0.95	0.92	0.58	0.42	0.21	0.15
13	0.38	0.30	0.59	0.50	0.73	0.97	0.97	0.95	0.58	0.80	0.20	0.16
14	0.79	0.30	0.61	0.49	0.70	0.88	1.01	0.89	0.58	0.61	0.20	0.62
15	0.57	0.30	0.59	0.48	0.69	0.83	1.00	0.85	0.57	0.49	0.20	0.96
16	0.45	0.30	0.55	0.47	0.69	0.82	0.96	0.83	0.55	0.45	0.21	0.48
17	0.40	0.30	0.71	0.46	0.68	0.80	0.93	0.83	0.54	0.42	0.27	0.35
18	0.37	0.30	0.91	0.46	0.65	0.78	0.91	0.88	0.52	0.40	0.24	0.34
19	0.36	0.30	0.75	0.90	0.64	0.76	0.89	0.80	0.51	0.38	0.23	0.32
20	0.35	0.30	0.66	1.02	0.73	0.81	0.87	0.78	0.50	0.37	0.20	0.42
21	0.34	0.29	0.61	1.03	0.69	0.96	0.85	0.76	0.49	0.36	0.19	1.10
22	0.33	0.29	0.57	0.92	0.66	0.85	0.83	0.74	0.48	0.35	0.19	0.92
23	0.33	0.41	0.76	1.21	0.65	0.82	0.81	0.73	0.55	0.34	0.18	0.66
24	0.33	0.67	0.85	1.38	0.64	0.79	0.80	0.72	0.54	0.38	0.18	0.50
25	0.36	0.80	0.73	1.73	0.63	0.78	0.88	0.70	0.52	0.46	0.43	0.65
26	0.32	0.60	0.68	1.27	0.63	0.91	0.80	0.69	0.57	0.43	0.34	1.34
27	0.31	0.51	0.63	1.08	0.61	0.86	0.80	0.74	0.71	0.40	0.40	1.96
28	0.31	0.46	0.61	0.98	0.59	0.82	0.80	0.72	0.55	0.39	0.33	1.14
29	0.31	0.42	0.58	0.92	---	0.80	0.80	0.68	0.52	0.35	0.31	0.83
30	0.31	0.57	0.55	0.86	---	1.26	0.76	0.67	0.50	0.33	0.28	0.69
31	0.31	---	0.54	0.83	---	1.52	---	0.69	---	0.35	0.28	---
MEAN	0.34	0.37	0.58	0.76	0.72	0.86	0.93	0.91	0.60	0.43	0.26	0.53
MAX	0.79	0.80	0.91	1.73	1.02	1.52	1.30	1.74	1.02	0.80	0.43	1.96
MIN	0.24	0.29	0.37	0.46	0.59	0.59	0.76	0.67	0.48	0.33	0.18	0.15

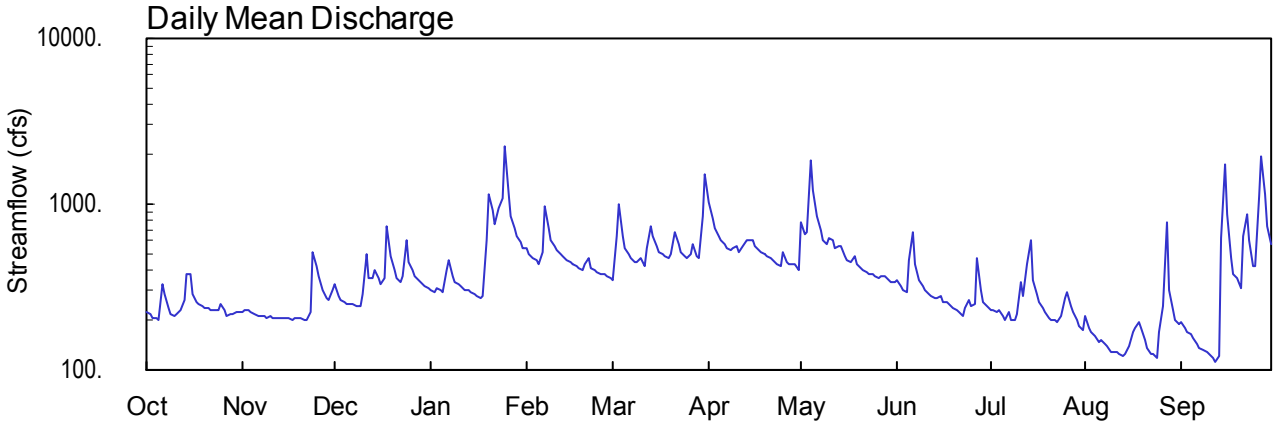
APALACHICOLA RIVER BASIN

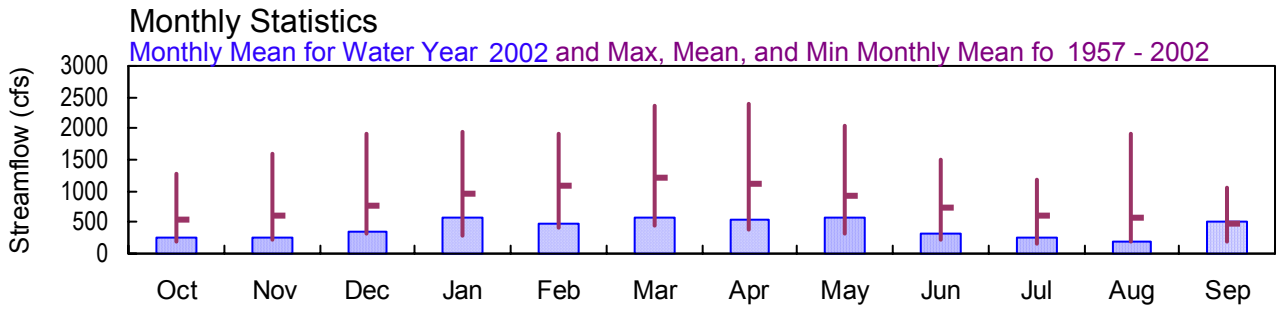
2002 Water Year

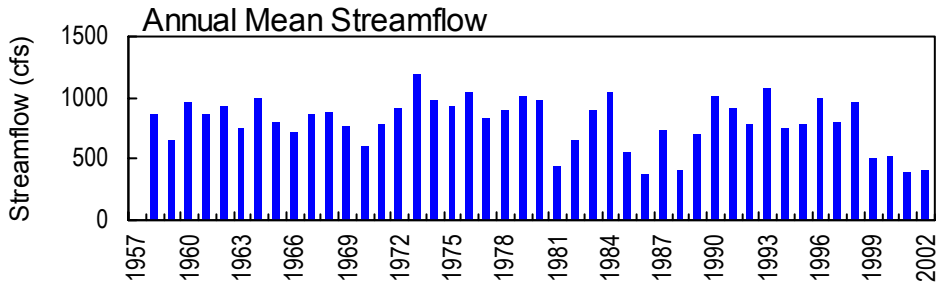
02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA

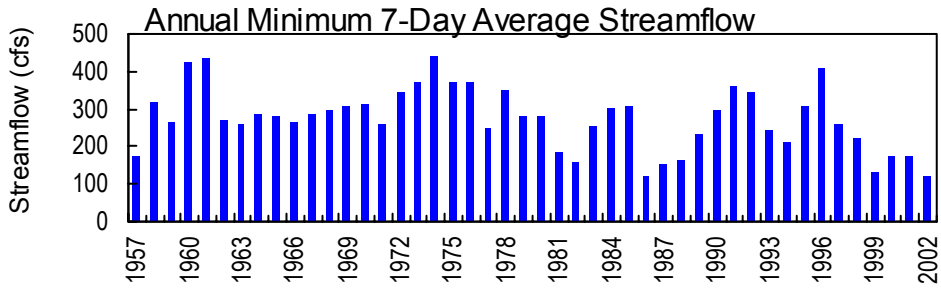
Latitude: 34°32'27" Longitude: 83°37'14" Hydrologic Unit Code: 03130001 Habersham County

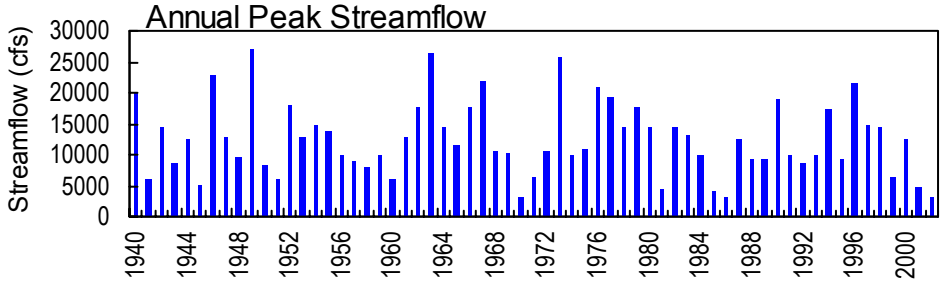
Drainage Area: 315. mi^2 Datum: 1,128.53 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA

LOCATION.—Lat 34°32'27", long 83°37'14" referenced to North American Datum (NAD) of 1983, Habersham-White County line, Hydrologic Unit 03130001, on downstream side of bridge on Duncan Bridge Road (GA 384), 1.0 mile downstream from Soque River, 6.0 miles northwest of Cornelia, and at mile 401.4.

DRAINAGE AREA.—315 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 1957 to current year.

REVISED RECORDS.—WSP 2106: 1963(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 1,128.53 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to June 28, 1977 and after June 16, 1992 to October 25, 1994, located at a site 1,000 feet upstream at same datum.

REMARKS.—Records good. Some regulation at low flow occurs from Habersham Mill power plant.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 6,200 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 25	0415	3,120*	3.81*

02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1957 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 1,128.53 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to June 28, 1977 and after June 16, 1992 to October 25, 1994, located at a site 1,000 feet upstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 3.81 feet, January 25; minimum gage-height recorded, -0.27 feet, September 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 16, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 137
LATITUDE 343227 LONGITUDE 0833714 NAD83 DRAINAGE AREA 315.00* CONTRIBUTING DRAINAGE AREA DATUM 1128.53 NGVD29
Date Processed: 2003-03-11 10:06 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	224	222	326	302	536	351	1030	786	349	232	209	193
2	216	229	283	297	499	635	813	665	317	229	180	180
3	208	229	265	312	473	1000	707	670	302	225	170	170
4	204	225	257	302	460	649	642	1820	293	233	159	163
5	200	220	251	291	434	540	e600	1230	466	211	149	157
6	326	214	248	401	507	498	e580	837	683	202	151	143
7	286	211	248	463	970	472	e540	697	436	225	e145	136
8	234	209	244	367	722	453	e530	615	353	201	e138	132
9	218	208	240	340	615	448	e540	567	324	201	e130	128
10	214	209	284	327	562	470	e560	625	304	217	e130	126
11	218	207	504	320	527	419	e520	614	290	343	e130	119
12	233	206	359	307	498	538	e560	541	279	276	e125	111
13	262	204	355	301	481	740	608	563	271	434	e120	122
14	377	204	398	292	458	639	603	563	269	613	e125	632
15	384	207	362	289	445	553	599	483	279	353	e140	1720
16	284	205	329	281	440	517	555	459	259	285	169	859
17	255	202	356	275	424	505	528	448	255	255	181	467
18	247	205	733	277	408	482	510	481	248	235	193	382
19	242	206	486	611	401	470	503	431	238	221	177	354
20	236	206	402	1150	438	499	488	411	233	208	151	309
21	235	200	360	911	470	675	475	398	224	200	135	641
22	232	200	338	766	417	570	458	391	212	200	124	860
23	232	221	365	943	399	509	433	383	239	193	124	611
24	227	520	614	1090	387	486	426	377	267	212	118	427
25	250	423	453	2260	380	470	507	368	244	272	170	428
26	233	369	397	1140	382	498	449	358	248	298	246	1130
27	214	302	368	855	370	572	440	367	478	246	776	1940
28	216	275	352	720	354	487	441	373	303	225	300	1160
29	219	263	337	648	---	468	434	347	258	201	233	742
30	221	302	321	588	---	853	402	337	244	186	198	580
31	223	---	310	549	---	1520	---	338	---	172	190	---
TOTAL	7570	7303	11145	17975	13457	17986	16481	17543	9165	7804	5686	15122
MEAN	244	243	360	580	481	580	549	566	306	252	183	504
MAX	384	520	733	2260	970	1520	1030	1820	683	613	776	1940
MIN	200	200	240	275	354	351	402	337	212	172	118	111
CFSM	0.78	0.77	1.14	1.84	1.53	1.84	1.74	1.80	0.97	0.80	0.58	1.60
IN.	0.89	0.86	1.32	2.12	1.59	2.12	1.95	2.07	1.08	0.92	0.67	1.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2002, BY WATER YEAR (WY)

MEAN	537	599	770	961	1076	1221	1129	916	722	593	578	482
MAX	1287	1602	1909	1938	1917	2376	2385	2043	1487	1165	1926	1058
(WY)	1990	1993	1962	1993	1998	1980	1964	1973	1973	1989	1967	1967
MIN	184	239	310	293	426	449	368	324	227	166	179	184
(WY)	2001	2002	1966	1981	1986	1988	1986	1986	1986	1986	1986	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1957 - 2002	
ANNUAL TOTAL	140301		147160			
ANNUAL MEAN	384		403		798	
HIGHEST ANNUAL MEAN					1198	1973
LOWEST ANNUAL MEAN					370	1986
HIGHEST DAILY MEAN	2620	Jan 19	2270	Jan 25	15800	Aug 23 1967
LOWEST DAILY MEAN	164	Sep 18	111	Sep 12	91	Sep 7 1957
ANNUAL SEVEN-DAY MINIMUM	177	Sep 13	125	Sep 7	124	Jul 16 1986
MAXIMUM PEAK FLOW			3120	Jan 25	26400	Mar 12 1963
MAXIMUM PEAK STAGE			3.81	Jan 25	20.55	Mar 12 1963
ANNUAL RUNOFF (CFSM)	1.22		1.28		2.53	
ANNUAL RUNOFF (INCHES)	16.57		17.38		34.40	
10 PERCENT EXCEEDS	625		664		1340	
50 PERCENT EXCEEDS	323		338		641	
90 PERCENT EXCEEDS	202		184		303	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 137
LATITUDE 343227 LONGITUDE 0833714 NAD83 DRAINAGE AREA 315.00* CONTRIBUTING DRAINAGE AREA DATUM 1128.53 NGVD29
Date Processed: 2003-03-11 09:57 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.35	0.34	0.65	0.60	1.07	0.71	1.73	1.40	0.77	0.46	0.32	0.25
2	0.32	0.37	0.55	0.59	1.00	1.14	1.46	1.26	0.70	0.45	0.19	0.19
3	0.29	0.37	0.50	0.62	0.95	1.69	1.33	1.27	0.67	0.43	0.14	0.14
4	0.28	0.35	0.46	0.60	0.93	1.24	1.22	2.50	0.65	0.46	0.09	0.11
5	0.26	0.34	0.44	0.57	0.88	1.07	---	1.96	0.99	0.38	0.03	0.07
6	0.64	0.32	0.43	0.80	1.00	1.00	---	1.51	1.32	0.35	0.04	0.00
7	0.55	0.31	0.43	0.93	1.66	0.95	---	1.34	0.94	0.43	---	-0.04
8	0.38	0.30	0.42	0.75	1.34	0.92	---	1.23	0.78	0.34	---	-0.07
9	0.33	0.29	0.40	0.69	1.19	0.91	---	1.17	0.72	0.34	---	-0.10
10	0.32	0.30	0.53	0.66	1.11	0.95	---	1.25	0.67	0.37	---	-0.11
11	0.33	0.29	1.01	0.64	1.05	0.85	---	1.23	0.64	0.76	---	-0.17
12	0.38	0.29	0.73	0.61	1.00	1.05	---	1.12	0.61	0.60	---	-0.23
13	0.48	0.28	0.72	0.60	0.97	1.37	1.18	1.16	0.59	0.83	---	-0.14
14	0.74	0.28	0.81	0.57	0.93	1.22	1.17	1.16	0.58	1.16	---	1.00
15	0.78	0.29	0.74	0.56	0.90	1.09	1.16	1.03	0.61	0.72	---	2.47
16	0.55	0.28	0.66	0.54	0.89	1.04	1.10	0.99	0.55	0.57	0.13	1.49
17	0.46	0.27	0.71	0.53	0.86	1.01	1.05	0.97	0.53	0.47	0.20	0.94
18	0.43	0.28	1.35	0.54	0.83	0.97	1.02	1.03	0.51	0.41	0.25	0.78
19	0.41	0.28	0.98	1.05	0.82	0.95	1.01	0.94	0.48	0.36	0.18	0.72
20	0.39	0.28	0.82	1.86	0.89	1.00	0.98	0.90	0.46	0.31	0.04	0.62
21	0.39	0.26	0.73	1.58	0.95	1.28	0.96	0.87	0.43	0.28	-0.06	1.18
22	0.38	0.26	0.68	1.40	0.85	1.12	0.93	0.86	0.39	0.28	-0.13	1.51
23	0.38	0.33	0.74	1.61	0.82	1.02	0.88	0.85	0.48	0.25	-0.13	1.17
24	0.36	1.02	1.18	1.79	0.79	0.98	0.87	0.83	0.57	0.33	-0.18	0.87
25	0.44	0.86	0.92	2.99	0.78	0.95	1.01	0.82	0.50	0.50	0.06	0.86
26	0.38	0.75	0.81	1.86	0.78	0.99	0.91	0.80	0.51	0.59	0.44	1.84
27	0.32	0.60	0.75	1.52	0.76	1.12	0.89	0.81	0.98	0.44	1.37	2.69
28	0.32	0.53	0.71	1.34	0.72	0.98	0.90	0.83	0.67	0.37	0.59	1.87
29	0.33	0.49	0.68	1.23	---	0.94	0.88	0.77	0.54	0.29	0.40	1.35
30	0.34	0.59	0.64	1.15	---	1.48	0.82	0.75	0.50	0.22	0.27	1.12
31	0.35	---	0.62	1.09	---	2.27	---	0.75	---	0.15	0.24	---
MEAN	0.41	0.39	0.70	1.03	0.95	1.11	---	1.11	0.64	0.45	---	0.75

STATION NUMBER 02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 137
LATITUDE 343227 LONGITUDE 0833714 NAD83 DRAINAGE AREA 315.00* CONTRIBUTING DRAINAGE AREA DATUM 1128.53 NGVD29
Date Processed: 2003-03-11 09:57 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.00	0.07	0.00	0.00	1.39	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.47	0.00	0.04	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.04	0.16	0.00	0.33	0.01	0.00	0.00	0.00
4	0.00	0.00	0.00	0.26	0.00	0.00	0.00	1.50	0.59	0.00	0.00	0.00
5	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00
6	0.98	0.00	0.00	0.60	1.23	0.00	0.00	0.00	0.60	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.01	0.00	0.00	0.00	0.00	0.14	0.19	0.26	0.00	0.00	0.00	0.00
10	0.00	0.00	1.09	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
11	0.05	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00
12	0.04	0.00	0.01	0.01	0.00	1.02	0.28	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.34	0.00	0.00	0.18	0.07	0.18	0.00	0.00	0.02	0.41
14	0.70	0.00	0.06	0.00	0.00	0.00	0.07	0.00	0.03	0.00	0.00	4.82
15	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	1.30	1.50
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
17	0.00	0.00	1.08	0.00	0.00	0.15	0.00	0.02	0.00	0.00	0.52	0.02
18	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.20	0.00	0.00	0.27	0.54
19	0.00	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.36	0.46	0.00	0.00	0.00	0.00	0.00	0.12
21	0.00	0.00	0.00	0.61	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.81
22	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
23	0.00	1.32	0.68	0.60	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
24	0.10	0.22	0.00	1.33	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01
25	0.07	0.02	0.00	0.08	0.00	0.00	0.47	0.00	0.01	0.00	0.65	1.04
26	0.00	0.00	0.00	0.01	0.04	0.62	0.05	0.00	0.00	0.00	1.77	0.91
27	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.23	0.01	0.00	0.16	0.46
28	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.01	0.00	0.00	0.00
30	0.00	0.25	0.00	0.00	---	2.33	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.02	---	0.22	---	0.12	---	0.00	0.01	---
TOTAL	1.97	1.81	3.27	5.89	1.92	7.09	1.19	4.47	1.74	0.01	4.71	10.72

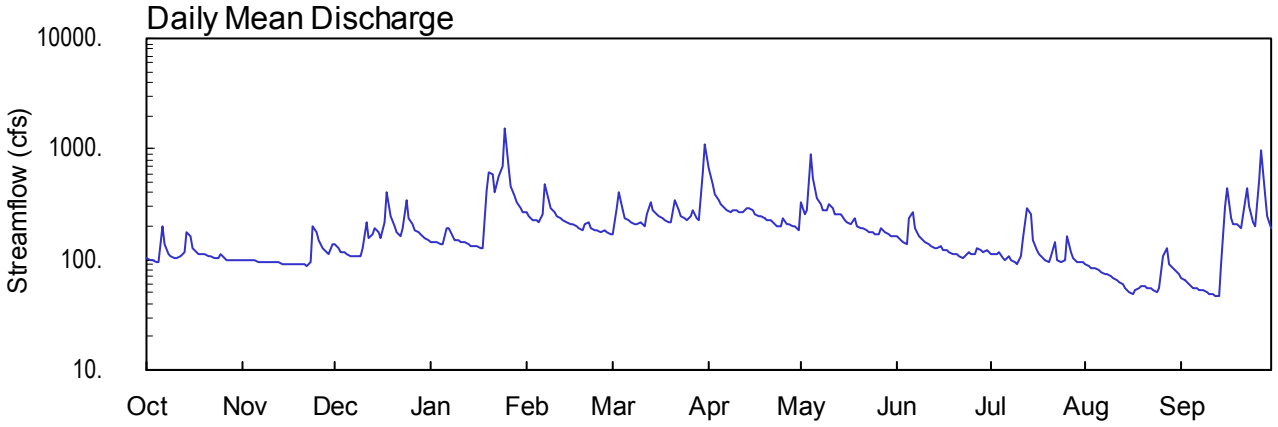
APALACHICOLA RIVER BASIN

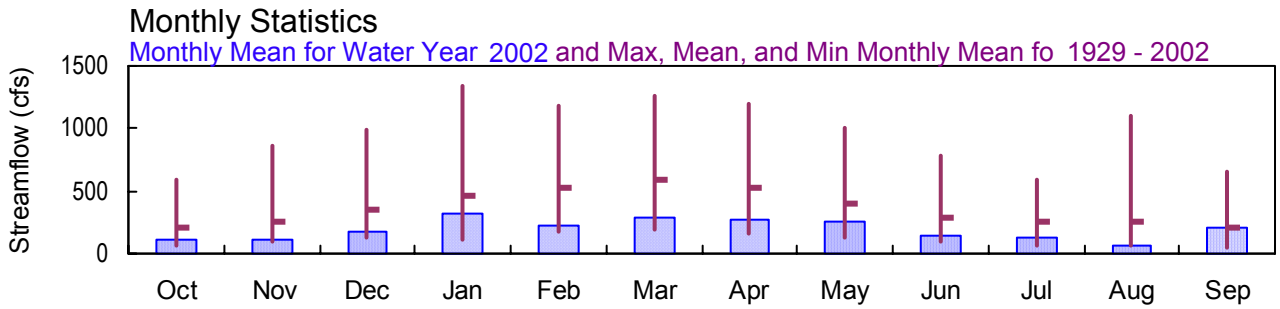
2002 Water Year

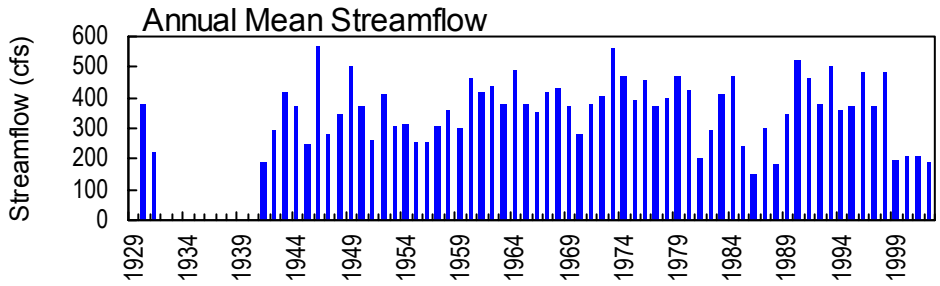
02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA

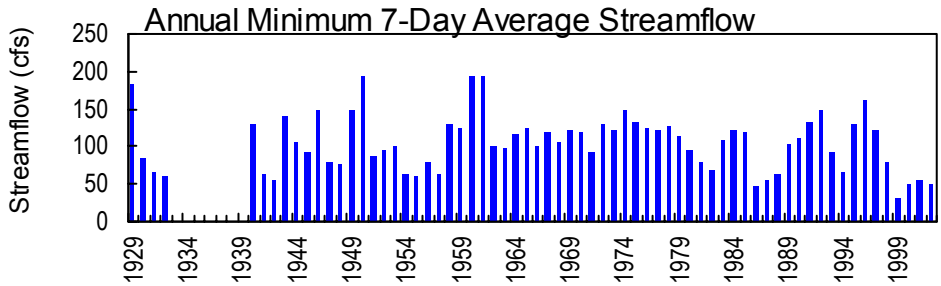
Latitude: 34°31'41" Longitude: 83°56'23" Hydrologic Unit Code: 03130001 Lumpkin County

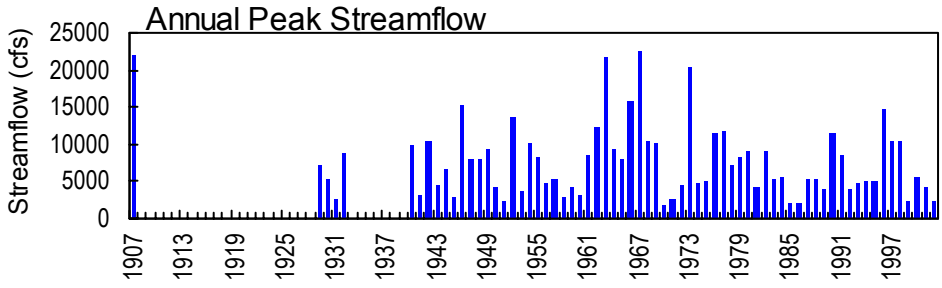
Drainage Area: 153. mi^2 Datum: 1,128.60 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA

LOCATION.—Lat 34°31'41", long 83°56'23" referenced to North American Datum (NAD) of 1983, Lumpkin County, Hydrologic Unit 03130001, on left bank 250.00 feet upstream from Bearden Bridge on GA 52, 2.0 miles downstream from Ballplay Creek, 2.5 miles east of Dahlonega, and 3.5 miles upstream from Yahoola Creek.

DRAINAGE AREA.—153 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 1929 to January 1932, April 1940 to current year. Monthly discharge only for July 1929, published in WSP 1304.

REVISED RECORDS.—WRD GA-95-1:1994.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 1,128.60 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records good.

PEAKS DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,600 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Jan. 25	0415	2,310*	5.69*

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1929 to January 1932, April 1940 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 1,128.60 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.69 feet, January 25; minimum gage-height recorded, 0.27 feet, August 15, 16, September 12-14.

02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 17, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA SOURCE AGENCY USGS STATE 13 COUNTY 187
LATITUDE 343141 LONGITUDE 0835623 NAD83 DRAINAGE AREA 153.00* CONTRIBUTING DRAINAGE AREA DATUM 1128.60 NGVD29
Date Processed: 2003-03-11 10:07 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103	100	139	144	264	169	656	334	160	111	91	69
2	100	100	124	141	244	287	470	255	150	e113	87	65
3	97	100	118	146	231	403	396	284	143	e111	85	62
4	95	99	115	139	224	278	346	893	139	e118	82	58
5	93	98	110	137	213	241	316	536	237	e103	80	56
6	204	96	109	188	258	226	295	365	263	e99	78	55
7	138	95	109	194	479	216	275	311	190	e108	e75	53
8	114	95	108	162	338	207	267	276	164	e97	e73	52
9	105	94	106	151	289	209	277	280	152	94	e70	50
10	101	94	129	148	268	219	284	321	144	92	e67	48
11	102	94	219	146	250	196	265	293	137	107	e65	48
12	106	94	156	141	238	254	264	254	133	159	e62	47
13	116	93	167	137	230	327	296	260	129	294	e59	47
14	174	92	191	134	217	281	288	254	129	261	e55	e90
15	162	92	176	132	210	252	278	225	133	148	e51	e300
16	128	91	157	130	205	242	260	216	123	121	49	e450
17	117	91	220	128	197	235	247	210	121	111	53	e240
18	114	91	e400	128	191	225	242	232	118	104	55	e210
19	112	91	242	432	186	215	238	204	114	99	57	e210
20	111	89	199	621	207	220	229	193	112	95	57	e190
21	108	89	174	588	216	349	223	188	109	107	56	e260
22	106	88	163	409	192	281	215	184	102	145	54	e450
23	104	96	194	566	186	251	204	179	107	99	52	e300
24	103	197	337	707	181	239	200	176	118	96	51	e220
25	113	173	236	1560	178	230	240	172	113	98	56	200
26	104	150	205	679	181	250	212	169	110	160	107	517
27	98	127	185	463	173	280	208	194	128	117	127	e960
28	99	117	174	379	170	241	204	176	119	102	92	391
29	100	113	167	328	---	231	198	167	116	96	84	244
30	100	136	157	296	---	608	185	162	120	95	79	195
31	100	---	151	273	---	1080	---	160	---	93	74	---
TOTAL	3527	3175	5437	9927	6416	8942	8278	8123	4133	3753	2183	6137
MEAN	114	106	175	320	229	288	276	262	138	121	70.4	205
MAX	204	197	400	1560	479	1080	656	893	263	294	127	960
MIN	93	88	106	128	170	169	185	160	102	92	49	47
CFSM	0.74	0.69	1.15	2.09	1.50	1.89	1.80	1.71	0.90	0.79	0.46	1.34
IN.	0.86	0.77	1.32	2.41	1.56	2.17	2.01	1.98	1.00	0.91	0.53	1.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2002, BY WATER YEAR (WY)

MEAN	208	255	359	469	526	596	523	398	294	256	250	202
MAX	594	855	996	1334	1183	1255	1200	1004	781	589	1097	650
(WY)	1990	1930	1962	1946	1946	1980	1979	1973	1973	1967	1967	1929
MIN	64.7	103	127	119	177	197	158	132	94.0	63.4	63.5	49.5
(WY)	2001	2002	1956	1981	1941	1988	1986	1941	1988	1986	1986	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1929 - 2002	
ANNUAL TOTAL	75158		70379			
ANNUAL MEAN	206		193		360	
HIGHEST ANNUAL MEAN					565	1946
LOWEST ANNUAL MEAN					152	1986
HIGHEST DAILY MEAN	2220	Jan 19	1560	Jan 25	11400	Aug 23 1967
LOWEST DAILY MEAN	85	Nov 22	48	Sep 12	31	Sep 25 1999
ANNUAL SEVEN-DAY MINIMUM	87	Nov 16	51	Sep 7	32	Sep 21 1999
MAXIMUM PEAK FLOW			2310	Jan 25	22700	Aug 23 1967
MAXIMUM PEAK STAGE			5.69	Jan 25	25.17	Aug 23 1967
INSTANTANEOUS LOW FLOW			47	Sep 12	31	Sep 25 1999
ANNUAL RUNOFF (CFSM)	1.35		1.26		2.35	
ANNUAL RUNOFF (INCHES)	18.27		17.11		31.95	
10 PERCENT EXCEEDS	338		308		640	
50 PERCENT EXCEEDS	165		158		270	
90 PERCENT EXCEEDS	97		86		120	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA SOURCE AGENCY USGS STATE 13 COUNTY 187
LATITUDE 343141 LONGITUDE 0835623 NAD83 DRAINAGE AREA 153.00* CONTRIBUTING DRAINAGE AREA DATUM 1128.60 NGVD29
Date Processed: 2003-03-11 10:07 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.79	0.77	1.01	1.03	1.54	1.15	2.57	1.73	1.11	0.84	0.69	0.51
2	0.77	0.77	0.93	1.01	1.47	1.55	2.14	1.51	1.06	---	0.67	0.47
3	0.75	0.77	0.89	1.04	1.41	1.95	1.94	1.60	1.03	---	0.64	0.43
4	0.74	0.76	0.87	1.01	1.39	1.58	1.80	3.00	1.01	---	0.62	0.39
5	0.72	0.76	0.83	0.99	1.34	1.45	1.71	2.30	1.42	---	0.60	0.37
6	1.28	0.75	0.83	1.23	1.50	1.39	1.64	1.85	1.52	---	---	0.36
7	1.00	0.74	0.83	1.27	2.16	1.35	1.58	1.69	1.25	---	---	0.34
8	0.86	0.74	0.82	1.12	1.78	1.32	1.55	1.58	1.13	---	---	0.33
9	0.81	0.73	0.81	1.07	1.62	1.33	1.58	1.59	1.07	0.73	---	0.31
10	0.78	0.73	0.94	1.05	1.55	1.37	1.60	1.71	1.03	0.72	---	0.28
11	0.78	0.73	1.36	1.04	1.49	1.28	1.54	1.63	0.99	0.80	---	0.28
12	0.81	0.73	1.09	1.02	1.44	1.48	1.54	1.50	0.97	1.10	---	0.27
13	0.87	0.72	1.14	1.00	1.40	1.74	1.64	1.52	0.95	1.47	---	0.27
14	1.14	0.72	1.25	0.98	1.36	1.60	1.62	1.50	0.95	1.49	---	---
15	1.12	0.72	1.19	0.97	1.33	1.50	1.58	1.39	0.97	1.04	---	---
16	0.95	0.71	1.09	0.95	1.31	1.46	1.52	1.35	0.92	0.90	0.30	---
17	0.88	0.71	1.13	0.94	1.28	1.43	1.48	1.33	0.91	0.83	0.34	---
18	0.86	0.71	---	0.94	1.25	1.39	1.46	1.42	0.88	0.79	0.36	---
19	0.85	0.71	1.45	1.80	1.24	1.35	1.44	1.31	0.86	0.75	0.39	---
20	0.84	0.70	1.29	2.46	1.32	1.37	1.40	1.26	0.84	0.73	0.39	---
21	0.82	0.70	1.18	2.39	1.35	1.80	1.38	1.24	0.83	0.79	0.37	---
22	0.81	0.69	1.12	1.98	1.26	1.59	1.35	1.22	0.79	1.02	0.35	---
23	0.80	0.74	1.24	2.35	1.23	1.49	1.31	1.21	0.82	0.76	0.33	---
24	0.79	1.27	1.76	2.66	1.21	1.44	1.29	1.19	0.89	0.73	0.32	---
25	0.85	1.17	1.43	4.33	1.20	1.41	1.44	1.17	0.85	0.75	0.36	1.25
26	0.80	1.06	1.31	2.62	1.21	1.48	1.34	1.15	0.84	1.09	0.79	2.25
27	0.76	0.94	1.23	2.12	1.18	1.59	1.32	1.26	0.94	0.87	0.92	---
28	0.76	0.88	1.18	1.89	1.15	1.45	1.31	1.19	0.89	0.77	0.70	1.91
29	0.77	0.85	1.14	1.75	---	1.41	1.28	1.14	0.87	0.73	0.64	1.46
30	0.77	0.98	1.09	1.64	---	2.38	1.23	1.12	0.90	0.73	0.60	1.26
31	0.77	---	1.06	1.57	---	3.43	---	1.11	---	0.71	0.55	---
MEAN	0.85	0.80	---	1.56	1.39	1.56	1.55	1.48	0.98	---	---	---
MAX	1.28	1.27	---	4.33	2.16	3.43	2.57	3.00	1.52	---	---	---
MIN	0.72	0.69	---	0.94	1.15	1.15	1.23	1.11	0.79	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA SOURCE AGENCY USGS STATE 13 COUNTY 187
LATITUDE 343141 LONGITUDE 0835623 NAD83 DRAINAGE AREA 153.00* CONTRIBUTING DRAINAGE AREA DATUM 1128.60 NGVD29
Date Processed: 2003-03-11 10:07 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.96	0.00	0.40	---	---
2	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.18	0.00	0.00	---	---
3	0.00	0.00	0.00	0.00	0.02	0.12	0.00	0.49	0.00	0.01	---	---
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.68	0.00	---	---
5	0.06	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.35	0.00	---	---
6	1.41	0.00	0.00	0.79	1.31	0.00	0.00	0.00	0.21	0.00	---	---
7	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	---	---
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---
9	0.00	0.00	0.00	0.00	0.00	0.31	0.10	0.35	0.00	0.00	---	---
10	0.00	0.00	1.18	0.00	0.01	0.00	0.04	0.00	0.00	0.00	---	---
11	0.02	0.00	0.00	0.01	0.00	0.00	0.13	0.00	0.00	1.69	---	---
12	0.08	0.00	0.02	0.01	0.00	0.88	0.38	0.00	0.00	0.00	---	---
13	0.00	0.00	0.43	0.00	---	0.33	0.14	0.22	0.00	1.29	---	---
14	0.54	0.00	0.07	0.00	---	0.00	0.23	0.00	0.13	0.01	---	---
15	0.01	0.00	0.00	0.00	---	0.00	0.01	0.00	0.00	0.00	---	---
16	0.00	0.00	0.00	0.00	---	0.01	0.00	0.00	0.00	0.00	---	---
17	0.00	0.00	1.09	0.00	---	0.01	0.00	0.28	0.00	0.00	---	---
18	0.00	0.00	0.00	0.03	---	0.00	0.00	0.04	0.00	0.00	---	---
19	0.00	0.00	0.00	2.55	---	0.00	0.12	0.00	0.00	0.00	---	---
20	0.00	0.00	0.00	0.00	---	0.60	0.00	0.00	0.00	0.00	---	---
21	0.00	0.00	0.00	1.04	0.01	0.39	0.00	0.00	0.00	1.17	---	---
22	0.00	0.00	0.00	0.12	0.00	0.00	0.01	0.00	0.00	0.01	---	---
23	0.00	1.15	1.13	0.77	0.00	0.00	0.00	0.00	0.07	---	---	---
24	0.17	0.25	0.00	1.55	0.00	0.00	0.02	0.00	0.00	---	---	---
25	0.04	0.12	0.00	0.02	0.00	0.00	0.30	0.00	0.02	---	---	---
26	0.00	0.00	0.00	0.00	0.12	0.47	0.05	0.28	0.00	---	---	---
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	---	---	---
28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	---	---	---
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.16	---	---	---
30	0.00	0.33	0.00	0.02	---	2.66	0.04	0.00	0.09	---	---	---
31	0.00	---	0.00	0.00	---	0.33	---	0.01	---	---	---	---
TOTAL	2.33	1.85	3.92	6.98	---	7.40	1.58	4.64	2.81	---	---	---

APALACHICOLA RIVER BASIN
2002 Water Year

02334400 LAKE SIDNEY LANIER NEAR BUFORD, GA

LOCATION.—Lat 34°04'30", long 84°04'20" referenced to North American Datum (NAD) of 1927, Forsyth County, Hydrologic Unit 03130001, at forebay of dam on Chattahoochee River, 2.5 miles upstream from bridge on GA 20, 4.5 miles northwest of Buford, and at mile 348.3.

REMARKS.—Water levels are provided by the U.S. Army Corps of Engineers, Mobile District. Please see the following Internet location for more information:

http://water.sam.usace.army.mil/

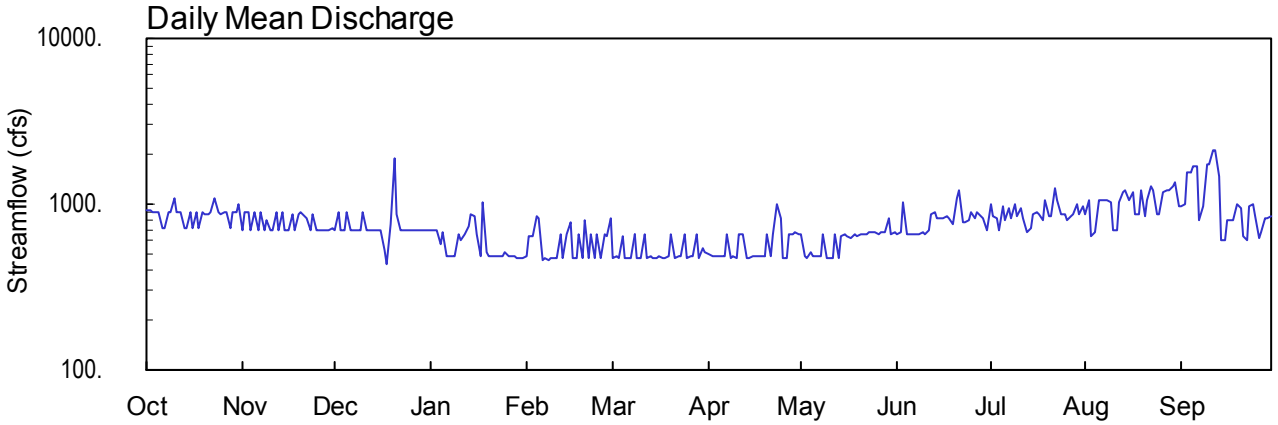
APALACHICOLA RIVER BASIN

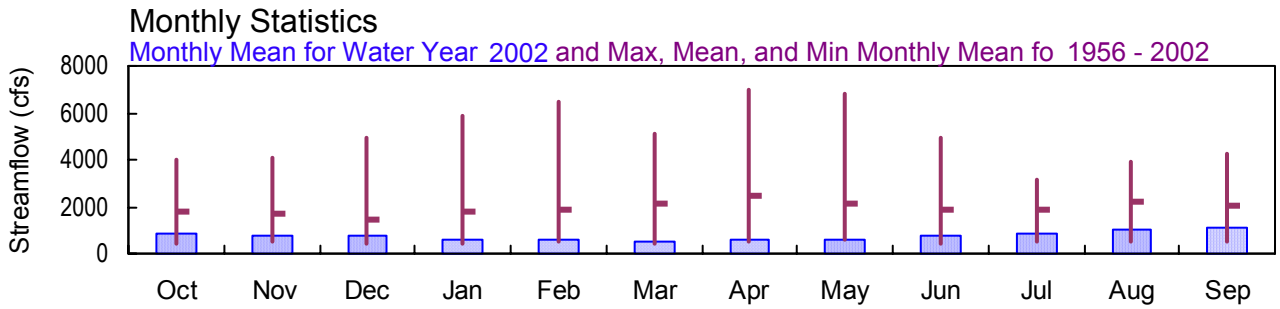
2002 Water Year

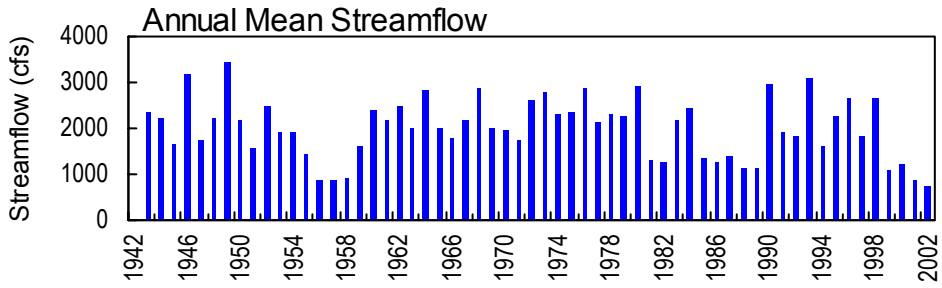
02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM, NEAR BUFORD, GA

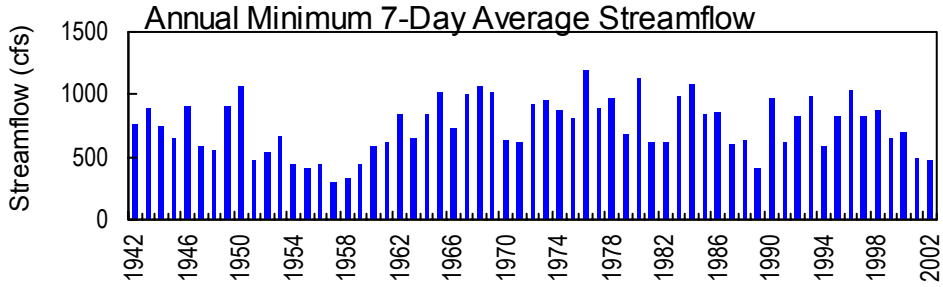
Latitude: 34°09'25" Longitude: 84°04'44" Hydrologic Unit Code: 03130001 Gwinnett County

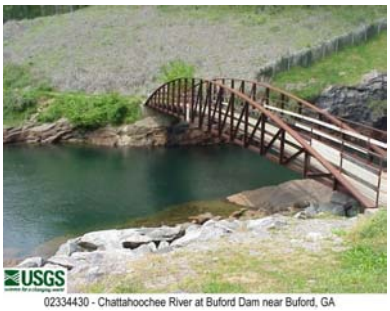
Drainage Area: 1,040. mi^2 Datum: 912.04 feet

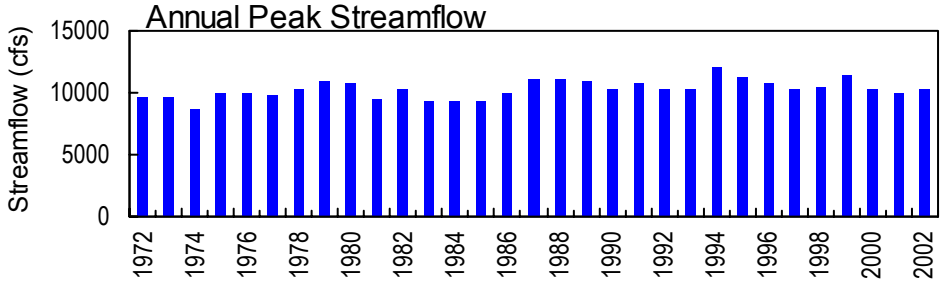












APALACHICOLA RIVER BASIN
2002 Water Year

02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM, NEAR BUFORD, GA

LOCATION.—Lat 34°09'25", long 84°04'44" referenced to North American Datum (NAD) of 1983, Gwinnett-Forsyth County line, Hydrologic Unit 03130001, on right bank 1,200 feet downstream from Buford Dam, 2.4 miles upstream from bridge on GA 20, 4.0 miles northwest of Buford, and at mile 348.1.

DRAINAGE AREA.—1,040 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July to December 1901 (figures of daily discharge for the months of August and December, published in WSP 197, are unreliable and should not be used), October 1941 to current year. Prior to October 1971, published as 02334500, Chattahoochee River "near Buford". Monthly discharge only for July to December 1901, October 1941 to January 1942, published in WSP 1304.

REVISED RECORDS.—WDR GA-79-1: 1972-78 (maximum gage heights only). WDR GA-90-1: 1986-89 (maximum gage heights only). See also PERIOD OF RECORD.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 912.04 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). From June 24 to December 21, 1901, and January 27, 1942, to December 3, 1944, a non-recording gage was installed, and from December 4, 1944, to December 31, 1947, a water-stage recorder was located at site 2.5 miles downstream, and from January 1, 1948, to September 30, 1971, a water-stage recorder was located at site 2.4 miles downstream, all at different datum.

REMARKS.—Records good, except for periods of estimated discharge, which are fair. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1921, that of Jan. 8, 1946, gage-height of 32.60 feet, from floodmarks, at site and datum then in use; discharge, 55,000 ft^3/s, from rating curve extended above 13,000 ft^3/s, on basis of peak flows passing upstream and downstream of station.

02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM, NEAR BUFORD, GA--continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July to December 1901 (figures of daily discharge for the months of August and December, published in WSP 197, are unreliable and should not be used), October 1941 to current year. Prior to October 1971, published as 02334500, Chattahoochee River "near Buford". Monthly discharge only for July to December 1901, October 1941 to January 1942, published in WSP 1304.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 912.04 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). From June 24 to December 21, 1901, and January 27, 1942, to December 3, 1944, a non-recording gage was installed, and from December 4, 1944, to December 31, 1947, a water-stage recorder was located at site 2.5 miles downstream, and from January 1, 1948, to September 30, 1971, a water-stage recorder was located at site 2.4 miles downstream, all at different datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.38 feet, September 12; minimum gage-height recorded, -1.00 feet, November 9, August 2.

STATION NUMBER 02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM, NEAR BUFORD, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340925 LONGITUDE 0840444 NAD83 DRAINAGE AREA 1040.00 CONTRIBUTING DRAINAGE AREA 1040* DATUM 912.04 NGVD29
Date Processed: 2003-03-11 10:09 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e925	702	704	695	483	473	493	659	666	991	874	983
2	909	894	893	695	646	487	490	480	676	838	1070	993
3	892	896	698	697	646	479	488	475	1020	833	643	1550
4	897	702	700	582	841	637	489	511	667	704	686	1560
5	889	903	884	669	816	472	487	484	666	976	1060	1700
6	709	705	693	480	461	474	487	482	661	793	1050	1680
7	711	897	700	482	471	475	651	484	665	943	1070	807
8	899	705	697	481	460	657	477	664	663	820	1050	981
9	902	790	700	481	473	475	482	476	671	995	1040	1740
10	1090	698	884	662	474	478	478	479	663	839	693	1760
11	896	702	697	607	476	664	661	476	695	956	693	2110
12	897	893	693	666	657	476	654	662	864	827	1020	2140
13	708	703	699	731	475	481	473	478	896	685	1180	1480
14	714	891	696	861	655	478	478	643	819	708	1220	607
15	902	703	696	849	785	478	481	654	818	877	1060	607
16	713	703	697	667	478	481	480	649	816	890	1180	798
17	907	874	522	480	474	479	482	619	839	863	863	793
18	711	700	436	1020	666	479	482	658	816	812	862	796
19	901	876	749	509	475	480	486	647	765	1060	1220	991
20	877	887	1880	491	811	657	666	651	1080	858	857	933
21	875	850	880	491	477	479	481	658	1230	839	1060	643
22	893	825	694	484	661	480	663	664	776	1240	1300	614
23	1080	697	698	482	478	480	997	677	784	1060	1230	982
24	894	881	699	490	658	659	822	673	800	873	881	e1000
25	863	698	694	507	476	478	479	669	895	879	874	e855
26	904	699	699	483	664	481	479	666	828	811	1190	e625
27	903	699	695	483	633	482	653	670	896	845	1230	676
28	710	702	696	481	826	652	662	670	842	862	1210	827
29	894	702	697	479	---	473	669	832	821	989	1280	825
30	888	707	704	479	---	550	661	665	694	859	1360	839
31	991	---	696	477	---	511	---	673	---	975	984	---
TOTAL	26944	23284	23170	18141	16596	15985	16931	18848	23992	27500	31990	32895
MEAN	869	776	747	585	593	516	564	608	800	887	1032	1096
MAX	1090	903	1880	1020	841	664	997	832	1230	1240	1360	2140
MIN	708	697	436	477	460	472	473	475	661	685	643	607
CFSM	0.84	0.75	0.72	0.56	0.57	0.50	0.54	0.58	0.77	0.85	0.99	1.05
IN.	0.96	0.83	0.83	0.65	0.59	0.57	0.61	0.67	0.86	0.98	1.14	1.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2002, BY WATER YEAR (WY)

MEAN	1817	1682	1463	1751	1907	2102	2497	2159	1859	1879	2196	2023
MAX	3983	4093	4900	5833	6504	5077	6996	6799	4968	3119	3921	4266
(WY)	1992	1975	1993	1993	1996	1990	1964	1964	1973	1963	1971	1967
MIN	427	536	432	431	507	463	481	565	424	532	486	483
(WY)	1958	1958	1958	1958	1957	1959	1959	1958	1957	1957	1957	1957

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1956 - 2002	
ANNUAL TOTAL	299828		276276			
ANNUAL MEAN	821		757		1944	
HIGHEST ANNUAL MEAN					3089	1993
LOWEST ANNUAL MEAN					757	2002
HIGHEST DAILY MEAN	1880	Dec 20	2140	Sep 12	9710	May 19 1964
LOWEST DAILY MEAN	436	Dec 18	436	Dec 18	262	May 18 1958
ANNUAL SEVEN-DAY MINIMUM	493	Mar 17	479	Mar 12	309	Jun 11 1957
MAXIMUM PEAK FLOW			10400	Sep 12	55000	Jan 8 1946
MAXIMUM PEAK STAGE			5.38	Sep 12	32.60	Jan 8 1946
ANNUAL RUNOFF (CFSM)	0.79		0.73		1.87	
ANNUAL RUNOFF (INCHES)	10.72		9.88		25.40	
10 PERCENT EXCEEDS	1120		1030		4270	
50 PERCENT EXCEEDS	819		699		1290	
90 PERCENT EXCEEDS	505		479		539	

e Estimated

STATION NUMBER 02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM, NEAR BUFORD, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340925 LONGITUDE 0840444 NAD83 DRAINAGE AREA 1040.00 CONTRIBUTING DRAINAGE AREA 1040* DATUM 912.04 NGVD29
Date Processed: 2003-03-11 10:09 By acday
APPROVED
DD #3, H510-DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	-0.45	-0.45	-0.46	-0.74	-0.75	-0.72	-0.60	-0.58	-0.29	-0.38	-0.23
2	-0.29	-0.30	-0.31	-0.46	-0.61	-0.73	-0.73	-0.74	-0.57	-0.40	-0.24	-0.22
3	-0.31	-0.30	-0.45	-0.46	-0.61	-0.74	-0.73	-0.74	-0.30	-0.41	-0.56	0.15
4	-0.30	-0.45	-0.45	-0.61	-0.46	-0.62	-0.73	-0.69	-0.57	-0.51	-0.52	0.19
5	-0.31	-0.30	-0.32	-0.59	-0.52	-0.75	-0.73	-0.73	-0.57	-0.33	-0.24	0.27
6	-0.44	-0.45	-0.46	-0.74	-0.77	-0.75	-0.73	-0.73	-0.58	-0.44	-0.24	0.28
7	-0.44	-0.30	-0.45	-0.74	-0.76	-0.75	-0.60	-0.73	-0.57	-0.32	-0.23	-0.36
8	-0.30	-0.45	-0.46	-0.74	-0.77	-0.60	-0.75	-0.58	-0.57	-0.42	-0.25	-0.23
9	-0.30	-0.44	-0.45	-0.74	-0.75	-0.75	-0.74	-0.74	-0.57	-0.32	-0.25	0.32
10	-0.16	-0.46	-0.32	-0.60	-0.75	-0.75	-0.75	-0.73	-0.58	-0.41	-0.52	0.33
11	-0.30	-0.45	-0.46	-0.63	-0.75	-0.60	-0.59	-0.74	-0.53	-0.31	-0.52	0.58
12	-0.30	-0.31	-0.46	-0.59	-0.61	-0.75	-0.61	-0.59	-0.40	-0.42	-0.26	0.49
13	-0.44	-0.45	-0.45	-0.56	-0.75	-0.74	-0.75	-0.74	-0.37	-0.53	-0.14	0.07
14	-0.44	-0.31	-0.46	-0.45	-0.61	-0.75	-0.75	-0.60	-0.42	-0.51	-0.11	-0.50
15	-0.29	-0.45	-0.46	-0.46	-0.50	-0.75	-0.74	-0.60	-0.45	-0.39	-0.23	-0.50
16	-0.44	-0.45	-0.46	-0.59	-0.75	-0.74	-0.74	-0.61	-0.43	-0.38	-0.17	-0.35
17	-0.29	-0.32	-0.69	-0.74	-0.75	-0.74	-0.74	-0.62	-0.41	-0.40	-0.38	-0.36
18	-0.44	-0.45	-0.81	-0.35	-0.60	-0.75	-0.74	-0.59	-0.45	-0.42	-0.38	-0.35
19	-0.29	-0.32	-0.41	-0.70	-0.75	-0.74	-0.73	-0.61	-0.48	-0.25	-0.15	-0.22
20	-0.31	-0.31	0.29	-0.73	-0.48	-0.60	-0.59	-0.59	-0.24	-0.40	-0.41	-0.25
21	-0.31	-0.33	-0.32	-0.73	-0.75	-0.74	-0.74	-0.58	-0.20	-0.41	-0.23	-0.45
22	-0.30	-0.35	-0.46	-0.74	-0.60	-0.74	-0.59	-0.58	-0.48	-0.16	-0.03	-0.49
23	-0.17	-0.46	-0.46	-0.74	-0.75	-0.74	-0.34	-0.57	-0.48	-0.24	-0.10	-0.22
24	-0.30	-0.32	-0.45	-0.73	-0.60	-0.60	-0.47	-0.57	-0.44	-0.38	-0.36	---
25	-0.32	-0.45	-0.46	-0.70	-0.75	-0.75	-0.74	-0.58	-0.38	-0.39	-0.37	---
26	-0.30	-0.45	-0.45	-0.74	-0.59	-0.74	-0.74	-0.58	-0.45	-0.42	-0.12	---
27	-0.29	-0.45	-0.46	-0.74	-0.61	-0.74	-0.60	-0.58	-0.38	-0.40	-0.14	-0.41
28	-0.44	-0.45	-0.46	-0.74	-0.48	-0.61	-0.60	-0.57	-0.41	-0.38	-0.15	-0.22
29	-0.30	-0.45	-0.46	-0.74	---	-0.75	-0.59	-0.48	-0.43	-0.28	-0.07	-0.22
30	-0.31	-0.44	-0.45	-0.74	---	-0.65	-0.59	-0.59	-0.52	-0.39	0.0	-0.30
31	-0.25	---	-0.46	-0.75	---	-0.70	---	-0.58	---	-0.32	-0.23	---

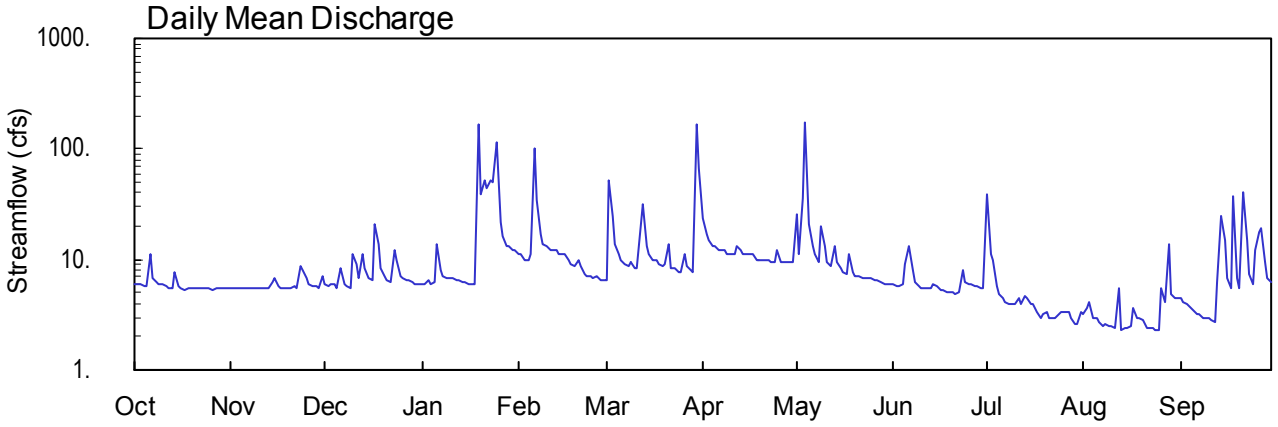
APALACHICOLA RIVER BASIN

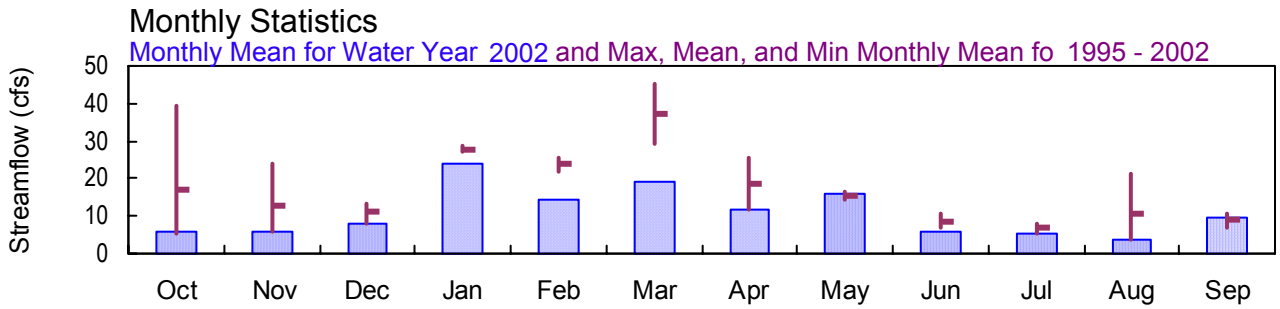
2002 Water Year

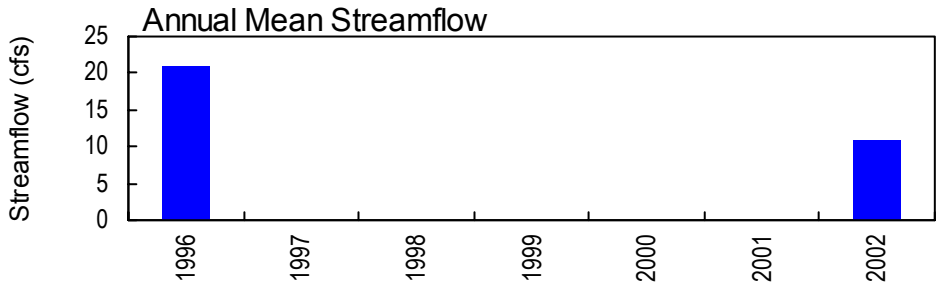
02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD, GA

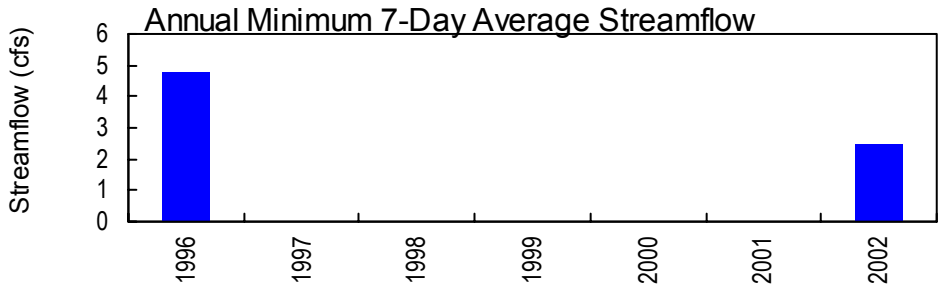
Latitude: 34°07'57" Longitude: 84°04'12" Hydrologic Unit Code: 03130001 Gwinnett County

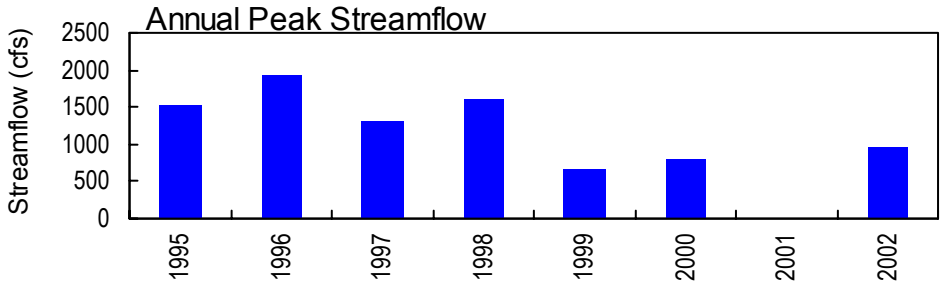
Drainage Area: 9.34 mi^2 Datum: 920.00 feet











APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02334480 RICHLAND CREEK ON SUWANEE DAM ROAD, NEAR BUFORD, GA

LOCATION.—Lat 34°07'57", long 84°04'12" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, at concrete box culvert on Suwanee Dam Road near Buford, 7.0 miles south of Buford Dam, and 1.25 river miles from the confluence of the Chattahoochee River.

DRAINAGE AREA.—9.34 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1, 1995 to January 6, 1997 (continuous record); 1998 to May 17, 2001 (non-continuous record); May 17, 2001 September 30, 2001.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 920.00 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 1, 1995 to January 6, 1997, continuous recorder at same site. From 1998 to May 17, 2001, operated as a crest-stage gage at same location.

REMARKS.—Records poor.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1, 1995 to January 6, 1997 (continuous record); 1998 to May 17, 2001 (non-continuous record); May 17, 2001 September 30, 2001.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 920.00 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 1, 1995 to January 6, 1997, continuous recorder at same site. From 1998 to May 17, 2001, operated as a crest-stage gage at same location.

REMARKS.—Records poor.

EXTREMES FOR 2001 WATER YEAR.—Maximum gage-height recorded, 8.73 feet, July 31, 2001; minimum gage-height recorded, 0.33 feet, September 15-19, 21-23, 2001.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.87 feet, May 4; minimum gage-height recorded, 0.24 feet, September 10-13.

02334480 RICHLAND CREEK ON SUWANEE DAM ROAD, NEAR BUFORD, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 17, 2001 to current year.

GAGE.—Tipping-bucket rain gage.

REMARKS.—Records good.

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34* CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-12 14:34 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.0	5.6	6.0	6.0	11	6.6	24	26	5.9	39	3.2	4.4
2	5.9	5.6	5.8	6.0	11	53	17	11	5.7	11	3.6	4.1
3	5.9	5.6	6.0	6.6	10	25	15	36	5.7	9.9	4.2	3.9
4	5.8	5.6	5.9	6.1	10	14	13	175	5.9	5.8	3.0	3.8
5	5.8	5.6	5.6	6.2	11	11	13	21	8.9	4.9	2.9	3.5
6	11	5.6	e8.2	14	e100	10	12	13	13	4.4	2.7	3.2
7	6.8	5.5	6.0	8.1	34	9.1	12	11	7.9	4.2	2.5	3.2
8	6.3	5.5	5.7	7.0	17	8.6	12	9.6	6.3	4.0	2.6	3.0
9	6.1	5.5	5.6	6.8	14	9.4	11	20	5.8	3.9	2.5	3.0
10	5.9	5.5	11	6.7	13	8.4	11	13	5.6	3.9	2.5	2.9
11	5.8	5.5	9.1	6.7	12	8.2	11	9.4	5.6	4.4	2.4	2.8
12	5.5	5.6	6.9	6.5	12	20	13	8.8	5.5	4.0	5.5	2.7
13	5.4	5.5	11	6.4	12	32	12	13	5.4	4.7	2.3	6.2
14	7.6	6.3	8.4	6.3	11	13	11	9.4	6.1	4.4	2.4	25
15	5.7	6.9	6.9	6.2	11	11	11	8.3	5.7	3.9	2.4	15
16	5.4	5.7	6.5	6.1	11	10	11	7.8	5.3	3.9	2.5	6.7
17	5.3	5.5	21	6.1	10	10	11	7.5	5.3	e3.4	3.7	5.4
18	5.4	5.6	14	6.1	8.9	9.2	10	11	5.1	3.0	2.9	37
19	5.4	5.6	8.2	170	8.8	8.8	10	7.6	5.1	3.2	3.0	6.7
20	5.4	5.6	7.2	39	9.8	8.9	9.9	7.0	5.0	3.3	2.8	5.4
21	5.4	5.7	6.6	52	8.6	14	9.8	7.0	4.8	3.0	2.4	41
22	5.4	5.4	6.3	e45	7.5	8.5	9.7	6.8	5.0	3.0	2.4	15
23	5.4	8.6	12	e52	7.2	8.2	9.6	6.7	8.1	3.0	2.4	7.3
24	5.4	8.1	9.8	49	7.0	7.8	9.6	6.7	6.3	3.2	2.3	6.1
25	5.4	6.9	7.2	116	6.9	7.6	12	6.7	5.9	3.3	2.3	12
26	5.3	5.9	6.7	22	7.2	11	9.5	6.5	5.9	3.3	5.6	18
27	5.4	5.8	6.4	16	6.6	8.6	9.5	6.5	5.8	3.3	4.2	19
28	5.4	5.7	6.4	13	6.6	8.1	9.6	6.2	5.8	2.9	14	9.5
29	5.5	5.6	6.3	13	---	7.8	9.3	6.1	5.6	2.6	4.8	6.9
30	5.6	7.2	6.0	12	---	167	9.4	6.0	5.4	2.6	4.4	6.2
31	5.6	---	5.9	12	---	68	---	6.0	---	3.4	4.4	---
TOTAL	182.2	178.3	244.6	734.9	395.1	602.8	347.9	496.6	183.4	162.8	108.8	288.9
MEAN	5.88	5.94	7.89	23.7	14.1	19.4	11.6	16.0	6.11	5.25	3.51	9.63
MAX	11	8.6	21	170	100	167	24	175	13	39	14	41
MIN	5.3	5.4	5.6	6.0	6.6	6.6	9.3	6.0	4.8	2.6	2.3	2.7
CFSM	0.63	0.64	0.84	2.54	1.51	2.08	1.24	1.72	0.65	0.56	0.38	1.03
IN.	0.73	0.71	0.97	2.93	1.57	2.40	1.39	1.98	0.73	0.65	0.43	1.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2002, BY WATER YEAR (WY)

MEAN	17.2	13.0	11.2	26.1	19.9	32.3	18.5	15.1	11.0	14.0	10.9	9.00
MAX	39.3	23.8	13.3	28.5	25.5	45.1	25.5	16.0	16.6	28.4	21.2	10.7
(WY)	1996	1996	1996	1996	1996	1996	1996	2002	2001	2001	2001	1996
MIN	5.88	5.94	7.89	23.7	14.1	19.4	11.6	14.1	6.11	5.25	3.51	6.64
(WY)	2002	2002	2002	2002	2002	2002	2002	1996	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 1995 - 2002	
ANNUAL TOTAL	3926.3			
ANNUAL MEAN	10.8		15.9	
HIGHEST ANNUAL MEAN			21.0	1996
LOWEST ANNUAL MEAN			10.8	2002
HIGHEST DAILY MEAN	175	May 4	514	Oct 5 1995
LOWEST DAILY MEAN	2.3	Aug 13	2.3	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	2.5	Aug 19	2.5	Aug 19 2002
MAXIMUM PEAK FLOW	962	May 4		
MAXIMUM PEAK STAGE	5.87	May 4		
INSTANTANEOUS LOW FLOW	2.0	Aug 8		
ANNUAL RUNOFF (CFSM)	1.15		1.70	
ANNUAL RUNOFF (INCHES)	15.64		23.13	
10 PERCENT EXCEEDS	14		22	
50 PERCENT EXCEEDS	6.5		8.8	
90 PERCENT EXCEEDS	3.2		4.8	

e Estimated

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34* DATUM 920.00 NGVD29
Date Processed: 2003-03-12 08:47 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.37	0.38	0.39	0.39	0.52	0.41	0.73	0.72	0.39	0.72	0.31	0.32
2	0.37	0.38	0.39	0.39	0.51	0.99	0.61	0.47	0.38	0.54	0.33	0.30
3	0.37	0.38	0.39	0.41	0.50	0.75	0.55	0.83	0.38	0.51	0.35	0.30
4	0.37	0.38	0.39	0.40	0.50	0.57	0.53	1.83	0.39	0.41	0.31	0.29
5	0.37	0.38	0.38	0.40	0.50	0.51	0.51	0.72	0.47	0.37	0.30	0.28
6	0.51	0.38	---	0.59	---	0.49	0.50	0.57	0.56	0.36	0.29	0.27
7	0.40	0.38	0.39	0.45	0.86	0.47	0.49	0.53	0.45	0.35	0.29	0.27
8	0.38	0.37	0.38	0.42	0.63	0.46	0.49	0.50	0.40	0.34	0.29	0.27
9	0.38	0.38	0.38	0.42	0.57	0.48	0.48	0.65	0.39	0.34	0.28	0.26
10	0.37	0.37	0.52	0.41	0.55	0.45	0.48	0.57	0.38	0.34	0.28	0.26
11	0.37	0.38	0.48	0.41	0.53	0.45	0.47	0.49	0.38	0.35	0.28	0.25
12	0.37	0.38	0.42	0.41	0.53	0.65	0.52	0.48	0.38	0.34	0.38	0.25
13	0.37	0.38	0.51	0.40	0.53	0.82	0.49	0.56	0.37	0.37	0.28	0.34
14	0.44	0.40	0.46	0.40	0.52	0.56	0.48	0.49	0.39	0.36	0.28	0.77
15	0.38	0.42	0.42	0.40	0.52	0.51	0.48	0.46	0.38	0.34	0.28	0.60
16	0.37	0.38	0.41	0.39	0.51	0.50	0.47	0.45	0.37	0.34	0.28	0.39
17	0.37	0.38	0.63	0.40	0.50	0.49	0.46	0.44	0.37	---	0.33	0.35
18	0.37	0.38	0.58	0.39	0.47	0.47	0.45	0.52	0.36	0.30	0.30	0.89
19	0.37	0.38	0.46	1.71	0.47	0.46	0.45	0.44	0.36	0.31	0.30	0.39
20	0.37	0.38	0.43	0.91	0.49	0.46	0.45	0.42	0.36	0.32	0.30	0.35
21	0.37	0.38	0.41	1.02	0.46	0.57	0.44	0.42	0.35	0.31	0.28	0.84
22	0.37	0.37	0.40	---	0.43	0.46	0.44	0.42	0.36	0.30	0.28	0.60
23	0.37	0.46	0.53	---	0.42	0.45	0.44	0.41	0.44	0.30	0.28	0.41
24	0.37	0.45	0.50	0.93	0.42	0.44	0.44	0.41	0.38	0.31	0.27	0.38
25	0.37	0.42	0.43	1.51	0.42	0.43	0.48	0.41	0.37	0.32	0.27	0.52
26	0.37	0.39	0.41	0.70	0.43	0.50	0.43	0.41	0.37	0.31	0.38	0.65
27	0.37	0.39	0.40	0.61	0.41	0.46	0.43	0.41	0.36	0.31	0.34	0.67
28	0.37	0.38	0.40	0.56	0.41	0.44	0.44	0.40	0.37	0.30	0.52	0.47
29	0.37	0.38	0.40	0.55	---	0.44	0.43	0.40	0.36	0.29	0.33	0.40
30	0.38	0.43	0.39	0.54	---	1.84	0.43	0.39	0.35	0.29	0.31	0.38
31	0.38	---	0.39	0.53	---	1.23	---	0.39	---	0.32	0.32	---
MEAN	0.38	0.39	---	---	---	0.59	0.48	0.54	0.39	---	0.31	0.42
MAX	0.51	0.46	---	---	---	1.84	0.73	1.83	0.56	---	0.52	0.89
MIN	0.37	0.37	---	---	---	0.41	0.43	0.39	0.35	---	0.27	0.25

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34* DATUM 920.00 NGVD29
Date Processed: 2003-03-12 08:47 By acday
APPROVED
DD #4, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.07	0.00	0.00	---	0.00	0.79	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.75	0.00	---	0.00	0.04	0.57	0.00
3	0.00	0.00	0.00	0.00	0.02	0.25	0.00	---	0.00	0.08	0.00	0.00
4	0.00	0.00	0.02	0.17	0.00	0.00	0.00	---	0.86	0.01	0.00	0.00
5	0.12	0.00	0.00	0.01	0.00	0.00	0.00	---	0.03	0.00	0.00	0.00
6	0.76	0.00	0.0	0.54	1.49	0.00	0.00	---	0.81	0.04	0.00	0.00
7	0.00	0.00	0.00	0.00	0.07	0.00	0.00	---	0.00	0.00	0.00	0.00
8	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.20	0.04	0.85	0.00	0.00	0.00	0.00
10	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
12	0.01	0.00	0.01	0.02	0.00	0.75	0.45	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.39	0.00	0.00	0.23	0.03	0.42	0.00	0.17	0.00	1.20
14	0.46	0.00	0.07	0.01	0.00	0.00	0.01	0.00	0.21	0.01	0.00	1.12
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.64
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
17	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.40	0.00	0.00	0.11	0.05
18	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.30	0.00	---	0.02	1.75
19	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00	0.00	---	0.05	0.00
20	0.00	0.00	0.00	0.00	0.19	0.32	0.00	0.00	0.00	0.00	0.00	0.14
21	0.00	0.00	0.00	0.70	0.01	0.24	0.00	0.00	0.00	0.00	0.00	1.01
22	0.01	0.00	0.00	0.53	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.11
23	0.00	0.83	0.67	0.14	0.00	0.00	0.00	0.00	0.61	0.01	0.00	0.00
24	0.02	0.19	0.00	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.01	0.10	0.00	0.08	0.00	0.00	0.36	0.00	0.00	0.00	0.00	2.72
26	0.00	0.00	0.00	0.00	0.08	0.48	0.01	0.02	0.01	0.01	0.91	0.48
27	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.23
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.69	0.01
29	0.00	0.00	0.00	0.00	---	0.0	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.30	0.00	0.00	---	2.88	---	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.01	---	0.18	---	0.00	---	0.31	0.00	---
TOTAL	1.40	1.43	3.06	6.64	1.93	7.29	---	---	2.69	---	2.40	9.46

APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02334480 RICHLAND CREEK ON SUWANEE DAM ROAD, NEAR BUFORD, GA

LOCATION.—Lat 34°07'57", long 84°04'12" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, at concrete box culvert on Suwanee Dam Road near Buford, 7.0 miles south of Buford Dam, and 1.25 river miles from the confluence of the Chattahoochee River.

DRAINAGE AREA.—9.34 mi^2.

COOPERATION.—Gwinnett County Department of Public Works.

PERIOD OF RECORD.—May 17, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: May 17, 2001 to current water year.
WATER TEMPERATURE: May 17, 2001 to current water year.
TURBIDITY: May 17, 2001 to current water year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records fair, except turbidity, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.–-

SPECIFIC CONDUCTANCE: Maximum recorded, 128 microsiemens, August 26, 2002; minimum recorded, 21 microsiemens, February 6, 2002.
WATER TEMPERATURE: Maximum recorded, 26.7°C, August 12, 2002; minimum recorded, 0.3°C, January 4, 2002 .
TURBIDITY: Maximum recorded, >2,200 NTU, on many days; minimum recorded, <5.0 NTU, on many days.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 97 microsiemens, May 31; minimum, 24 microsiemens, July 31 and August 13.
WATER TEMPERATURE: Maximum 24.5°C, July 25; minimum 12.6°C, September 27.
TURBIDITY: Maximum, >2,200 NTU, September 24; minimum, <5.0 NTU, September 15-18, 21-23.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 128 microsiemens, August 26; minimum, 21 microsiemens, February 6.
WATER TEMPERATURE: Maximum, 26.7°C, August 12; minimum, 0.3°C, January 4.
TURBIDITY: Maximum, >2,200 NTU, on many days; minimum, <5.0 NTU, on many days.

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 10:47 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 10:47 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	90	85	87
19	---	---	---	---	---	---	---	---	---	91	84	86
20	---	---	---	---	---	---	---	---	---	88	84	86
21	---	---	---	---	---	---	---	---	---	89	84	86
22	---	---	---	---	---	---	---	---	---	89	83	86
23	---	---	---	---	---	---	---	---	---	87	83	85
24	---	---	---	---	---	---	---	---	---	87	82	85
25	---	---	---	---	---	---	---	---	---	88	79	84
26	---	---	---	---	---	---	---	---	---	88	84	86
27	---	---	---	---	---	---	---	---	---	89	84	87
28	---	---	---	---	---	---	---	---	---	88	67	78
29	---	---	---	---	---	---	---	---	---	83	57	73
30	---	---	---	---	---	---	---	---	---	86	83	85
31	---	---	---	---	---	---	---	---	---	97	84	88
MONTH	---	---	---	---	---	---	---	---	---	97	57	84

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 10:47 By ceoberst
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DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	87	43	61	---	---	---	---	---	---	89	82	84
2	68	46	60	---	---	---	---	---	---	88	83	86
3	74	62	70	---	---	---	76	72	74	88	82	86
4	80	64	74	---	---	---	79	76	77	87	59	75
5	86	69	78	---	---	---	80	77	78	85	82	84
6	88	51	76	---	---	---	81	72	78	87	84	85
7	71	63	67	---	---	---	83	74	79	87	84	85
8	74	71	73	---	---	---	83	81	82	86	84	85
9	77	74	75	---	---	---	86	83	84	87	83	85
10	79	77	78	---	---	---	86	83	84	88	84	86
11	80	78	79	---	---	---	86	83	85	88	84	86
12	82	74	80	---	---	---	86	77	83	88	84	86
13	81	74	79	85	81	84	77	24	44	89	85	87
14	86	80	82	86	82	84	63	25	53	89	85	87
15	84	78	81	85	81	84	70	63	68	89	84	87
16	83	77	80	85	81	83	89	70	74	89	84	87
17	84	80	82	86	81	84	80	76	76	89	83	86
18	84	80	82	86	81	84	80	76	78	88	83	85
19	84	80	82	86	81	84	81	79	80	88	83	86
20	84	78	81	86	81	84	83	80	81	88	82	84
21	88	78	82	86	82	84	85	81	83	87	84	86
22	83	63	77	86	81	84	85	81	82	87	83	85
23	81	74	79	85	81	84	85	81	83	88	68	84
24	81	77	80	87	70	81	86	83	84	76	37	64
25	81	77	79	80	24	49	87	84	85	78	72	76
26	81	77	79	66	54	61	87	83	86	81	78	79
27	80	33	73	---	---	---	88	83	86	83	80	81
28	69	43	62	77	60	72	87	83	86	82	78	80
29	81	68	77	77	55	71	88	83	86	83	79	81
30	84	25	64	78	67	74	89	84	87	84	80	82
31	---	---	---	78	24	49	88	84	86	---	---	---
MONTH	88	25	76	87	24	77	89	24	79	89	37	83
YEAR	97	24	80									

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:59 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	85	80	83	85	81	84	85	81	83	84	80	82
2	89	80	83	86	82	84	86	81	84	83	79	81
3	85	81	83	86	82	84	86	81	84	81	78	80
4	84	80	82	86	82	85	86	80	83	84	81	82
5	85	82	84	87	83	85	85	80	82	84	81	83
6	85	64	75	88	82	85	89	73	82	83	63	75
7	84	78	81	88	81	84	88	81	84	79	76	78
8	86	83	85	86	81	84	86	82	84	80	78	79
9	87	82	84	87	81	84	86	82	84	81	78	80
10	90	82	84	86	81	84	88	71	81	82	79	81
11	87	82	84	87	81	85	83	73	79	81	79	80
12	87	84	85	87	82	85	85	81	83	81	78	80
13	88	83	85	87	81	84	84	63	77	81	79	80
14	89	79	84	86	78	83	84	75	80	---	---	---
15	85	82	83	85	80	82	84	81	83	84	80	82
16	88	84	86	87	82	84	85	80	83	84	79	82
17	90	83	87	88	82	85	85	44	75	84	79	81
18	88	83	85	86	82	85	77	55	70	82	79	80
19	88	83	86	87	81	85	80	77	79	---	---	---
20	88	82	86	87	83	85	81	79	80	---	---	---
21	85	82	83	102	84	90	85	79	81	---	---	---
22	91	85	88	96	76	85	85	79	82	---	---	---
23	91	86	89	85	76	82	83	63	75	---	---	---
24	90	86	88	84	78	82	79	63	73	---	---	---
25	89	85	87	84	81	83	80	77	79	---	---	---
26	88	85	87	85	82	84	81	78	80	65	55	59
27	88	84	86	85	82	84	82	79	81	70	65	67
28	87	82	85	86	82	84	82	79	81	71	70	70
29	87	82	85	86	82	84	82	79	81	74	71	73
30	87	82	85	84	78	81	83	79	81	75	73	74
31	87	81	84	---	---	---	82	79	81	77	75	76
MONTH	91	64	85	102	76	84	89	44	80	84	55	78

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:59 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	78	75	77	85	80	83	70	63	68	85	43	66
2	78	77	78	115	22	57	73	70	72	81	70	74
3	78	77	78	49	31	39	75	73	74	77	39	65
4	79	78	78	55	49	52	76	75	75	74	30	54
5	79	77	78	61	55	58	77	76	76	66	57	62
6	78	21	60	65	60	63	79	77	78	75	66	71
7	---	---	---	68	65	66	79	76	77	79	75	77
8	---	---	---	72	68	70	80	77	78	80	77	78
9	---	---	---	73	70	71	79	77	78	80	50	74
10	---	---	---	75	71	73	82	77	78	79	74	76
11	---	---	---	78	73	75	80	77	78	80	78	80
12	---	---	---	79	57	70	79	71	77	81	79	80
13	---	---	---	80	55	68	78	74	77	81	54	75
14	---	---	---	85	80	83	79	76	78	80	76	79
15	77	74	75	85	82	84	79	77	78	81	78	80
16	77	74	76	84	82	83	81	78	79	81	78	80
17	78	74	76	85	81	83	81	78	80	82	79	81
18	79	76	78	81	78	80	81	78	79	79	70	76
19	80	76	78	78	75	76	83	78	80	82	79	80
20	81	75	78	78	74	76	84	78	81	82	80	81
21	80	76	78	78	65	72	83	79	81	84	80	82
22	81	78	80	76	74	75	84	79	82	82	79	81
23	82	79	81	78	73	74	86	80	83	83	80	81
24	83	79	82	80	75	78	85	79	82	82	80	81
25	84	80	82	81	78	80	84	77	82	86	82	84
26	85	80	82	82	64	76	86	82	83	85	82	84
27	85	81	83	80	75	78	84	81	82	85	81	83
28	89	80	83	95	76	81	83	79	82	85	82	84
29	---	---	---	89	78	82	85	82	83	85	82	83
30	---	---	---	82	36	55	84	80	82	85	83	84
31	---	---	---	64	39	57	---	---	---	85	83	84
MONTH	89	21	78	115	22	72	86	63	79	86	30	77

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:59 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	85	82	84	---	---	---	90	85	88	96	89	93
2	85	83	84	---	---	---	92	75	88	95	88	92
3	86	83	85	---	---	---	91	78	86	97	88	94
4	86	81	85	---	---	---	92	88	91	96	89	93
5	84	78	82	---	---	---	92	88	90	94	90	92
6	86	61	76	---	---	---	92	88	90	95	89	92
7	82	68	78	---	---	---	93	89	91	97	90	93
8	84	80	82	---	---	---	95	88	91	95	89	93
9	84	80	82	81	78	80	95	89	91	96	88	92
10	84	80	83	84	80	82	93	89	91	96	88	92
11	86	81	84	85	80	83	93	88	91	95	88	91
12	88	83	85	84	79	82	93	79	88	95	88	91
13	94	81	86	87	80	83	97	89	92	95	58	88
14	86	81	83	88	83	85	94	89	91	67	43	59
15	87	81	85	87	83	86	95	89	91	78	63	69
16	85	80	83	88	85	87	96	89	92	94	78	85
17	84	79	82	88	84	86	98	87	93	95	89	93
18	85	79	82	86	83	85	94	89	91	94	39	60
19	85	79	82	88	83	85	95	85	90	87	84	85
20	84	79	82	88	84	87	93	86	91	89	84	87
21	83	79	81	89	86	87	99	89	94	88	43	70
22	84	77	81	89	85	87	98	93	95	83	60	71
23	83	65	75	92	86	89	97	89	93	91	83	87
24	83	79	81	91	87	89	97	92	94	92	88	90
25	83	78	81	91	86	89	100	93	97	92	65	83
26	83	77	81	91	85	88	128	69	92	84	58	75
27	83	79	81	88	85	87	93	74	85	95	71	84
28	83	78	81	88	85	87	93	49	71	101	95	98
29	81	77	79	88	85	87	89	83	87	101	89	94
30	81	77	79	89	86	88	93	87	90	92	87	90
31	---	---	---	91	82	87	98	90	94	---	---	---
MONTH	94	61	82	92	78	86	128	49	90	101	39	86
YEAR	128	21	81									

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 10:38 By ceoberst
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DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 10:38 By ceoberst
APPROVED
DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	21.5	16.6	18.7
18	---	---	---	---	---	---	---	---	---	21.8	16.6	19.1
19	---	---	---	---	---	---	---	---	---	18.7	16.8	18.0
20	---	---	---	---	---	---	---	---	---	19.4	17.8	18.6
21	---	---	---	---	---	---	---	---	---	20.8	18.1	19.3
22	---	---	---	---	---	---	---	---	---	19.5	16.2	18.5
23	---	---	---	---	---	---	---	---	---	18.8	13.6	16.2
24	---	---	---	---	---	---	---	---	---	18.1	14.2	16.1
25	---	---	---	---	---	---	---	---	---	18.3	15.9	16.8
26	---	---	---	---	---	---	---	---	---	18.6	13.6	16.1
27	---	---	---	---	---	---	---	---	---	20.1	14.9	17.3
28	---	---	---	---	---	---	---	---	---	18.8	16.6	17.6
29	---	---	---	---	---	---	---	---	---	21.0	18.0	19.1
30	---	---	---	---	---	---	---	---	---	20.3	16.2	18.4
31	---	---	---	---	---	---	---	---	---	20.0	16.8	18.3
MONTH	---	---	---	---	---	---	---	---	---	21.8	13.6	17.9

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 10:38 By ceoberst
APPROVED
DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19.5	18.1	18.8	22.5	20.7	21.6	---	---	---	21.5	20.7	21.1
2	19.7	17.6	18.7	23.8	20.2	21.7	---	---	---	21.2	20.2	20.7
3	19.9	17.0	18.5	23.1	21.7	22.4	22.5	20.6	21.6	21.0	20.5	20.8
4	20.6	17.8	19.2	22.4	21.2	21.8	22.8	21.2	21.9	21.9	20.9	21.3
5	21.3	18.8	20.1	22.7	20.3	21.4	23.4	21.5	22.2	22.7	20.4	21.4
6	22.9	18.5	20.4	22.5	19.3	20.8	23.0	21.5	22.2	22.9	20.4	21.6
7	21.2	19.8	20.4	21.2	19.0	20.3	23.4	21.2	22.2	22.7	20.7	21.7
8	21.0	19.2	19.9	22.8	19.8	21.2	24.2	21.5	22.6	22.3	20.1	21.2
9	20.2	18.6	19.4	23.6	21.0	22.2	24.2	21.8	22.9	22.4	20.4	21.4
10	21.1	17.6	19.4	23.3	20.8	22.0	24.5	22.0	23.1	23.1	20.9	22.0
11	20.7	18.7	19.7	24.1	21.1	22.5	23.8	22.1	22.9	22.9	21.2	21.9
12	20.1	19.0	19.6	23.8	21.3	22.5	23.4	22.3	22.7	22.8	20.8	21.8
13	22.8	19.2	20.8	23.0	21.4	22.2	23.7	22.8	23.2	21.7	19.1	20.4
14	22.5	19.7	21.1	23.2	20.2	21.5	23.5	21.8	22.7	21.5	18.8	20.2
15	22.4	19.7	20.9	22.4	19.4	20.9	23.0	20.9	22.0	20.4	17.2	18.7
16	23.3	20.2	21.5	21.7	19.3	20.5	23.0	21.0	21.9	18.3	15.2	16.8
17	22.7	18.3	20.5	22.6	19.1	20.8	23.2	21.2	22.1	18.6	15.2	16.9
18	23.1	19.1	20.9	23.0	19.9	21.4	23.6	21.5	22.4	18.5	15.2	16.9
19	22.2	19.0	20.5	23.0	20.3	21.6	23.0	21.3	22.1	18.9	17.0	17.9
20	22.2	18.4	20.3	22.5	21.1	21.7	23.0	21.1	22.0	20.7	18.6	19.4
21	22.6	18.9	20.7	22.6	20.9	21.6	22.3	19.2	20.8	20.0	16.8	18.6
22	21.2	19.8	20.5	23.1	19.9	21.4	22.0	18.8	20.4	20.2	17.1	18.7
23	21.9	19.1	20.3	23.4	19.6	21.4	22.4	19.5	20.9	20.6	17.7	19.2
24	21.4	17.4	19.3	22.5	21.1	21.7	22.8	20.2	21.4	20.6	18.6	20.0
25	21.4	18.4	19.6	24.5	22.0	22.8	22.7	20.6	21.6	18.6	15.4	16.9
26	21.3	19.0	19.9	23.4	21.9	22.7	22.8	20.4	21.6	16.5	13.2	15.0
27	22.0	18.7	20.3	---	---	---	23.1	20.7	21.9	16.5	12.6	14.7
28	21.6	19.8	20.7	22.7	21.4	21.8	22.7	20.8	21.6	16.7	13.2	15.1
29	22.1	19.9	20.9	23.4	21.3	22.2	22.8	20.9	21.7	16.5	14.2	15.4
30	23.9	20.3	21.5	24.0	21.9	22.8	22.0	21.1	21.6	15.9	13.0	14.6
31	---	---	---	23.6	22.3	22.9	21.8	20.9	21.3	---	---	---
MONTH	23.9	17.0	20.1	24.5	19.0	21.7	24.5	18.8	22.0	23.1	12.6	19.1
YEAR	24.5	12.6	20.4									

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:25 By ceoberst
APPROVED
DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16.2	12.9	14.7	14.5	10.5	12.4	13.5	10.3	11.9	4.8	1.6	3.3
2	16.4	12.8	14.7	15.7	11.8	13.6	13.0	9.4	11.2	3.9	2.6	3.5
3	16.8	13.1	15.1	16.6	13.2	14.6	12.5	9.5	10.9	4.1	2.4	3.1
4	17.0	13.6	15.4	15.3	12.2	13.6	11.8	7.9	9.8	3.7	0.3	2.0
5	16.3	14.1	15.3	14.0	9.9	12.0	11.7	7.5	9.6	4.4	0.5	2.5
6	17.5	14.6	16.6	12.5	8.8	10.7	12.6	9.9	11.0	5.3	3.7	4.6
7	15.1	12.2	13.8	12.1	7.5	9.9	14.1	10.2	12.1	5.4	3.9	5.0
8	14.3	11.6	12.9	12.6	8.2	10.3	14.8	11.8	13.5	5.2	2.5	3.7
9	14.1	11.5	12.8	13.0	8.6	10.7	14.2	12.7	13.4	6.4	2.0	4.1
10	15.6	12.2	14.0	12.9	8.6	10.6	13.1	9.9	11.2	8.6	4.2	6.4
11	17.0	15.0	16.0	12.5	8.0	10.2	11.9	9.9	10.9	10.9	7.0	9.1
12	17.9	16.4	17.1	12.8	9.6	10.9	11.8	11.0	11.4	7.0	4.6	6.0
13	19.0	17.3	18.1	11.6	8.7	10.0	12.8	11.8	12.3	7.3	3.8	5.4
14	19.3	16.4	18.4	11.8	7.8	9.7	15.2	12.2	13.8	---	3.9	---
15	17.0	14.2	15.6	12.2	8.1	10.1	12.2	9.0	10.7	7.9	4.7	6.2
16	14.8	12.1	13.6	11.9	7.5	9.7	11.8	9.4	10.5	7.1	3.4	5.2
17	13.0	9.9	11.5	12.3	7.6	10	13.0	11.3	11.9	7.9	3.1	5.4
18	12.9	9.2	11.1	12.5	8.6	10.5	12.8	10.0	11.8	9.4	6.4	7.7
19	13.7	9.5	11.6	12.5	8.5	10.5	10.7	7.8	9.4	7.7	6.7	7.3
20	15.1	11.0	13.0	12.6	9.0	10.9	10.0	7.0	8.6	8.4	5.7	7.0
21	15.9	11.9	13.9	10.3	7.1	8.6	8.4	5.1	6.7	9.4	6.8	7.9
22	16.4	12.7	14.5	10.7	6.4	8.5	8.1	4.6	6.3	8.9	5.4	7.3
23	17.4	14.0	15.6	11.9	9.2	10.4	9.5	6.3	7.9	9.4	7.9	8.6
24	17.1	14.2	15.8	13.9	11.9	12.9	9.3	5.6	7.3	12.2	9.4	10.9
25	16.8	13.4	15.9	16.0	12.7	14.5	6.6	3.7	5.1	11.5	9.5	10.8
26	13.6	11.0	12.3	14.1	10.6	12.5	4.9	3.0	3.9	10.5	7.3	8.9
27	11.2	8.7	9.9	15.9	12.9	14.2	4.9	1.8	3.2	10.6	6.4	8.4
28	10.6	6.9	8.8	15.8	12.7	14.2	6.9	2.8	4.7	11.9	7.3	9.5
29	10.9	6.5	8.7	16.3	13.4	14.8	8.6	5.4	6.7	13.7	9.2	11.3
30	11.9	7.1	9.5	16.0	12.9	15.0	5.9	4.2	5.0	14.4	10.6	12.4
31	12.3	8.0	10.2	---	---	---	5.1	3.7	4.4	14.7	11.3	13.1
MONTH	19.3	6.5	13.8	16.6	6.4	11.6	15.2	1.8	9.3	14.7	0.3	6.9

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:25 By ceoberst
APPROVED
DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.8	11.3	13.5	8.2	1.4	4.9	17.9	12.3	14.9	17.3	15.1	16.2
2	11.3	7.9	9.6	7.3	5.8	6.5	18.8	11.1	14.8	20.3	16.1	18.1
3	9.1	7.3	8.2	8.6	5.5	7.7	19.1	13.0	15.6	19.1	17.6	18.4
4	9.4	6.4	7.8	7.3	3.4	5.0	16.9	11.3	13.8	17.6	14.9	15.9
5	7.0	5.1	6.2	9.0	2.3	5.4	16.9	9.4	12.8	17.2	14.6	15.8
6	6.8	5.3	5.7	10.8	3.8	7.0	16.3	8.9	12.3	18.2	14.6	16.5
7	7.5	5.6	6.7	12.3	5.3	8.5	16.7	9.6	12.7	19.5	16.1	17.8
8	9.7	5.0	7.2	13.4	6.7	10.0	16.5	12.1	14.1	20.6	17.2	18.9
9	10.5	5.3	7.9	14.2	10.8	12.4	16.0	14.5	15.1	20.9	17.4	19.2
10	13.3	9.3	11.0	12.9	8.0	10.3	19.1	14.3	16.2	20.5	18.0	19.4
11	11.1	7.7	9.5	12.4	5.7	9.0	16.6	15.2	15.6	19.4	18.0	18.7
12	10.1	5.3	7.6	10.2	9.2	9.8	15.7	14.8	15.3	19.2	17.6	18.4
13	10.9	6.6	8.4	14.1	10.1	11.6	16.4	15.0	15.6	20.7	17.8	19.1
14	10.3	5.3	7.7	16.5	9.4	12.6	18.8	15.2	16.7	18.0	14.5	16.4
15	10.8	6.0	8.4	16.4	10.0	13.3	20.4	14.9	17.5	18.1	13.1	15.8
16	11.9	7.8	9.6	18.1	13.2	15.3	21.2	15.3	18.0	18.6	13.8	16.3
17	10.6	6.0	8.1	18.7	14.3	16.3	22.2	16.1	18.9	19.7	15.7	17.8
18	10.1	4.4	7.1	18.9	14.3	16.3	21.9	16.5	19.1	19.2	16.1	18.2
19	10.3	4.5	7.5	17.3	14.5	15.5	22.6	16.5	19.4	17.2	13.9	15.5
20	11.6	8.3	9.7	16.9	13.9	15.2	22.4	17.8	19.8	15.7	13.2	14.4
21	13.1	7.6	10.1	18.4	13.3	15.5	22.2	17.3	19.7	14.8	11.5	13.4
22	11.5	6.9	9.1	13.7	8.2	10.8	19.5	15.9	18.2	16.0	12.5	14.1
23	11.2	5.3	8.1	13.8	5.7	9.4	18.7	13.0	15.9	16.6	11.6	14.2
24	11.7	5.2	8.3	15.2	6.6	10.7	18.7	14.2	16.5	17.7	12.4	15.2
25	12.4	5.7	8.9	16.8	9.4	13.1	19.9	15.8	17.5	18.6	13.8	16.4
26	11.7	7.2	9.3	15.5	13.0	14.1	15.8	13.2	14.3	19.3	15.8	17.6
27	7.2	3.4	5.2	16.8	10.5	13.1	15.6	13.6	14.6	20.1	16.7	18.4
28	7.5	1.2	4.0	16.1	7.9	11.7	19.9	15.4	17.4	20.4	16.7	18.6
29	---	---	---	17.8	9.5	14.1	20.3	16.4	18.2	20.2	16.7	18.5
30	---	---	---	15.6	14.3	14.9	16.4	14.0	14.9	19.9	17.0	18.5
31	---	---	---	16.5	13.9	15.1	---	---	---	21.7	17.9	19.6
MONTH	14.8	1.2	8.2	18.9	1.4	11.5	22.6	8.9	16.2	21.7	11.5	17.1

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:25 By ceoberst
APPROVED
DD #3, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.5	18.3	20.4	25.1	20.3	22.2	24.7	21.5	23.0	22.4	20.2	21.1
2	23.0	18.9	20.9	22.8	20.1	21.4	24.7	21.7	22.9	22.5	20.0	21.2
3	23.5	19.5	21.4	23.3	20.8	21.9	25.2	22.0	23.3	22.9	19.6	21.2
4	23.6	20.4	21.9	23.0	20.6	21.9	24.5	20.9	22.7	23.7	20.1	21.8
5	23.4	20.9	22.1	23.9	20.8	22.3	24.9	20.9	22.8	23.9	20.6	22.2
6	23.2	20.5	21.7	24.4	21.3	22.8	25.6	21.7	23.5	23.9	21.1	22.2
7	22.9	20.3	21.6	24.1	21.6	22.6	24.3	21.7	23.0	22.8	19.7	21.2
8	22.4	19.9	21.1	24.1	21.5	22.6	23.5	19.6	21.6	22.5	19.4	20.8
9	21.8	17.9	19.7	23.4	19.9	21.7	22.7	19.1	21.0	22.2	18.1	20.1
10	21.6	16.9	19.2	23.9	21.2	22.5	23.0	19.3	21.0	22.3	17.8	20.0
11	21.9	17.3	19.5	23.4	21.4	22.3	22.6	18.9	20.7	22.1	17.9	20.1
12	22.1	17.4	19.8	22.1	20.3	20.8	26.7	18.8	22.2	22.1	19.4	20.6
13	22.8	18.5	20.6	20.9	20.0	20.4	22.7	19.5	21.2	22.1	19.7	20.6
14	21.3	19.4	20.6	23.4	20.5	21.7	23.6	20.4	21.9	22.9	21.5	21.9
15	21.1	17.7	19.3	24.2	21.0	22.4	24.4	21.2	22.7	21.7	20.9	21.2
16	20.0	16.2	18.3	24.1	20.9	22.5	24.0	22.0	22.9	23.0	20.0	21.4
17	21.5	17.2	19.3	24.0	21.4	22.7	24.0	22.0	22.9	22.2	20.9	21.5
18	21.4	17.3	19.4	24.7	21.3	22.9	24.2	21.2	22.6	23.3	21.5	22.4
19	21.7	18.5	20.0	24.0	21.1	22.8	24.1	20.7	22.3	22.0	21.2	21.7
20	22.3	18.8	20.4	24.3	21.6	22.9	24.5	20.6	22.5	22.7	21.2	21.8
21	21.6	18.4	19.9	25.2	21.4	23.2	24.6	21.6	23.1	23.7	21.7	22.4
22	20.7	18.8	19.8	24.2	21.6	22.9	23.9	21.7	22.9	22.9	21.4	22.2
23	21.8	19.8	20.7	24.8	21.7	23.0	24.7	21.5	23.1	22.3	20.9	21.5
24	22.4	19.7	21.0	23.1	21.3	22.3	25.2	21.6	23.3	21.2	20.3	20.7
25	22.7	20.6	21.5	23.3	21.3	22.2	24.8	22.1	23.3	20.3	17.6	18.9
26	22.5	20.7	21.4	24.0	21.6	22.6	23.8	21.3	22.7	19.5	17.6	18.2
27	23.5	20.6	21.8	24.1	21.6	22.8	23.0	21.1	22.0	20.9	19.5	20.5
28	22.1	20.5	21.2	25.0	21.7	23.3	22.7	21.2	21.9	21.0	18.8	20.1
29	23.6	20.2	21.8	25.5	21.8	23.5	22.6	20.9	21.6	20.4	19.4	19.9
30	24.1	20.8	22.4	25.7	22.3	23.9	21.9	21.0	21.4	20.7	19.5	20.0
31	---	---	---	24.6	22.3	23.2	21.5	20.7	21.1	---	---	---
MONTH	24.1	16.2	20.6	25.7	19.9	22.5	26.7	18.8	22.4	23.9	17.6	21.0
YEAR	26.7	0.3	15.1									

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:04 By ceoberst
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DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:04 By ceoberst
APPROVED
DD #6, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	14	8.5	11
18	---	---	---	---	---	---	---	---	---	19	7.9	11
19	---	---	---	---	---	---	---	---	---	102	9.7	12
20	---	---	---	---	---	---	---	---	---	26	8.6	12
21	---	---	---	---	---	---	---	---	---	17	8.2	11
22	---	---	---	---	---	---	---	---	---	27	9.5	13
23	---	---	---	---	---	---	---	---	---	14	8.4	9.9
24	---	---	---	---	---	---	---	---	---	20	8.2	9.6
25	---	---	---	---	---	---	---	---	---	39	12	18
26	---	---	---	---	---	---	---	---	---	16	8.4	11
27	---	---	---	---	---	---	---	---	---	14	8.4	10
28	---	---	---	---	---	---	---	---	---	252	7.9	47
29	---	---	---	---	---	---	---	---	---	731	27	80
30	---	---	---	---	---	---	---	---	---	28	14	19
31	---	---	---	---	---	---	---	---	---	61	10	14
MAX	---	---	---	---	---	---	---	---	---	731	27	80
MIN	---	---	---	---	---	---	---	---	---	14	7.9	9.6

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 11:04 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	>1100	32	885	>1100	173	349	---	---	---	70	7.1	27
2	>1100	79	222	>1100	100	186	---	---	---	17	7.4	10
3	>1100	39	73	>1100	174	531	119	29	39	15	6.9	8.9
4	>1100	43	81	853	120	209	38	21	30	1840	12	91
5	>1100	56	114	133	59	91	34	17	23	33	12	19
6	>1100	32	54	69	42	52	141	19	54	18	9.5	13
7	709	65	130	50	33	39	238	20	69	67	9.7	14
8	70	35	50	43	24	31	>1100	15	21	23	8.1	12
9	55	27	37	134	22	27	58	16	25	14	6.5	8.9
10	35	21	28	90	20	32	46	15	18	23	6.5	8.4
11	36	18	24	116	18	23	48	16	20	62	6.2	9.5
12	563	17	24	83	15	22	169	23	62	558	6.7	12
13	>1100	27	57	41	14	18	>1100	149	617	258	9.5	18
14	>1100	35	60	24	13	16	>1100	118	263	19	6.6	9.1
15	82	28	38	23	12	15	136	57	85	11	<5.0	7.3
16	255	26	45	25	13	16	136	40	56	9.1	<5.0	5.3
17	42	19	24	26	11	15	87	34	39	9.9	<5.0	<5.0
18	59	16	22	44	12	18	41	24	31	38	<5.0	5.7
19	48	16	22	32	16	20	30	19	25	123	5.9	9.6
20	64	20	36	37	14	18	26	15	18	122	12	29
21	62	20	41	21	11	14	63	16	23	18	<5.0	8.1
22	>1100	23	37	24	11	14	34	16	24	13	<5.0	6.5
23	345	29	49	23	10	14	---	---	---	338	<5.0	8.1
24	32	17	23	440	11	26	---	---	---	>2200	77	283
25	29	14	18	>1100	61	659	---	---	---	136	34	63
26	26	14	18	410	101	149	---	---	---	46	19	26
27	>1100	14	18	118	47	66	---	---	---	28	15	19
28	>1100	198	346	882	35	58	17	8.4	12	20	11	14
29	226	47	69	>1100	29	38	20	8.2	11	30	8.7	11
30	>1100	42	129	162	37	56	16	7.1	9.9	19	6.6	9.5
31	---	---	---	>1100	37	420	12	6.7	8.1	---	---	---
MAX	>1100	198	885	>1100	174	659	>1100	149	617	>2200	77	283
MIN	26	14	18	21	10	14	12	6.7	8.1	9.1	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 9.1
MIN MAXIMUM 198 MINIMUM <5.0
MEDIAN MAXIMUM 885 MINIMUM <5.0

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 12:10 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18	6.1	8.3	---	---	---	7.3	<5.0	5.2	16	7.6	9.9
2	21	5.4	7.0	---	---	---	9.0	<5.0	5.0	16	7.8	9.9
3	---	---	---	---	---	---	---	---	---	72	7.8	13
4	---	---	---	---	---	---	---	---	---	39	6.5	10
5	---	---	---	---	---	---	14	<5.0	5.7	16	6.7	9.3
6	290	7.7	68	---	---	---	397	<5.0	7.2	605	11	118
7	34	7.0	11	---	---	---	31	5.3	9.6	73	18	28
8	19	6.0	8.7	---	---	---	12	<5.0	6.6	36	13	18
9	13	5.0	6.8	---	---	---	12	<5.0	6.3	29	11	15
10	---	---	---	---	---	---	147	<5.0	44	34	9.1	15
11	---	---	---	---	---	---	92	12	24	30	9.3	12
12	12	5.2	6.9	---	---	---	25	7.3	11	25	8.6	12
13	14	5.5	7.1	---	---	---	339	8.7	23	18	7.8	11
14	49	6.8	25	18	<5.0	<5.0	66	14	29	25	8.9	11
15	22	6.1	13	18	<5.0	5.8	18	7.9	13	20	7.4	11
16	22	<5.0	7.9	5.2	<5.0	<5.0	17	6.2	9.9	51	7.3	11
17	34	<5.0	6.7	5.2	<5.0	<5.0	>2200	7.3	11	34	7.3	11
18	33	<5.0	<5.0	6.7	<5.0	<5.0	960	67	124	31	7.5	9.5
19	25	<5.0	<5.0	6.0	<5.0	<5.0	80	31	45	>2200	7.9	238
20	<5.0	<5.0	<5.0	7.5	<5.0	<5.0	43	18	27	573	91	194
21	34	<5.0	<5.0	12	<5.0	<5.0	34	16	22	2080	76	231
22	456	<5.0	8.7	5.9	<5.0	<5.0	36	14	19	159	53	83
23	22	<5.0	<5.0	177	<5.0	<5.0	286	16	46	998	93	181
24	28	<5.0	5.2	98	8.0	15	271	30	54	1680	81	222
25	9.3	<5.0	<5.0	16	6.1	8.7	45	17	23	1680	98	212
26	11	<5.0	<5.0	9.1	<5.0	5.4	34	11	17	118	54	79
27	---	---	---	8.6	<5.0	<5.0	22	9.7	14	59	35	45
28	---	---	---	6.4	<5.0	<5.0	28	10	13	41	26	32
29	---	---	---	9.3	<5.0	<5.0	22	9.4	13	200	19	31
30	---	---	---	21	<5.0	8.3	18	8.3	11	63	22	30
31	---	---	---	---	---	---	25	8.7	11	42	21	27
MAX	456	7.7	68	177	8.0	15	>2200	67	124	>2200	98	238
MIN	<5.0	<5.0	<5.0	5.2	<5.0	<5.0	7.3	<5.0	5.0	16	6.5	9.3

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 12:10 By ceoberst
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DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	44	19	27	17	<5.0	7.0	150	41	68	>2200	14	237
2	34	18	25	1320	5.2	295	192	27	36	447	18	33
3	30	15	19	252	66	124	99	20	29	>2200	19	242
4	31	15	20	75	29	43	38	13	18	>2200	98	393
5	34	16	21	40	20	28	22	10	15	213	61	102
6	807	16	162	36	14	19	19	8.9	13	84	34	51
7	321	66	126	25	11	16	18	8.3	12	---	---	---
8	94	40	58	24	7.9	12	16	7.8	10	---	---	---
9	48	29	35	65	6.6	13	19	7.4	10	---	---	---
10	44	22	27	35	8.4	14	16	5.7	10	1660	59	123
11	40	20	25	17	6.6	9.5	18	5.4	8.4	67	24	43
12	36	16	22	396	7.2	106	160	5.4	14	45	20	27
13	35	18	22	1260	96	189	50	10	19	>2200	17	28
14	31	11	20	116	24	38	34	6.0	9.6	626	52	80
15	24	8.0	14	46	16	24	24	<5.0	8.6	63	26	37
16	36	8.6	14	32	11	19	10	<5.0	6.7	51	21	28
17	26	8.8	13	27	9.2	16	17	<5.0	7.0	89	14	22
18	21	7.4	11	26	10	16	18	<5.0	6.0	1220	35	94
19	26	6.5	11	30	7.0	15	16	<5.0	6.7	42	<5.0	17
20	77	12	24	48	7.1	14	18	<5.0	7.4	66	10	18
21	29	11	18	191	25	82	9.8	<5.0	5.0	54	11	18
22	23	8.3	12	35	11	18	12	<5.0	6.4	66	14	20
23	29	5.2	9.4	23	8.1	12	32	<5.0	6.3	34	14	18
24	16	5.8	8.1	19	4.7	10	93	<5.0	11	33	7.6	18
25	19	<5.0	8.1	21	5.2	9.6	216	6.1	38	59	11	17
26	27	6.4	13	334	7.1	24	22	<5.0	9.4	40	9.0	15
27	36	5.6	8.4	158	13	22	19	<5.0	8.1	41	9.4	16
28	55	4.7	7.5	36	7.5	14	24	<5.0	7.9	29	9.1	14
29	---	---	---	31	<5.0	10	25	<5.0	7.5	27	8.7	14
30	---	---	---	>2200	9.1	775	35	<5.0	10	24	9.3	14
31	---	---	---	1050	108	189	---	---	---	39	8.5	13
MAX	807	66	162	>2200	108	775	216	41	68	>2200	98	393
MIN	16	4.7	7.5	17	4.7	7.0	9.8	<5.0	5.0	24	<5.0	13

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340757 LONGITUDE 0840412 NAD27 DRAINAGE AREA 9.34 CONTRIBUTING DRAINAGE AREA 9.34 DATUM 920.00 NGVD29
Date Processed: 2003-03-14 12:10 By ceoberst
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TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	60	6.6	14	>2200	6.4	15	68	8.0	11	30	8.9	14
2	39	7.0	14	1510	112	251	855	8.8	14	31	8.3	14
3	28	6.4	12	>2200	85	300	---	---	---	34	8.3	16
4	127	6.4	13	345	42	70	---	---	---	42	6.3	17
5	263	14	46	60	24	34	---	---	---	34	8.6	21
6	>2200	17	66	44	17	26	8.1	<5.0	<5.0	20	<5.0	7.0
7	406	30	56	37	14	19	9.9	<5.0	<5.0	9.0	<5.0	5.3
8	40	16	22	34	9.2	14	8.2	<5.0	<5.0	9.0	<5.0	<5.0
9	48	8.3	16	26	7.8	12	9.0	<5.0	<5.0	9.8	<5.0	<5.0
10	21	8.2	13	43	7.6	12	9.9	<5.0	<5.0	14	<5.0	<5.0
11	20	8.0	13	41	8.6	16	5.0	<5.0	<5.0	9.9	<5.0	<5.0
12	21	7.4	12	25	8.0	13	350	<5.0	21	8.2	<5.0	<5.0
13	44	6.1	11	42	8.1	16	19	<5.0	8.2	1760	<5.0	<5.0
14	70	6.2	13	25	7.3	16	18	<5.0	5.4	>2200	157	557
15	33	<5.0	<5.0	21	7.8	12	17	<5.0	<5.0	390	110	212
16	9.7	<5.0	<5.0	---	---	---	31	<5.0	<5.0	120	30	52
17	10	<5.0	5.1	18	5.6	8.4	41	5.4	20	35	14	21
18	12	<5.0	5.0	19	5.2	8.1	42	5.0	8.8	1210	21	284
19	17	<5.0	9.0	10	5.6	7.3	37	5.2	9.7	116	38	71
20	29	<5.0	7.4	19	6.0	9.5	38	8.7	18	71	23	41
21	14	<5.0	5.7	17	5.3	7.2	---	---	---	1260	60	243
22	19	<5.0	7.2	14	<5.0	6.6	---	---	---	---	---	---
23	343	5.4	40	9.2	<5.0	6.5	14	<5.0	<5.0	---	---	---
24	29	<5.0	11	13	<5.0	5.9	16	<5.0	5.3	---	---	---
25	14	<5.0	7.2	16	<5.0	6.2	8.5	<5.0	<5.0	---	---	---
26	13	<5.0	6.3	14	<5.0	5.9	1600	<5.0	<5.0	1180	69	164
27	21	<5.0	6.6	10	<5.0	6.1	398	22	66	416	65	183
28	12	<5.0	5.4	12	<5.0	6.3	>2200	20	306	---	---	---
29	17	<5.0	8.0	12	<5.0	7.2	122	26	50	---	---	---
30	20	5.0	9.7	11	<5.0	6.2	39	16	24	34	9.8	17
31	---	---	---	99	5.0	8.2	33	15	23	---	---	---
MAX	>2200	30	66	>2200	112	300	>2200	26	306	>2200	157	557
MIN	9.7	<5.0	<5.0	9.2	<5.0	5.9	5.0	<5.0	<5.0	8.2	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 5.0
MIN MAXIMUM 157 MINIMUM 4.7
MEDIAN MAXIMUM 775 MINIMUM <5.0

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02334480 RICHLAND CREEK ON SUWANEE DAM ROAD, NEAR BUFORD, GA

LOCATION.—Lat 34°07'57", long 84°04'12" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, at concrete box culvert on Suwanee Dam Road near Buford, 7.0 miles south of Buford Dam, and 1.25 river miles from the confluence of the Chattahoochee River.

DRAINAGE AREA.—9.34 mi^2.

COOPERATION.— Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—May 17, 2001 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)		
JUL													
25-25	0415	.96	29	--	7.8	91	6.6	38	22.8	64	1640		
AUG													
29...	1217	.38	6.3	12	8.1	93	7.3	85	22.2	93	24		
SEP													
03-03	2220	.42	7.5	400	8.1	91	7.2	77	21.0	78	362		

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
JUL													
25-25	0415	.96	29	1100	6.6	45	1000	130	37	2.3	.290	2.6	<.02
AUG													
29...	1217	.38	6.3	10	7.6	85	3	--	61	<.20	.770	--	<.020
SEP													
03-03	2220	.42	7.5	120	7.3	80	157	--	54	.60	1.00	1.6	<.020

02334480 RICHLAND CREEK ON SUWANEE DAM ROAD, NEAR BUFORD, GA—continued.

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL					
25-25	.66	1.8	E28000k	64	1640
AUG					
29...	<.020	1.3	110	93	24
SEP					
03-03	.140	2.4	28000	78	362

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT												
01...	1050	.38	6.3	9.8	9.3	90	7.2	84	--	14.0	94	24
24...	1400	.37	5.4	--	8.5	90	7.0	80	--	16.7	--	23
DEC												
04...	1304	.38	5.9	--	10.5	96	7.2	82	22.0	10.5	--	--
DEC												
17-17	1832	1.31	65	--	9.6	95	--	59	--	12.8	--	--
FEB												
06-06	1710	1.44	94	410	12.3	--	6.6	46	--	5.5	34	1260
FEB												
06-06	1730	1.47	97	480	12.3	97	6.6	51	--	5.5	--	--
14...	1505	.53	12	10	11.0	100	7.0	74	10.3	10.1	81	40
14...	1515	.52	11	14	11.0	100	7.0	73	10.3	10.1	--	--
MAR												
12-12	1229	1.03	48	280	10.9	95	6.9	57	--	9.4	--	--
JUN												
12...	1027	.39	5.9	14	8.7	95	6.5	83	24.0	18.8	85	21
JUN												
23-23	1026	.57	13	220	8.6	97	6.4	64	28.0	20.2	82	185
AUG												
14...	1410	.29	2.6	6.9	7.8	92	7.0	92	26.0	23.3	92	3.0
AUG												
26-26	1823	.55	12	380	6.9	84	6.7	92	--	23.2	88	271
SEP												
25-25	1340	.65	17	220	8.4	93	6.9	80	--	18.8	90	180

02334480 RICHLAND CREEK ON SUWANEE DAM ROAD, NEAR BUFORD, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
01...	1050	.38	6.3	11	7.6	87	2	--	58	--	<.20	--	.810
24...	1400	.37	5.4	5.1	E7.5c	88	4	--	59	--	E.40c	--	.570
DEC													
04...	1235	.38	6.3	3.9	7.8	89	E5c	E1c	52	E.038c	<.20c	.54	.560
DEC													
17-17	1840	1.42	78	1400	7.1	68	1530	212	45	.071	5.3	.43	.470
FEB													
06-06	1710	1.44	94	410	6.9	41	384	52	34	.073	1.5	.37	.420
14...	1505	.53	12	12	7.2	79	10	2	51	.047	.40	.45	.460
MAR													
12-12	1207	1.04	48	210	7.0	60	218	31	39	.077	1.4	.51	.560
APR													
18...	0930	.48	11	7.8	7.2	78	5	<1	50	.022	<.20	.30	.310
JUN													
12...	1005	.39	5.9	12	7.4	85	10	2	52	.118	.30	.66	.670
JUN													
23-23	1015	.57	13	170	7.2	67	128	20	47	.012	.60	.66	.670
AUG													
14...	1355	.29	2.6	8.0	7.3	93	3	<1	56	.062	<.20	1.20	1.20
14...	1356	.29	2.6	--	7.5	74	<10	<10	73	E.008	--	.119	--
AUG													
26-26	1810	.54	11	340	6.9	100	356	51	70	.327	1.8	.90	.930
SEP													
25-25	1325	.65	65	170	7.3	80	170	22	55	.046	.50	.60	.590

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
01...	--	<.02	<.02	1.9	130	94	24
24...	--	<.02c	<.02c	1.9	40	--	23
DEC							
04...	--	E.02c	E.03c	3.1	130	96	20
DEC							
17-17	5.8	.03	1.50	4.8	8000	50	3330
FEB							
06-06	1.9	.02	.52	3.4	4900	34	1260
14...	.86	.03	.05	5.6	E14k	81	40
MAR							
12-12	2.0	<.02	.37	2.7	3000	--	--
APR							
18...	--	<.02	<.02	1.4	85	88	24
JUN							
12...	.97	<.02	.02	1.8	87	93	20
JUN							
23-23	1.3	.02	.23	2.4	2000k	--	--
AUG							
14...	--	.02	.05	1.2	71	84	5.0
14...	--	.005	.022	1.4	--	--	--
AUG							
26-26	2.7	.03	.38	8.6	11500	84	380
SEP							
25-25	1.1	.03	.15	2.7	5500	90	200

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

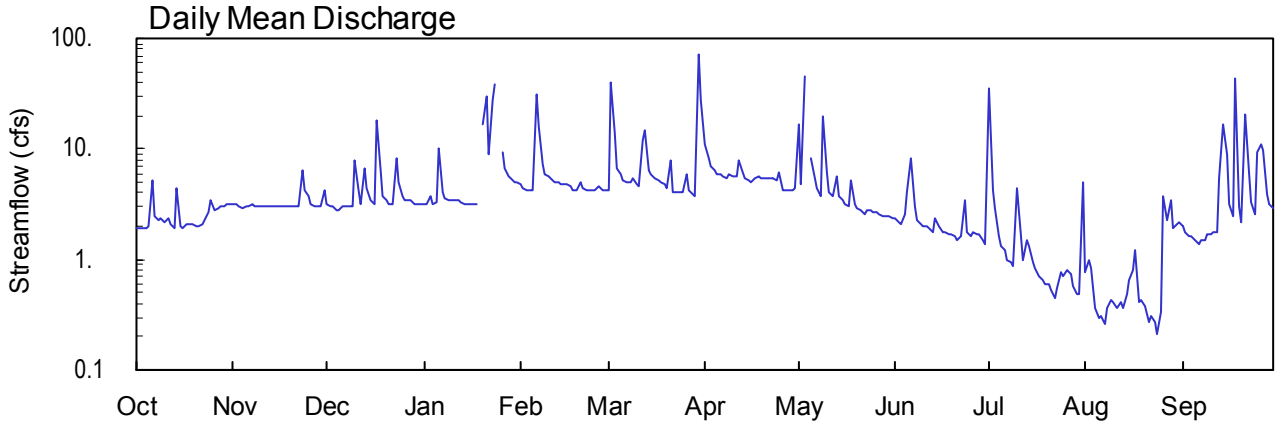
APALACHICOLA RIVER BASIN

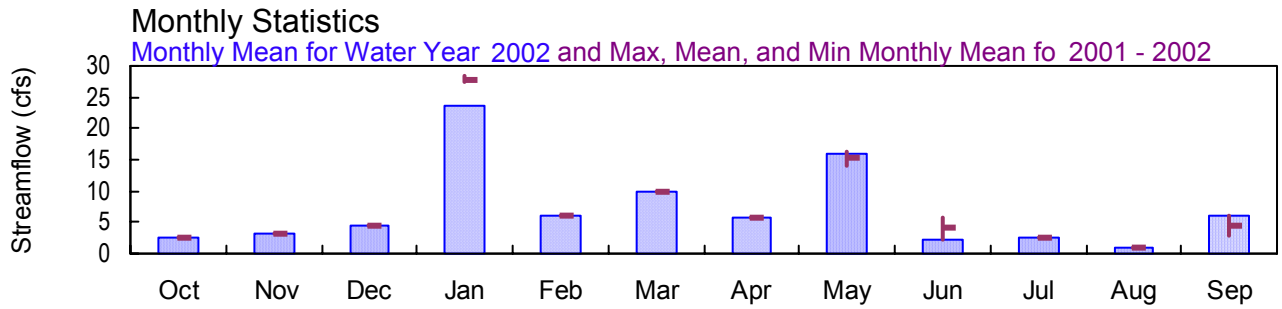
2002 Water Year

02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA

Latitude: 34°05'47" Longitude: 84°04'47" Hydrologic Unit Code: 03130001 Gwinnett County

Drainage Area: 5.1 mi^2 Datum: 985.00 feet





APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA

LOCATION.—Lat 34°05'47", long 84°04'43" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, 20.0 feet upstream of the culvert on Suwanee Dam Road, 2.4 miles upstream from the confluence with the Chattahoochee River.

DRAINAGE AREA.—5.10 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 10, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 985.00 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records fair, except periods of estimated discharge, which are poor.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 10, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 985.00 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records fair.

EXTREMES FOR 2001 WATER YEAR.—Maximum gage-height recorded, 12.16 feet, July 25, 2001; minimum gage-height recorded, 3.29 feet, May 27, 2001.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.24 feet, May 4; minimum gage-height recorded, 3.28 feet, August 21, 24, September 4.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 10, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10* DATUM 985 NGVD29
Date Processed: 2003-03-12 08:50 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	3.1	3.1	3.2	4.8	4.2	11	17	2.4	36	0.78	2.0
2	1.9	3.1	3.0	3.2	4.5	40	8.1	4.8	2.2	4.2	1.0	1.8
3	1.9	3.0	3.0	3.8	4.3	14	7.0	46	2.1	2.9	0.83	1.6
4	1.9	2.9	2.8	3.2	4.3	6.8	6.3	---	2.6	1.6	0.37	1.6
5	2.0	3.0	2.8	3.3	4.2	5.8	6.0	8.2	4.0	1.3	0.30	1.5
6	5.2	3.0	3.0	10	31	5.3	5.8	5.4	8.2	1.2	0.31	1.4
7	2.5	3.1	3.0	4.1	16	5.1	5.7	4.4	3.0	1.0	0.26	1.5
8	2.3	3.0	3.0	3.6	7.3	4.9	5.5	3.8	2.3	0.95	0.36	1.5
9	2.4	3.0	3.0	3.5	6.0	5.4	5.8	20	2.1	0.86	0.43	1.7
10	2.2	3.0	7.8	3.5	5.6	4.8	5.7	6.1	2.0	4.5	0.41	1.7
11	2.4	3.0	4.2	3.4	5.3	4.6	5.6	4.1	2.0	1.6	0.36	1.8
12	2.1	3.0	3.1	3.4	5.0	12	8.0	3.7	1.9	1.0	0.41	1.8
13	1.9	3.0	6.6	3.3	5.0	15	6.1	5.7	1.8	1.5	0.37	5.4
14	4.4	3.0	4.4	3.2	4.7	6.4	5.4	3.7	2.4	1.3	0.49	17
15	2.0	3.0	3.4	3.2	4.7	5.8	5.2	3.4	2.0	0.96	0.64	9.1
16	1.9	3.0	3.2	3.2	4.7	5.4	5.0	3.1	1.8	0.84	0.79	3.1
17	2.1	3.0	18	3.2	4.6	5.3	5.5	3.0	1.8	0.72	1.2	2.5
18	2.1	3.0	6.5	3.2	4.3	5.1	5.6	5.2	1.7	0.64	0.42	43
19	2.1	3.0	3.8	---	4.3	4.7	5.4	3.1	1.7	0.61	0.43	3.0
20	2.0	3.0	3.4	17	5.0	4.4	5.4	2.9	1.6	0.60	0.38	2.2
21	2.0	3.0	3.2	30	4.5	7.8	5.4	2.8	1.5	0.52	0.27	21
22	2.1	3.0	3.2	9.1	4.3	4.1	5.4	2.6	1.6	0.44	0.31	6.0
23	2.3	6.4	8.3	27	4.3	4.0	5.4	2.8	3.4	0.56	0.27	3.3
24	2.7	4.3	4.9	39	4.3	4.0	5.3	2.8	1.8	0.78	0.21	2.6
25	3.5	3.8	3.7	---	4.3	4.0	6.2	2.7	1.6	0.72	0.33	9.4
26	2.8	3.1	3.5	9.3	4.6	6.0	4.3	2.7	1.8	0.81	3.8	11
27	2.9	3.0	3.5	6.6	4.2	4.3	4.3	2.6	1.7	0.74	2.3	9.6
28	3.0	3.0	3.4	5.7	4.2	3.9	4.2	2.5	1.7	0.58	3.4	3.9
29	3.0	3.0	3.2	5.4	---	3.7	4.2	2.5	1.5	0.48	1.9	3.2
30	3.1	4.2	3.2	5.1	---	e73	4.5	2.5	1.4	0.48	2.1	2.9
31	3.1	---	3.2	4.9	---	e28	---	2.4	---	5.1	2.2	---
TOTAL	77.7	97.0	134.4	---	170.3	307.8	173.3	---	67.6	75.49	27.63	178.1
MEAN	2.51	3.23	4.34	---	6.08	9.93	5.78	---	2.25	2.44	0.89	5.94
MAX	5.2	6.4	18	---	31	73	11	---	8.2	36	3.8	43
MIN	1.9	2.9	2.8	---	4.2	3.7	4.2	---	1.4	0.44	0.21	1.4
AC-FT	154	192	267	---	338	611	344	---	134	150	55	353
CFSM	0.49	0.63	0.85	---	1.19	1.95	1.13	---	0.44	0.48	0.17	1.16
IN.	0.57	0.71	0.98	---	1.24	2.25	1.26	---	0.49	0.55	0.20	1.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	2.51	3.23	4.34	---	6.08	9.93	5.78	---	3.99	2.44	0.89	4.47
MAX	2.51	3.23	4.34	---	6.08	9.93	5.78	---	5.73	2.44	0.89	5.94
(WY)	2002	2002	2002	---	2002	2002	2002	---	2001	2002	2002	2002
MIN	2.51	3.23	4.34	---	6.08	9.93	5.78	---	2.25	2.44	0.89	3.01
(WY)	2002	2002	2002	---	2002	2002	2002	---	2002	2002	2002	2001

SUMMARY STATISTICS WATER YEARS 2001 - 2002

LOWEST DAILY MEAN	0.21	Aug 24 2002
ANNUAL SEVEN-DAY MINIMUM	0.31	Aug 19 2002
MAXIMUM PEAK STAGE	12.16	Jul 25 2001
INSTANTANEOUS LOW FLOW	0.12	Aug 21 2002

e Estimated

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10* DATUM 985 NGVD29
Date Processed: 2003-03-12 08:50 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.47	3.52	3.49	3.50	3.55	3.54	3.70	3.74	3.49	3.87	3.44	3.43
2	3.47	3.52	3.49	3.50	3.54	4.11	3.63	3.53	3.48	3.57	3.45	3.42
3	3.47	3.51	3.49	3.52	3.54	3.77	3.60	4.09	3.48	3.52	3.44	3.41
4	3.47	3.51	3.48	3.50	3.54	3.62	3.58	4.64	3.49	3.48	3.42	3.41
5	3.48	3.51	3.48	3.50	3.54	3.59	3.57	3.67	3.54	3.47	3.41	3.40
6	3.58	3.51	3.49	3.68	3.97	3.57	3.56	3.60	3.63	3.46	3.41	3.40
7	3.49	3.52	3.49	3.53	3.81	3.56	3.56	3.56	3.51	3.46	3.41	3.40
8	3.49	3.51	3.49	3.52	3.63	3.56	3.55	3.54	3.49	3.45	3.42	3.40
9	3.49	3.51	3.49	3.51	3.60	3.57	3.56	3.78	3.48	3.45	3.42	3.41
10	3.48	3.51	3.63	3.51	3.58	3.55	3.56	3.61	3.47	3.54	3.42	3.41
11	3.49	3.51	3.53	3.51	3.57	3.55	3.55	3.55	3.47	3.48	3.42	3.42
12	3.48	3.51	3.50	3.51	3.56	3.73	3.62	3.54	3.47	3.46	3.42	3.41
13	3.47	3.51	3.60	3.50	3.56	3.78	3.57	3.59	3.47	3.48	3.42	3.50
14	3.56	3.51	3.54	3.50	3.55	3.61	3.54	3.54	3.49	3.46	3.43	3.76
15	3.48	3.51	3.51	3.50	3.55	3.59	3.54	3.53	3.47	3.45	3.44	3.64
16	3.47	3.51	3.50	3.50	3.55	3.58	3.53	3.52	3.47	3.45	3.45	3.46
17	3.48	3.51	3.73	3.50	3.55	3.57	3.55	3.51	3.46	3.44	3.46	3.44
18	3.48	3.51	3.61	3.50	3.54	3.56	3.55	3.59	3.46	3.44	3.42	4.04
19	3.48	3.51	3.52	4.77	3.54	3.55	3.55	3.51	3.46	3.44	3.42	3.49
20	3.48	3.51	3.51	3.82	3.56	3.54	3.55	3.51	3.46	3.44	3.42	3.46
21	3.48	3.51	3.50	3.99	3.54	3.63	3.55	3.50	3.45	3.43	3.41	3.82
22	3.48	3.51	3.50	3.68	3.54	3.53	3.55	3.50	3.45	3.42	3.41	3.59
23	3.49	3.60	3.64	3.96	3.54	3.53	3.54	3.50	3.52	3.43	3.41	3.50
24	3.50	3.54	3.56	4.04	3.54	3.53	3.54	3.50	3.46	3.44	3.40	3.48
25	3.53	3.52	3.52	4.33	3.54	3.53	3.56	3.50	3.46	3.44	3.41	3.65
26	3.50	3.49	3.51	3.69	3.55	3.59	3.51	3.50	3.46	3.45	3.50	3.69
27	3.51	3.49	3.51	3.62	3.54	3.54	3.51	3.50	3.46	3.44	3.44	3.68
28	3.51	3.49	3.51	3.59	3.54	3.53	3.51	3.49	3.46	3.43	3.47	3.53
29	3.51	3.49	3.50	3.57	---	3.52	3.51	3.49	3.45	3.43	3.42	3.50
30	3.52	3.53	3.50	3.56	---	---	3.51	3.49	3.45	3.43	3.43	3.49
31	3.51	---	3.50	3.56	---	---	---	3.49	---	3.54	3.43	---
MEAN	3.49	3.51	3.53	3.66	3.58	---	3.56	3.60	3.48	3.47	3.43	3.52
MAX	3.58	3.60	3.73	4.77	3.97	---	3.70	4.64	3.63	3.87	3.50	4.04
MIN	3.47	3.49	3.48	3.50	3.54	---	3.51	3.49	3.45	3.42	3.40	3.40

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10* DATUM 985 NGVD29
Date Processed: 2003-03-12 08:50 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.03	0.00	0.0	1.02	0.00	1.47	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.79	0.01	0.01	0.00	0.17	0.28	0.00
3	0.00	0.00	0.00	0.00	0.02	0.25	0.00	1.65	0.00	0.02	0.00	0.00
4	0.00	0.00	0.01	0.18	0.00	0.00	0.00	0.70	0.71	0.00	0.00	0.00
5	0.08	0.00	0.00	0.00	0.00	0.0	0.00	---	0.06	0.00	0.00	0.00
6	0.60	0.00	0.00	0.50	1.46	0.0	0.00	---	0.07	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.07	0.00	0.00	---	0.00	0.01	0.00	0.00
8	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.13	0.05	1.05	0.00	0.00	0.00	0.00
10	0.00	0.00	0.89	0.00	0.01	0.0	0.00	0.01	0.00	0.59	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
12	0.01	0.00	0.01	0.02	0.00	0.79	0.53	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.47	0.01	0.00	0.26	0.04	0.23	0.00	0.27	0.00	1.14
14	0.51	0.00	0.13	0.00	0.00	0.00	0.02	0.00	0.23	0.00	0.00	1.02
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
17	0.00	0.00	1.16	0.00	0.00	0.03	0.00	0.29	0.00	0.00	0.32	0.04
18	0.00	0.00	0.0	0.01	0.00	0.00	0.00	0.24	0.00	0.00	0.07	2.57
19	0.00	0.00	0.00	2.98	0.0	0.00	0.00	0.00	0.00	0.13	0.13	0.00
20	0.00	0.00	0.00	0.00	0.16	0.40	0.00	0.00	0.00	0.00	0.00	0.14
21	0.00	0.00	0.00	0.78	0.01	0.31	0.00	0.00	0.00	0.00	0.00	1.15
22	0.00	0.00	0.00	0.62	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.12
23	0.00	0.80	0.65	0.08	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00
24	0.00	0.14	0.00	1.56	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
25	0.29	0.10	0.00	0.10	0.00	0.00	0.43	0.00	0.00	0.01	0.18	0.97
26	0.00	0.00	0.00	0.00	0.13	0.47	0.00	0.03	0.01	0.05	0.52	0.35
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.17
28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.32	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.01	0.00	0.00	0.00	0.01	0.00
30	0.00	0.33	0.00	0.01	---	2.71	0.14	0.00	0.00	0.04	0.00	0.01
31	0.00	---	0.00	0.00	---	0.22	---	0.00	---	0.24	0.00	---
TOTAL	1.49	1.37	3.32	6.86	1.89	7.36	1.25	---	1.58	3.19	1.96	8.18

02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA

LOCATION.—Lat 34°05'47", long 84°04'43" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, 20.0 feet upstream of the culvert on Suwanee Dam Road, 2.4 miles upstream from the confluence with the Chattahoochee River.

DRAINAGE AREA.—5.10 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.—May 10, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: May 10, 2001 to current year.
WATER TEMPERATURE: May 10, 2001 to current year.
TURBIDITY:– May 10, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good, except for turbidity records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 103 microsiemens, June 29, 2002; minimum recorded, 18 microsiemens, July 25, 2001.
WATER TEMPERATURE: Maximum recorded, 25.0°C, July 30, September 21, 2002; minimum recorded, 1.2°C, January 4, 2002.
TURBIDITY: Maximum recorded, >2,200 NTU, May 9, June 6, July 10, 31, August 26, 2002; minimum recorded, 3.2 NTU, May 11, 2001.

EXTREMES FOR 2001 WATER YEAR:

SPECIFIC CONDUCTANCE: Maximum, 86 microsiemens, July 13; minimum, 18 microsiemens, July 25.
WATER TEMPERATURE: Maximum, 24.3°C, July 29, August 13; minimum, 13.1°C, September 27.
TURBIDITY: Maximum, 1,810 NTU, September 23; minimum, 3.2 NTU, May 11.

EXTREMES FOR CURRENT YEAR:

SPECIFIC CONDUCTANCE: Maximum, 103 microsiemens, June 29; minimum, 24 microsiemens, March 30.
WATER TEMPERATURE: Maximum, 25.0°C, July 30, September 21; minimum, 1.2°C, January 4.
TURBIDITY: Maximum, >2,200 NTU, May 9, June 6, July 10, 31, August 26; minimum, <5.0 NTU, on many days.

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 10:48 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 10:48 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	73	71	72
11	---	---	---	---	---	---	---	---	---	74	71	72
12	---	---	---	---	---	---	---	---	---	72	72	72
13	---	---	---	---	---	---	---	---	---	72	72	72
14	---	---	---	---	---	---	---	---	---	72	72	72
15	---	---	---	---	---	---	---	---	---	73	72	72
16	---	---	---	---	---	---	---	---	---	73	72	72
17	---	---	---	---	---	---	---	---	---	73	72	72
18	---	---	---	---	---	---	---	---	---	74	72	73
19	---	---	---	---	---	---	---	---	---	83	59	71
20	---	---	---	---	---	---	---	---	---	76	73	76
21	---	---	---	---	---	---	---	---	---	76	75	76
22	---	---	---	---	---	---	---	---	---	76	71	74
23	---	---	---	---	---	---	---	---	---	74	73	74
24	---	---	---	---	---	---	---	---	---	75	73	74
25	---	---	---	---	---	---	---	---	---	74	70	72
26	---	---	---	---	---	---	---	---	---	73	72	72
27	---	---	---	---	---	---	---	---	---	73	72	73
28	---	---	---	---	---	---	---	---	---	73	61	68
29	---	---	---	---	---	---	---	---	---	67	48	59
30	---	---	---	---	---	---	---	---	---	70	66	69
31	---	---	---	---	---	---	---	---	---	71	69	71
MONTH	---	---	---	---	---	---	---	---	---	83	48	72

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 10:48 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	69	39	50	74	55	65	69	62	66	74	71	73
2	67	49	60	79	35	73	75	69	72	74	73	73
3	74	53	65	68	33	56	78	74	76	80	52	72
4	69	57	64	74	49	62	81	76	79	66	52	60
5	71	60	67	76	69	72	82	78	80	70	66	68
6	72	45	64	78	75	77	83	78	81	72	69	71
7	71	60	67	80	77	79	85	76	80	72	71	71
8	73	71	72	83	78	80	82	79	81	72	71	71
9	74	73	73	85	79	82	82	79	81	72	71	71
10	75	73	74	85	80	83	82	79	81	72	71	72
11	75	73	74	85	79	83	83	79	81	72	71	72
12	74	58	71	85	80	83	83	41	78	72	71	72
13	71	63	68	86	79	81	59	21	46	71	71	71
14	74	71	72	79	76	77	61	22	50	71	71	71
15	74	64	73	76	75	75	71	61	66	76	71	74
16	74	72	73	75	74	74	80	70	73	74	72	72
17	73	73	73	75	73	74	73	66	67	73	71	72
18	78	73	74	74	73	74	68	67	67	75	71	73
19	74	73	73	74	73	73	68	67	67	74	71	71
20	74	73	73	74	73	73	68	67	68	73	72	72
21	74	73	73	74	73	73	69	67	68	72	72	72
22	73	50	67	74	73	73	68	68	68	73	72	72
23	70	62	67	73	72	73	68	67	68	73	47	67
24	71	70	71	73	60	71	68	68	68	61	36	50
25	73	71	71	72	18	46	70	68	69	67	57	63
26	74	71	72	64	54	60	69	68	69	70	67	69
27	72	35	68	68	64	67	72	68	70	71	70	71
28	69	46	60	71	68	69	72	71	71	72	71	71
29	78	69	75	71	46	62	73	72	73	72	71	72
30	83	39	67	68	57	64	73	72	73	72	72	72
31	---	---	---	69	32	53	73	70	72	---	---	---
MONTH	83	35	69	86	18	71	85	21	71	80	36	70
YEAR	86	18	71									

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:59 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	72	71	71	74	73	74	73	73	73	69	68	68
2	72	71	72	75	74	74	74	73	74	69	68	68
3	72	71	71	77	75	76	73	73	73	68	66	67
4	72	71	71	76	75	75	73	70	71	69	67	68
5	72	71	71	75	74	75	70	70	70	69	68	68
6	73	62	67	77	74	75	70	70	70	68	61	66
7	70	67	69	76	73	74	71	70	70	68	67	68
8	72	70	71	75	74	74	71	71	71	68	67	68
9	73	72	72	74	74	74	71	71	71	68	67	68
10	88	73	76	74	74	74	75	61	67	68	67	68
11	74	73	73	74	74	74	69	63	66	68	67	67
12	74	73	73	74	74	74	71	69	70	68	67	68
13	76	74	74	74	74	74	72	61	68	68	67	68
14	77	68	72	74	73	74	70	66	68	72	67	69
15	73	71	72	74	73	73	75	70	72	71	70	71
16	74	73	73	73	72	73	73	72	72	71	70	71
17	74	73	73	73	72	73	73	43	67	71	70	70
18	73	72	72	74	73	73	65	53	61	70	70	70
19	73	72	72	73	73	73	69	65	68	71	34	55
20	73	72	72	73	72	73	70	69	70	60	46	55
21	73	73	73	73	72	72	71	70	71	60	40	52
22	74	73	73	72	72	72	71	71	71	64	48	61
23	75	74	75	78	72	73	71	55	64	62	40	53
24	76	75	75	77	73	75	65	55	62	64	35	60
25	78	74	77	75	73	74	67	65	66	61	33	51
26	78	78	78	76	75	75	68	67	68	65	61	63
27	78	76	77	76	76	76	68	68	68	68	65	67
28	76	75	75	76	75	75	68	68	68	68	68	68
29	76	74	75	75	75	75	69	68	68	69	68	68
30	74	74	74	77	69	72	69	68	68	69	69	69
31	74	73	74	---	---	---	69	68	68	70	69	69
MONTH	88	62	73	78	69	74	75	43	69	72	33	65

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:59 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	70	70	70	70	68	69	60	53	58	69	44	58
2	71	70	71	69	37	54	65	63	64	67	62	65
3	70	70	70	63	53	59	66	65	66	---	---	---
4	71	70	70	67	63	65	67	66	66	---	---	---
5	70	69	70	68	67	68	67	66	67	---	---	---
6	69	41	58	68	67	68	67	66	67	---	---	---
7	63	46	57	68	67	68	68	66	67	---	---	---
8	69	63	66	68	67	68	67	65	66	70	68	69
9	68	67	67	69	65	68	67	66	67	70	43	65
10	68	68	68	69	67	68	69	65	67	68	57	64
11	69	68	68	69	68	69	70	67	67	71	68	70
12	69	68	69	69	56	62	69	62	66	72	71	71
13	69	68	69	65	53	59	70	64	66	72	56	69
14	70	69	69	67	65	66	68	67	68	70	66	69
15	70	69	70	70	67	69	69	67	68	72	70	70
16	70	70	70	74	69	71	69	68	69	73	70	71
17	70	69	70	71	69	70	70	68	69	78	71	72
18	70	69	70	71	70	70	70	68	69	77	62	67
19	70	69	70	72	70	71	71	69	69	71	69	70
20	71	69	70	73	71	72	70	68	69	72	71	71
21	71	69	70	71	65	67	70	69	69	73	71	72
22	70	69	70	71	69	70	70	69	69	73	71	72
23	70	69	70	72	70	71	69	68	69	72	70	71
24	70	69	69	71	69	70	69	68	68	71	70	71
25	70	68	69	71	69	70	73	68	71	71	70	71
26	70	68	69	72	64	70	72	70	71	73	70	71
27	70	69	70	73	67	71	71	69	70	72	70	71
28	70	69	70	70	68	69	70	69	69	71	70	70
29	---	---	---	71	69	70	69	68	69	72	70	71
30	---	---	---	71	24	51	70	69	69	71	70	71
31	---	---	---	53	37	46	---	---	---	71	70	71
MONTH	71	41	69	74	24	66	73	53	68	78	43	69

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:59 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	72	70	71	---	---	---	73	65	68	75	73	74
2	72	71	71	---	---	---	73	56	70	77	73	74
3	73	71	72	---	---	---	74	64	71	76	73	75
4	74	69	72	---	---	---	77	73	75	77	73	75
5	71	68	69	---	---	---	77	73	75	76	73	75
6	70	45	62	72	71	72	77	73	75	76	74	75
7	67	55	62	72	71	72	77	72	74	76	74	75
8	71	67	69	79	71	73	75	72	73	76	74	75
9	71	71	71	77	74	75	75	72	73	76	73	75
10	73	71	72	77	49	70	76	74	74	75	73	74
11	73	72	72	70	58	67	76	73	75	76	73	74
12	73	72	72	75	70	72	76	72	74	76	74	75
13	74	72	72	74	71	73	76	73	74	76	53	72
14	74	71	72	74	72	73	75	72	73	59	39	50
15	73	71	72	77	73	75	76	73	74	65	50	59
16	73	71	72	77	74	75	76	73	74	74	65	70
17	73	71	72	83	74	77	76	66	71	78	74	76
18	72	71	71	80	74	76	77	72	74	78	36	55
19	72	69	72	76	73	75	77	75	76	74	64	69
20	72	71	71	74	73	73	76	75	76	77	74	76
21	74	71	71	75	73	73	78	75	76	77	33	65
22	73	70	71	76	72	74	79	71	74	79	64	73
23	72	55	65	76	72	74	75	71	74	84	79	82
24	70	66	68	74	71	72	76	73	74	85	84	85
25	72	70	71	74	73	73	76	73	74	85	56	78
26	73	70	72	74	72	73	75	46	69	76	56	69
27	76	71	73	74	72	73	71	59	66	80	68	74
28	75	72	73	74	72	73	75	66	71	86	80	83
29	103	74	85	74	72	73	73	70	71	87	86	86
30	89	77	80	75	72	73	74	72	73	87	80	83
31	---	---	---	74	40	68	74	73	74	---	---	---
MONTH	103	45	71	83	40	73	79	46	73	87	33	73
YEAR	103	24	70									

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 10:39 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 10:39 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	18.9	15.5	17.2
11	---	---	---	---	---	---	---	---	---	19.6	15.4	17.5
12	---	---	---	---	---	---	---	---	---	19.3	16.3	17.8
13	---	---	---	---	---	---	---	---	---	18.9	15.3	17.1
14	---	---	---	---	---	---	---	---	---	18.4	13.5	16.0
15	---	---	---	---	---	---	---	---	---	19.3	14.6	16.9
16	---	---	---	---	---	---	---	---	---	20.4	15.7	18.0
17	---	---	---	---	---	---	---	---	---	21.1	16.8	18.9
18	---	---	---	---	---	---	---	---	---	21.1	16.9	19.0
19	---	---	---	---	---	---	---	---	---	20.2	17.1	18.7
20	---	---	---	---	---	---	---	---	---	19.7	18.2	18.9
21	---	---	---	---	---	---	---	---	---	20.7	18.4	19.4
22	---	---	---	---	---	---	---	---	---	19.5	16.5	18.6
23	---	---	---	---	---	---	---	---	---	18.4	14.3	16.4
24	---	---	---	---	---	---	---	---	---	18.3	14.8	16.5
25	---	---	---	---	---	---	---	---	---	18.1	16.0	16.9
26	---	---	---	---	---	---	---	---	---	18.4	14.1	16.3
27	---	---	---	---	---	---	---	---	---	19.5	15.5	17.4
28	---	---	---	---	---	---	---	---	---	19.1	17.0	18.1
29	---	---	---	---	---	---	---	---	---	20.7	18.3	19.3
30	---	---	---	---	---	---	---	---	---	20.2	16.6	18.4
31	---	---	---	---	---	---	---	---	---	19.8	17.0	18.3
MONTH	---	---	---	---	---	---	---	---	---	21.1	13.5	17.8

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 10:39 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19.7	18.4	19.1	22.5	20.9	21.7	23.0	21.4	22.2	21.3	20.6	20.9
2	19.4	17.3	18.4	23.7	20.3	21.8	22.2	21.0	21.5	21.1	20.3	20.7
3	21.1	17.1	18.8	23.5	21.2	22.1	22.4	20.7	21.5	21.4	20.4	20.8
4	20.7	18.0	19.3	22.1	21.1	21.7	22.6	21.1	21.7	21.7	20.9	21.2
5	21.0	18.9	20.0	22.6	20.3	21.3	23.0	21.3	22.0	22.4	20.4	21.4
6	23.7	18.6	20.4	22.5	19.4	20.8	22.5	21.3	21.9	22.5	20.5	21.6
7	20.7	19.4	19.9	21.4	19.4	20.5	23.0	21.1	21.9	22.5	20.7	21.5
8	20.8	18.9	19.7	22.7	20.0	21.2	23.7	21.4	22.4	22.2	20.3	21.2
9	20.2	18.5	19.3	23.5	21.1	22.1	23.6	21.7	22.7	22.2	20.4	21.3
10	20.9	17.7	19.3	23.2	20.8	22.0	24.0	21.9	22.8	22.8	20.9	21.7
11	20.8	18.7	19.6	23.6	21.2	22.4	23.6	22.0	22.7	22.7	21.2	21.8
12	20.4	19.0	19.6	23.2	21.3	22.4	24.0	22.2	22.6	22.3	20.7	21.6
13	22.4	19.2	20.6	22.8	21.7	22.1	24.3	22.7	23.4	21.4	19.2	20.4
14	22.5	19.7	21.1	22.6	20.4	21.5	23.5	21.8	22.6	21.3	19.0	20.2
15	22.3	19.7	20.9	22.0	19.6	20.8	22.9	20.9	21.9	20.2	17.3	18.5
16	22.3	20.1	21.1	21.5	19.4	20.6	23.0	21.2	22.0	18.4	15.6	17.1
17	22.1	18.3	20.3	22.4	19.3	20.9	23.2	21.3	22.2	18.5	15.7	17.1
18	22.3	19.2	20.7	22.6	20.0	21.3	23.3	21.5	22.3	18.7	15.7	17.3
19	21.7	19.2	20.4	22.9	20.4	21.6	22.9	21.2	22.0	19.1	17.3	18.1
20	21.9	18.6	20.3	22.4	21.1	21.8	22.6	21.1	21.9	20.5	18.6	19.4
21	22.2	19.1	20.7	22.1	20.9	21.5	22.2	19.3	20.8	20.0	17.1	18.7
22	21.6	19.9	20.6	22.5	19.9	21.2	21.8	19.1	20.5	20.2	17.4	18.8
23	21.2	18.8	19.9	22.7	19.7	21.3	22.1	19.7	20.9	21.3	18.0	19.6
24	20.9	17.6	19.2	23.0	21.1	21.8	22.7	20.3	21.6	20.7	18.5	20.0
25	20.8	18.5	19.5	23.6	21.7	22.6	22.5	20.6	21.5	18.5	15.5	16.9
26	21.1	18.9	19.8	23.0	21.3	22.1	22.6	20.6	21.6	16.5	13.6	15.1
27	22.2	18.9	20.4	---	---	---	22.7	20.8	21.8	16.6	13.1	14.9
28	21.7	19.7	20.8	22.2	21.0	21.4	---	---	---	16.8	13.7	15.3
29	22.3	19.9	21.0	24.3	20.9	22.3	22.4	20.9	21.5	16.5	14.5	15.5
30	24.1	20.3	21.8	23.6	21.8	22.6	22.0	21.1	21.5	16.0	13.5	14.8
31	---	---	---	23.9	22.3	23.1	21.7	20.9	21.3	---	---	---
MONTH	24.1	17.1	20.1	24.3	19.3	21.7	24.3	19.1	21.9	22.8	13.1	19.1
YEAR	24.3	13.1	20.2									

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:26 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16.4	13.3	14.9	14.7	11.0	12.8	13.9	11.1	12.4	5.5	2.9	4.2
2	16.6	13.3	15.1	15.9	12.5	14.1	13.6	10.2	11.8	4.6	3.3	4.2
3	16.9	13.7	15.4	16.9	13.9	15.0	12.9	10.3	11.5	4.8	3.1	3.8
4	17.2	14.1	15.7	15.6	12.9	14.1	12.2	8.8	10.4	4.4	1.2	2.8
5	16.6	14.7	15.7	14.4	10.9	12.6	12.4	8.5	10.4	5.1	1.6	3.4
6	17.6	14.6	16.7	12.9	9.8	11.3	13.9	10.5	12.0	5.7	4.3	5.0
7	15.1	12.6	14.0	12.6	8.5	10.5	14.3	10.9	12.6	5.9	4.5	5.4
8	14.3	12.4	13.2	13.1	9.1	11.0	15.0	12.0	13.7	5.6	3.4	4.4
9	14.1	11.8	12.9	13.5	9.7	11.4	14.4	13.0	13.6	6.9	3.1	5.0
10	15.7	12.5	14.1	13.3	9.6	11.3	13.2	10.1	11.3	9.1	5.1	7.1
11	17.1	15.2	16.1	13.0	9.1	11.0	11.9	10.1	11.0	11.0	7.7	9.5
12	18.0	16.5	17.2	13.1	10.3	11.4	12.0	11.2	11.6	7.7	5.7	6.8
13	18.9	17.4	18.1	12.0	9.5	10.7	13.0	12.0	12.5	7.9	5.1	6.3
14	19.0	16.6	18.3	12.3	8.8	10.4	15.3	12.5	13.9	7.8	4.9	6.3
15	17.1	14.6	15.9	12.5	8.7	10.5	12.6	9.8	11.3	8.3	5.5	6.8
16	---	---	---	12.4	8.4	10.3	12.1	10.1	11.1	7.6	4.4	5.9
17	12.9	10.7	11.8	12.8	8.6	10.6	---	---	---	8.4	4.1	6.2
18	13.0	9.9	11.4	13.0	9.6	11.2	---	---	---	9.6	7.1	8.2
19	13.9	10.3	12.1	12.9	9.4	11.1	11.0	8.6	10.0	8.3	6.7	7.5
20	15.2	11.6	13.4	12.9	9.5	11.3	10.3	7.7	8.9	8.5	6.1	7.3
21	16.0	12.5	14.2	10.9	8.1	9.3	8.9	6.3	7.5	9.5	6.8	8.1
22	16.8	13.5	15.0	11.4	7.3	9.2	8.7	5.7	7.2	9.2	6.2	7.9
23	17.6	14.7	16.0	12.2	9.9	11.0	9.8	7.2	8.5	9.7	7.9	8.7
24	17.3	14.7	16.0	14.3	12.2	13.3	9.6	6.5	7.8	12.2	9.7	10.9
25	17.4	13.7	16.0	16.1	13.1	14.8	7.2	4.9	6.1	11.7	9.7	10.8
26	13.7	11.3	12.6	14.6	11.4	13.1	5.7	4.0	4.8	10.5	7.8	9.2
27	11.3	9.3	10.3	16.3	13.5	14.6	5.5	3.2	4.3	10.6	7.1	8.8
28	10.7	7.6	9.1	16.1	13.1	14.5	7.4	4.0	5.7	11.8	8.1	9.9
29	11.2	7.3	9.2	16.5	14.1	15.2	9.4	6.4	7.5	13.6	9.7	11.5
30	12.1	7.9	10	16.1	13.2	15.2	6.6	4.9	5.7	14.5	11.2	12.7
31	12.5	8.8	10.7	---	---	---	5.6	4.4	5.0	15.0	12.0	13.5
MONTH	19.0	7.3	14.0	16.9	7.3	12.1	15.3	3.2	9.7	15.0	1.2	7.4

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:26 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.9	11.5	13.8	8.1	2.6	5.4	---	---	---	17.2	15.2	16.2
2	11.5	8.6	10.0	7.6	5.9	6.7	18.1	11.7	14.8	20.0	16.2	18.0
3	9.3	8.0	8.6	8.7	5.8	7.9	18.5	13.6	15.7	18.8	17.5	18.4
4	9.2	6.6	7.9	7.1	4.0	5.4	16.3	11.6	13.8	17.5	15.1	15.9
5	7.1	5.3	6.4	---	---	---	16.2	10.1	12.9	17.4	14.7	15.8
6	6.9	5.0	5.7	---	---	---	15.5	9.6	12.4	17.9	14.9	16.4
7	7.6	5.6	6.9	12.0	6.2	8.9	15.8	10.0	12.6	19.4	16.1	17.6
8	9.6	5.7	7.5	13.4	7.6	10.5	16.2	12.4	14.1	20.3	17.1	18.6
9	10.5	6.0	8.3	14.4	11.4	12.6	15.9	14.5	15.1	21.4	17.4	19.2
10	13.1	9.6	11.2	---	---	---	18.5	14.4	16.0	20.5	18.1	19.3
11	11.1	8.2	9.7	12.0	6.4	9.2	16.3	15.3	15.6	19.1	17.8	18.5
12	10.0	6.0	8.0	10.3	9.4	9.9	16.0	14.9	15.3	19.0	17.2	18.0
13	10.7	7.3	8.7	13.9	10.2	11.6	16.3	15.0	15.6	20.3	17.3	18.7
14	10.2	6.0	8.0	15.7	9.9	12.6	18.3	15.3	16.5	17.3	14.3	15.9
15	10.7	6.5	8.7	16.1	10.7	13.4	20.0	15.1	17.4	17.7	13.2	15.4
16	11.8	8.5	9.9	17.7	13.6	15.3	20.9	15.6	18.0	18.3	14.0	16.1
17	10.4	7.0	8.5	18.3	14.7	16.3	21.3	16.5	18.7	19.6	15.8	17.6
18	9.9	5.2	7.5	18.3	14.4	16.2	21.6	16.9	19.0	19.6	15.5	17.9
19	---	---	---	17.1	14.6	15.5	21.6	16.9	19.1	16.6	13.8	15.1
20	11.6	8.9	10.0	16.6	14.1	15.2	21.5	18.0	19.5	15.7	13.0	14.2
21	12.8	8.2	10.4	17.8	13.3	15.3	21.5	17.5	19.5	15.0	11.8	13.5
22	11.4	7.8	9.5	13.3	8.8	10.8	19.3	16.1	18.1	15.6	12.4	13.9
23	11.0	6.1	8.5	13.1	6.6	9.7	18.1	13.6	15.9	16.7	12.0	14.3
24	11.5	6.1	8.7	14.4	7.6	10.9	18.3	14.6	16.5	17.7	12.9	15.3
25	12.2	6.6	9.3	16.3	10.2	13.3	19.0	15.6	17.3	18.5	14.2	16.4
26	11.8	7.5	9.8	15.6	13.4	14.4	15.6	13.4	14.3	19.0	16.0	17.6
27	7.5	4.2	5.5	15.9	11.0	13.1	15.4	13.6	14.5	19.9	16.8	18.3
28	7.3	2.3	4.6	15.4	8.8	12.0	19.4	15.3	17.2	20.3	16.9	18.6
29	---	---	---	16.9	10.1	13.4	19.4	16.4	17.8	20.3	17.0	18.6
30	---	---	---	---	---	---	16.4	14.4	15.1	20.2	17.3	18.7
31	---	---	---	---	---	---	---	---	---	21.3	18.2	19.6
MONTH	14.9	2.3	8.6	18.3	2.6	11.8	21.6	9.6	16.1	21.4	11.8	17.0

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:26 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.2	18.5	20.3	23.9	20.6	22.1	24.2	21.8	23.0	22.1	20.0	21.0
2	22.9	19.0	20.9	22.6	20.1	21.3	24.3	21.9	23.1	22.4	20.3	21.3
3	23.3	19.7	21.4	22.5	20.7	21.5	24.0	21.9	23.0	22.9	20.0	21.5
4	23.3	20.5	21.8	22.8	20.4	21.6	23.9	21.1	22.6	23.6	20.5	22.0
5	22.9	20.4	21.7	23.6	20.9	22.2	24.2	21.2	22.8	23.7	21.1	22.4
6	23.4	20.4	21.6	24.2	21.4	22.8	24.7	21.8	23.4	23.3	21.5	22.4
7	22.3	20.2	21.2	23.7	21.6	22.6	23.9	21.2	22.5	22.5	20.4	21.5
8	21.7	19.7	20.7	23.7	21.6	22.6	22.7	19.9	21.5	21.9	20.2	21.0
9	21.2	18.2	19.7	23.2	20.2	21.8	22.5	19.7	21.2	21.8	18.8	20.3
10	21.4	17.4	19.4	24.0	21.3	22.5	22.3	19.9	21.1	21.8	18.6	20.2
11	21.9	17.8	19.8	23.1	21.6	22.3	22.4	19.5	21.0	21.8	18.6	20.2
12	22.0	18.0	20.0	21.9	20.1	20.6	22.4	19.4	21.0	21.3	19.8	20.6
13	22.6	18.8	20.7	21.0	19.9	20.3	22.6	19.9	21.3	22.3	19.9	20.7
14	21.5	19.6	20.8	22.9	20.5	21.5	23.2	20.9	22.0	23.1	21.6	22.1
15	20.4	18.0	19.2	23.5	21.0	22.2	23.8	21.5	22.7	21.9	21.0	21.4
16	20.0	16.7	18.5	23.9	21.1	22.5	23.6	22.1	22.9	22.6	20.4	21.5
17	21.0	17.6	19.3	23.9	21.7	22.8	23.9	22.3	23.0	22.2	21.1	21.6
18	21.4	17.8	19.6	24.3	21.6	23.0	23.6	21.6	22.6	22.4	21.6	22.2
19	21.5	19.0	20.2	23.7	21.4	22.7	23.6	21.1	22.4	21.9	21.3	21.6
20	22.1	19.2	20.6	24.2	21.8	22.9	24.0	21.0	22.5	22.5	21.3	21.8
21	20.9	18.7	19.9	24.3	21.6	23.0	24.5	22.0	23.3	25.0	21.7	22.5
22	20.6	18.8	19.7	24.3	21.8	23.0	24.2	22.1	23.2	22.6	21.4	21.9
23	21.7	19.9	20.7	24.2	21.9	22.9	24.7	22.1	23.4	21.9	20.9	21.4
24	22.4	19.8	21.0	24.3	21.5	22.6	24.7	22.2	23.5	21.1	20.2	20.6
25	22.4	20.6	21.5	23.2	21.6	22.3	24.2	22.6	23.4	20.2	17.7	18.9
26	22.1	20.8	21.4	23.5	21.8	22.6	23.8	22.3	23.0	19.8	17.8	18.4
27	23.0	20.7	21.7	23.8	21.6	22.7	22.8	21.3	22.1	20.8	19.8	20.5
28	21.9	20.5	21.2	24.5	21.8	23.2	22.7	21.3	21.9	20.7	18.9	19.9
29	23.3	20.5	21.8	24.7	22.2	23.5	22.3	20.7	21.5	20.4	19.5	19.9
30	23.8	21.0	22.4	25.0	22.5	23.7	21.8	20.9	21.3	20.5	19.5	20.0
31	---	---	---	24.3	22.3	23.3	21.4	20.6	21.0	---	---	---
MONTH	23.8	16.7	20.6	25.0	19.9	22.4	24.7	19.4	22.4	25.0	17.7	21.0
YEAR	25.0	1.2	15.4									

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:05 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:05 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	29	3.6	5.4
11	---	---	---	---	---	---	---	---	---	40	3.2	5.9
12	---	---	---	---	---	---	---	---	---	35	4.0	6.3
13	---	---	---	---	---	---	---	---	---	21	4.5	7.1
14	---	---	---	---	---	---	---	---	---	31	4.4	7.8
15	---	---	---	---	---	---	---	---	---	22	5.1	8.4
16	---	---	---	---	---	---	---	---	---	36	4.8	7.3
17	---	---	---	---	---	---	---	---	---	22	4.8	7.8
18	---	---	---	---	---	---	---	---	---	35	5.1	9.0
19	---	---	---	---	---	---	---	---	---	>1100	5.3	33
20	---	---	---	---	---	---	---	---	---	185	12	30
21	---	---	---	---	---	---	---	---	---	29	7.8	11
22	---	---	---	---	---	---	---	---	---	109	7.2	16
23	---	---	---	---	---	---	---	---	---	35	6.9	11
24	---	---	---	---	---	---	---	---	---	40	6.4	8.6
25	---	---	---	---	---	---	---	---	---	38	10	14
26	---	---	---	---	---	---	---	---	---	27	6.8	9.2
27	---	---	---	---	---	---	---	---	---	38	5.9	9.1
28	---	---	---	---	---	---	---	---	---	197	8.9	52
29	---	---	---	---	---	---	---	---	---	635	18	68
30	---	---	---	---	---	---	---	---	---	35	10	16
31	---	---	---	---	---	---	---	---	---	214	8.2	11
MAX	---	---	---	---	---	---	---	---	---	>1100	18	68
MIN	---	---	---	---	---	---	---	---	---	21	3.2	5.4

> Actual value is known to be greater than the value shown

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 11:05 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	>1100	139	373	195	25	53	64	27	39	80	7.9	13
2	287	21	53	>1100	14	20	33	13	24	32	6.7	8.3
3	456	13	19	>1100	40	147	21	9.8	13	426	7.9	16
4	565	16	38	341	36	81	24	8.6	10	439	21	54
5	368	13	35	90	18	28	36	7.8	9.7	26	11	15
6	>1100	12	16	25	11	15	41	7.8	9.2	16	6.6	9.5
7	>1100	18	39	13	7.8	10	41	6.4	10	28	6.3	7.6
8	34	15	20	19	7.1	9.3	9.9	5.9	7.5	14	6.5	8.4
9	29	13	16	13	7.1	9.3	14	5.9	7.4	20	5.9	7.6
10	36	13	17	12	6.3	8.0	10	5.9	7.2	20	6.0	7.7
11	36	8.2	11	22	6.4	8.7	10	5.3	6.6	---	---	---
12	341	9.6	12	---	---	---	>1100	7.1	17	---	---	---
13	74	12	20	---	---	---	>1100	98	254	13	<5.0	5.9
14	31	9.9	13	11	4.4	5.8	1080	50	112	14	<5.0	5.5
15	70	12	14	16	4.2	6.0	55	21	33	8.5	<5.0	6.0
16	55	9.0	15	9.5	5.0	6.1	25	17	20	14	<5.0	5.1
17	55	11	14	15	4.6	6.7	24	15	18	9.1	<5.0	5.0
18	39	9.4	14	12	4.4	5.9	73	14	17	16	<5.0	6.9
19	42	10	15	11	4.5	5.3	32	14	20	---	---	---
20	50	10	15	12	4.2	5.3	28	15	18	---	---	---
21	37	8.9	13	12	4.4	5.6	33	20	26	22	<5.0	7.2
22	>1100	12	27	15	3.8	5.3	31	20	24	8.6	<5.0	5.9
23	95	13	30	13	3.3	5.0	34	18	22	1810	<5.0	5.2
24	22	9.3	12	243	3.7	20	---	---	---	1450	91	213
25	32	7.8	9.4	>1100	30	287	---	---	---	93	22	44
26	42	6.7	9.7	116	38	62	---	---	---	23	11	15
27	>1100	7.1	11	---	---	---	---	---	---	16	8.9	11
28	563	20	50	25	16	18	---	---	---	17	7.2	8.8
29	28	8.8	12	>1100	15	40	---	---	---	38	6.9	7.6
30	>1100	6.6	10	143	24	48	11	5.3	6.5	27	6.8	8.1
31	---	---	---	>1100	21	147	86	5.3	6.7	---	---	---
MAX	>1100	139	373	>1100	40	287	>1100	98	254	1810	91	213
MIN	22	6.6	9.4	9.5	3.3	5.0	9.9	5.3	6.5	8.5	<5.0	5.0

YEAR		
	MAX	MAXIMUM 1810 MINIMUM 8.5
	MIN	MAXIMUM 139 MINIMUM 3.2
	MEDIAN	MAXIMUM 373 MINIMUM 5.0

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 12:11 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	32	<5.0	7.7	<5.0	<5.0	<5.0	---	---	---	16	<5.0	6.2
2	33	5.0	6.5	<5.0	<5.0	<5.0	7.5	<5.0	<5.0	21	<5.0	7.8
3	12	5.2	6.4	<5.0	<5.0	<5.0	7.1	<5.0	<5.0	24	<5.0	8.6
4	12	<5.0	5.6	<5.0	<5.0	<5.0	8.8	<5.0	<5.0	21	<5.0	6.4
5	8.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.7	<5.0	<5.0	30	<5.0	5.4
6	121	<5.0	26	<5.0	<5.0	<5.0	13	<5.0	<5.0	375	<5.0	74
7	15	<5.0	7.7	<5.0	<5.0	<5.0	7.9	<5.0	<5.0	36	9.2	17
8	6.3	<5.0	<5.0	<5.0	<5.0	<5.0	5.4	<5.0	<5.0	14	<5.0	7.3
9	5.4	<5.0	<5.0	<5.0	<5.0	<5.0	9.8	<5.0	<5.0	12	<5.0	<5.0
10	5.6	<5.0	<5.0	<5.0	<5.0	<5.0	116	<5.0	52	6.2	<5.0	<5.0
11	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	62	6.8	15	45	<5.0	5.0
12	14	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	10	<5.0	5.8
13	12	<5.0	<5.0	<5.0	<5.0	<5.0	238	<5.0	33	31	<5.0	7.3
14	---	---	---	<5.0	<5.0	<5.0	51	9.1	18	22	<5.0	<5.0
15	---	---	---	<5.0	<5.0	<5.0	12	5.1	6.9	6.8	<5.0	<5.0
16	---	---	---	<5.0	<5.0	<5.0	6.0	<5.0	<5.0	9.9	<5.0	<5.0
17	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1350	<5.0	<5.0	7.1	<5.0	<5.0
18	8.5	<5.0	<5.0	<5.0	<5.0	<5.0	320	27	61	6.8	<5.0	<5.0
19	---	---	---	6.3	<5.0	<5.0	41	12	17	1460	<5.0	256
20	---	---	---	<5.0	<5.0	<5.0	16	7.6	9.8	260	36	98
21	---	---	---	5.2	<5.0	<5.0	37	5.9	8.2	481	28	103
22	---	---	---	6.0	<5.0	<5.0	12	<5.0	5.9	337	23	35
23	<5.0	<5.0	<5.0	137	<5.0	<5.0	161	<5.0	82	657	36	91
24	<5.0	<5.0	<5.0	46	<5.0	11	94	15	30	669	21	32
25	42	<5.0	<5.0	14	<5.0	5.0	16	7.8	10	619	42	97
26	<5.0	<5.0	<5.0	9.0	<5.0	<5.0	14	5.4	6.9	78	18	26
27	<5.0	<5.0	<5.0	9.0	<5.0	<5.0	8.3	<5.0	5.4	27	12	15
28	<5.0	<5.0	<5.0	8.2	<5.0	<5.0	8.0	<5.0	5.0	26	7.5	10
29	<5.0	<5.0	<5.0	12	<5.0	<5.0	8.4	<5.0	5.1	13	7.0	9.3
30	<5.0	<5.0	<5.0	---	---	---	13	<5.0	5.2	15	6.5	8.3
31	<5.0	<5.0	<5.0	---	---	---	12	<5.0	5.3	17	6.1	8.5
MAX	121	5.2	26	137	<5.0	11	1350	27	82	1460	42	256
MIN	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.4	<5.0	<5.0	6.2	<5.0	<5.0

< Actual value is known to be less than the value shown

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 12:11 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12	5.7	7.5	5.8	<5.0	<5.0	---	---	---	1980	5.6	104
2	16	6.3	7.7	761	<5.0	164	---	---	---	39	12	17
3	24	5.0	6.9	96	39	62	---	---	---	2140	11	176
4	16	<5.0	6.0	42	12	23	---	---	---	2150	77	151
5	8.0	<5.0	<5.0	---	---	---	---	---	---	97	24	40
6	405	<5.0	78	---	---	---	---	---	---	41	17	24
7	147	28	51	11	<5.0	5.5	---	---	---	79	11	25
8	71	12	20	14	<5.0	5.3	---	---	---	62	11	16
9	21	8.6	11	35	<5.0	6.5	20	<5.0	6.1	>2200	8.9	12
10	13	6.2	7.9	27	6.5	12	16	<5.0	6.2	405	42	95
11	18	5.8	6.9	137	<5.0	8.6	12	<5.0	5.8	42	14	20
12	14	<5.0	5.7	190	<5.0	58	85	<5.0	17	20	10	14
13	36	<5.0	5.2	383	25	67	30	6.6	11	983	8.6	14
14	16	<5.0	5.7	26	9.6	14	16	5.2	6.6	200	15	33
15	8.8	<5.0	<5.0	16	5.7	7.6	15	<5.0	6.0	61	8.4	15
16	8.6	<5.0	<5.0	105	5.1	7.0	33	<5.0	5.8	21	8.0	11
17	13	<5.0	5.0	55	<5.0	7.1	14	<5.0	5.8	32	7.7	9.8
18	7.9	<5.0	<5.0	10	<5.0	6.7	16	<5.0	5.2	328	19	55
19	64	<5.0	<5.0	18	<5.0	7.0	11	<5.0	5.0	32	8.6	12
20	46	<5.0	6.6	31	<5.0	6.7	12	<5.0	<5.0	15	7.5	8.9
21	9.0	<5.0	<5.0	137	11	33	9.9	<5.0	5.2	12	6.8	8.3
22	104	<5.0	6.5	19	5.7	9.7	8.1	<5.0	5.2	25	5.9	8.5
23	11	<5.0	<5.0	23	<5.0	7.0	15	<5.0	5.5	25	7.5	9.2
24	6.6	<5.0	<5.0	20	<5.0	6.0	14	<5.0	5.6	22	6.7	8.9
25	23	<5.0	<5.0	34	<5.0	5.9	130	<5.0	18	21	6.7	8.6
26	60	<5.0	5.2	393	5.2	31	17	6.4	8.4	13	6.8	9.2
27	7.9	<5.0	<5.0	36	6.0	13	17	5.3	7.4	18	6.6	8.9
28	5.5	<5.0	<5.0	31	6.1	10	12	5.0	5.9	18	6.6	8.9
29	---	---	---	50	12	21	10	<5.0	5.6	25	6.5	9.1
30	---	---	---	990	28	376	12	<5.0	6.6	14	6.5	9.1
31	---	---	---	308	57	118	---	---	---	27	7.8	11
MAX	405	28	78	990	57	376	130	6.6	18	2200	77	176
MIN	5.5	<5.0	<5.0	5.8	<5.0	<5.0	8.1	<5.0	<5.0	12	5.6	8.3

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340547 LONGITUDE 0840447 NAD27 DRAINAGE AREA 5.10 CONTRIBUTING DRAINAGE AREA 5.10 DATUM 985 NGVD29
Date Processed: 2003-03-14 12:11 By ceoberst
APPROVED
DD #6, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	35	11	15	---	---	---	547	47	104	16	5.1	6.4
2	26	11	18	---	---	---	338	17	37	13	<5.0	6.1
3	30	9.2	15	---	---	---	132	12	20	13	<5.0	5.8
4	309	8.9	13	---	---	---	17	8.7	11	24	<5.0	5.9
5	224	16	46	---	---	---	17	7.5	9.3	11	<5.0	5.6
6	>2200	16	51	26	12	15	13	6.7	8.3	15	<5.0	5.8
7	---	---	---	16	9.8	12	22	5.8	7.9	10	<5.0	5.5
8	---	---	---	78	10	12	12	6.2	8.2	14	<5.0	5.1
9	26	11	15	128	14	32	12	5.4	7.2	10	<5.0	5.9
10	19	9.4	12	>2200	12	22	13	5.1	6.3	14	<5.0	5.3
11	38	11	15	830	23	72	22	<5.0	7.2	18	<5.0	5.3
12	24	8.6	11	156	14	24	59	<5.0	6.5	13	<5.0	<5.0
13	23	7.5	11	141	15	34	23	<5.0	6.1	1580	<5.0	<5.0
14	56	8.1	12	21	9.1	13	10	<5.0	5.5	2140	75	334
15	18	7.1	11	162	10	13	15	<5.0	5.3	308	48	137
16	26	7.1	9.1	86	10	22	13	<5.0	5.3	48	12	22
17	60	6.1	9.2	64	12	17	84	5.1	25	42	10	18
18	42	7.6	12	81	17	26	29	<5.0	7.2	1210	17	158
19	59	6.7	14	32	12	18	13	<5.0	5.9	76	21	38
20	26	8.5	12	22	9.1	13	43	<5.0	5.3	22	9.3	15
21	26	7.3	11	32	8.7	12	50	<5.0	5.1	1270	11	86
22	34	8.1	16	33	10	16	9.6	<5.0	5.5	236	33	72
23	370	11	54	32	7.0	10	20	<5.0	6.0	42	14	21
24	35	13	23	152	19	42	10	<5.0	5.3	45	7.9	16
25	99	9.1	15	20	8.1	9.9	14	<5.0	6.2	688	8.2	55
26	68	15	24	23	7.7	11	>2200	<5.0	8.3	1230	36	100
27	59	12	21	15	7.0	8.8	341	20	62	259	37	82
28	71	12	22	20	7.0	9.5	182	15	48	37	13	19
29	40	11	16	17	6.9	8.9	57	7.8	13	---	---	---
30	39	8.4	12	19	7.0	8.5	11	5.9	7.5	---	---	---
31	---	---	---	>2200	6.5	8.6	13	5.3	6.4	---	---	---
MAX	>2200	16	54	>2200	23	72	>2200	47	104	2140	75	334
MIN	18	6.1	9.1	15	6.5	8.5	9.6	<5.0	5.1	10	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 5.0
MIN MAXIMUM 77 MINIMUM <5.0
MEDIAN MAXIMUM 376 MINIMUM <5.0

> Actual value is known to be greater than the value shown
< Actual value is known to be less than the value shown

02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA

LOCATION.—Lat 34°05'47", long 84°04'43" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, 20.0 feet upstream of the culvert on Suwanee Dam Road, 2.4 miles upstream from the confluence with the Chattahoochee River.

DRAINAGE AREA.—5.10 mi^2.

COOPERATION.— Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—May 10, 2001 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL											
25-25	0325	3.68	13	1200	7.8	94	6.8	36	22.6	52	501
AUG											
29...	1030	3.47	1.9	6.4	7.8	89	7.2	73	21.4	91	23
SEP											
01-01	0105	3.56	4.3	--	7.9	--	7.3	68	21.0	92	44

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
JUL													
25-25	0325	3.68	13	260	7.1	46	180	30	38	1.6	.220	1.8	.11
AUG													
29...	1030	3.47	1.9	5.7	7.7	74	3	--	59	<.20	.260	--	<.020
SEP													
01-01	0105	3.56	4.3	--	7.6	72	30	--	E52c	.39	.330	.72	<.020

02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA—continued.

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL					
25-25	.37	1.8	52000	52	501
AUG					
29...	<.020	1.1	205	91	23
SEP					
01-01	.020	1.8	--	92	44

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT												
01...	1255	3.47	1.9	9.0	9.0	92	7.1	74	--	15.0	100	22
24...	1215	3.50	2.7	--	7.8	82	6.9	71	--	16.3	--	32
DEC												
04...	1006	3.49	3.0	3.9	10.4	92	6.8	72	8.0	9.2	91	25
DEC												
17-17	1733	4.34	53	820	8.9	89	--	45	--	13.7	--	--
FEB												
06-06	1615	4.46	65	260	12.5	--	6.6	49	--	5.3	--	--
14...	1330	3.54	4.7	6.0	11.5	--	6.9	71	--	9.3	--	--
14...	1345	3.54	4.7	5.3	11.5	100	7.4	70	--	9.3	81	30
MAR												
12-12	1143	4.07	32	130	10.8	95	6.8	56	--	9.5	--	--
APR												
18...	0835	3.56	5.8	5.8	8.8	92	7.2	75	--	17.2	--	--
JUN												
12...	1204	3.48	2.1	10	8.4	94	6.3	71	24.0	19.8	86	19
JUN												
23-23	0953	3.59	5.5	160	7.9	90	6.2	55	28.0	20.6	94	89
JUL												
31-31	1705	4.09	30	--	6.7	83	6.4	51	--	24.2	--	--
AUG												
14...	1545	3.44	.66	5.8	7.7	93	7.1	74	--	23.0	69	5.0
AUG												
26-26	1901	3.99	28	2600	6.8	82	6.5	46	--	23.4	94	1810

02334578 LEVEL CREEK AT SUWANEE DAM ROAD, NEAR SUWANEE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
01...	1255	3.47	1.9	--	7.5	75	1	--	50	--	<.20	.72	.240
24...	1215	3.50	2.7	5.5	E7.6c	78	7	--	60	--	<.20c	--	<.020
DEC													
04...	0945	3.49	3.0	4.0	7.8	78	E7c	E2c	55	E.025c	<.20c	.15	.150
DEC													
17-17	1721	4.24	41	1200	7.2	57	1130	151	39	.134	3.2	.34	.350
FEB													
06-06	1550	4.43	62	210	7.0	55	166	24	35	.114	1.4	.43	.460
14...	1345	3.54	4.7	5.3	7.2	76	4	<1	58	.039	.20	.35	.350
MAR													
12-12	1140	4.07	32	110	7.0	59	90	14	41	.186	1.1	.56	.580
APR													
18...	0830	3.56	5.8	5.9	7.2	74	3	<1	47	.021	<.20	.22	.220
JUN													
12...	1155	3.48	2.1	8.0	7.4	74	8	2	59	.030	<.20	.23	.240
JUN													
23-23	0945	3.59	5.5	100	7.2	57	63	9	44	.038	.40	.30	.300
JUL													
31-31	1645	4.22	44	1900	6.5	49	1380	171	39	.354	3.2	.58	.600
AUG													
14...	1530	3.44	.66	10	7.4	72	16	<1	43	.030	<.20	.12	.120
AUG													
26-26	1850	4.01	30	2100	6.4	48	1630	212	32	.268	2.5	.66	.670

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
01...	--	<.02	<.02	1.5	310	100	22
24...	--	<.02c	E.02c	1.7	820	--	32
DEC							
04...	--	E.02c	E.02c	4.2	560	91	25
DEC							
17-17	3.6	.04	.68	5.4	E11500k	68	1200
FEB							
06-06	1.9	.06	.29	4.6	12000k	60	352
14...	.55	<.02	<.02	6.2	28	81	30
MAR							
12-12	1.7	<.02	.12	4.7	2700	86	116
APR							
18...	--	<.02	<.02	1.8	110	100	25
JUN							
12...	--	<.02	<.02	1.3	320	85	25
JUN							
23-23	.70	<.02	.08	2.5	4470	94	82
JUL							
31-31	3.8	.02	.73	5.2	9800	90	1470
AUG							
14...	--	<.02	.03	1.2	117	91	6.0
AUG							
26-26	3.2	<.02	.76	9.2	17700	94	1680

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

02334775 IVY CREEK AT HAMILTON MILL ROAD, NEAR BUFORD, GA

LOCATION.—Lat 34°05'54", long 83°57'50" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Hamilton Mill Road, 2.1 miles southeast of Buford.

DRAINAGE AREA.—3.66 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-STAGE RECORDS

PERIOD OF RECORD.—1994 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 1,070.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. The date of the maximum stage is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum stage for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 8.50 feet, August 20, 1998

MAXIMUM FOR CURRENT YEAR.—
STAGE: 2.67 feet, May 4

APALACHICOLA RIVER BASIN
2002 Water Year

02334880 MILL CREEK AT WILDWOOD ROAD, NEAR SUWANEE, GA

LOCATION.—Lat 34°01'41", long 84°04'13" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03130001, at culvert on Wildwood Road near Suwanee.

DRAINAGE AREA.—1.86 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1995 to current year.

GAGE.--Crest-stage partial-record gage. Datum of gage is 935.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 7.51 feet, April 3, 2000
DISCHARGE: 661 ft^3/s, April 3, 2000

MAXIMUM FOR CURRENT YEAR.—
STAGE: 6.09 feet, January 20
DISCHARGE: 432 ft^3/s, January 20

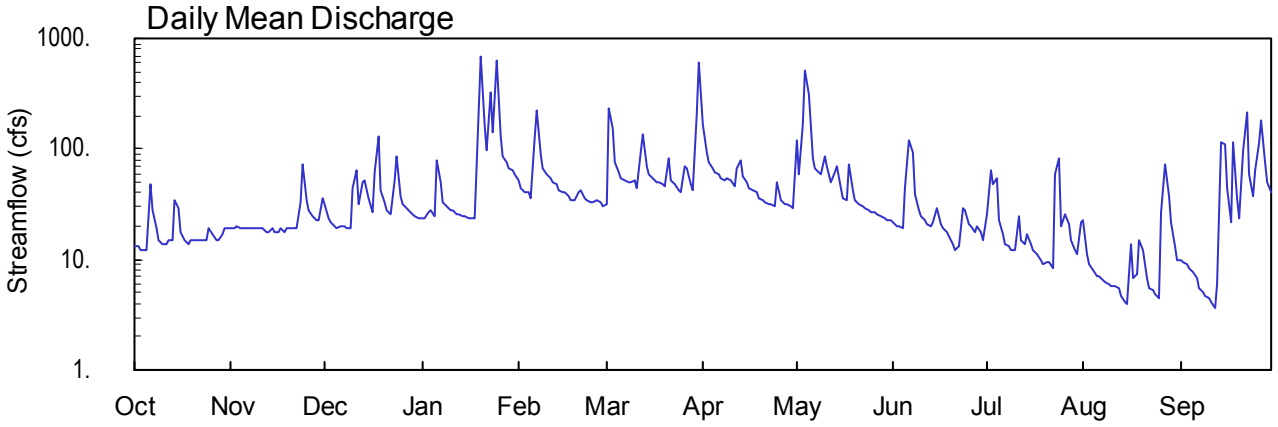
APALACHICOLA RIVER BASIN

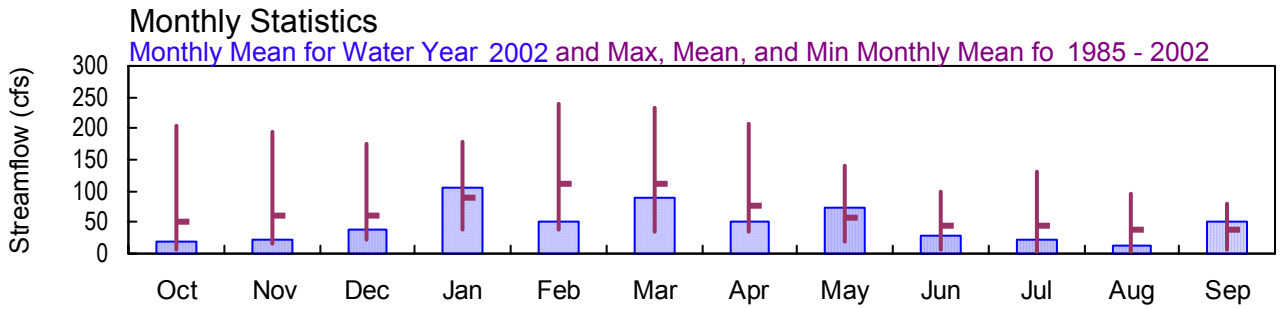
2002 Water Year

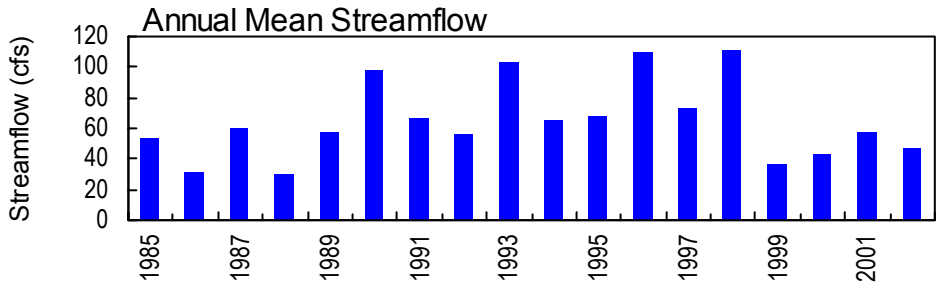
02334885 SUWANEE CREEK AT SUWANEE, GA

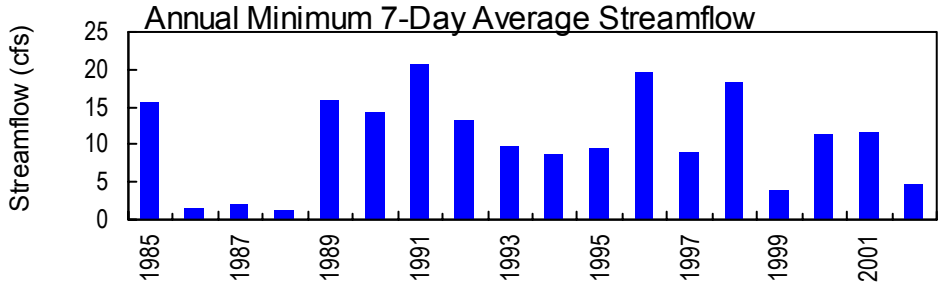
Latitude: 34°01'56" Longitude: 84°05'22" Hydrologic Unit Code: 03130001 Gwinnett County

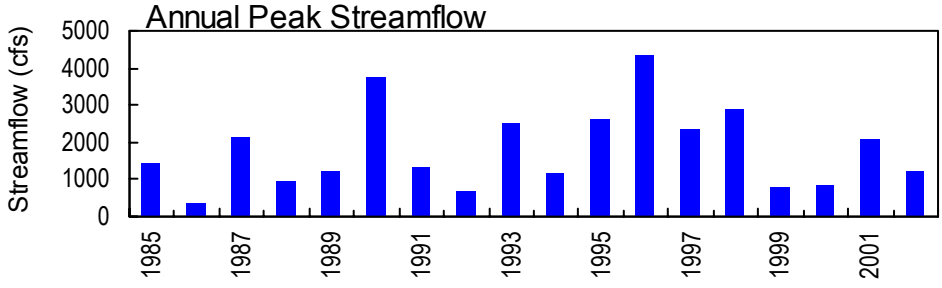
Drainage Area: 47. mi^2 Datum: 909.71 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02334885 SUWANEE CREEK NEAR SUWANEE, GA

LOCATION.—Lat 34°01'56", long 84°05'22" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 0307103, 20 feet upstream of US 23 bridge, 1.7 miles southwest of Suwanee, 3.1 miles upstream of the Chattahoochee River, 0.2 miles upstream of Bennett Creek, and 0.65 miles downstream of Mill Creek.

DRAINAGE AREA.—47.0 mi^2 (revised).

COOPERATION.—Atlanta Regional Commission, Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1984 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 909.71 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good, except for period of estimate discharge, which is fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 550 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 20	0715	1,260*	8.47*
Jan. 25	1430	1,020	7.98
Mar. 31	0915	903	7.65
May 4	2245	1,030	7.99

02334885 SUWANEE CREEK NEAR SUWANEE, GA—continued.

WATER–STAGE RECORDS

PERIOD OF RECORD.—October 1984 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 909.71 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.47 feet, January 20; minimum gage-height recorded, 0.79 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 17, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00* DATUM 909.71 NGVD29
Date Processed: 2003-03-11 15:04 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	19	31	24	53	31	167	118	22	26	23	10
2	13	19	24	24	45	229	94	58	20	64	11	9.6
3	12	20	22	27	41	152	77	164	20	47	9.2	8.9
4	12	19	20	28	40	75	68	504	19	54	8.1	8.4
5	12	19	19	25	36	61	62	307	45	23	7.2	7.6
6	47	19	20	79	125	54	58	84	121	17	7.0	6.7
7	28	19	20	50	219	52	54	68	93	14	6.4	5.6
8	19	19	19	33	88	49	53	61	39	13	6.2	5.0
9	15	19	19	30	67	49	55	58	28	12	6.0	4.6
10	14	19	44	28	60	52	52	86	25	12	5.8	4.4
11	14	19	64	28	54	44	46	69	23	25	5.8	4.1
12	15	18	31	26	51	95	66	51	21	15	5.5	3.7
13	15	18	51	26	48	136	79	61	20	14	4.7	6.0
14	35	19	53	25	42	71	56	71	22	17	4.1	115
15	29	18	36	25	41	59	49	44	29	14	4.0	108
16	18	18	27	24	40	54	45	36	21	12	14	45
17	15	19	62	24	38	51	42	34	19	11	6.8	22
18	14	18	128	24	35	50	40	73	18	9.7	7.4	115
19	15	19	43	217	35	47	36	42	16	8.9	15	36
20	15	19	33	680	41	46	34	34	e14	9.6	12	24
21	15	19	28	161	42	84	33	32	e12	9.3	6.8	99
22	15	19	26	99	36	52	32	30	13	8.2	5.6	217
23	15	33	53	325	34	47	31	29	29	59	5.3	58
24	15	72	85	139	33	43	30	28	28	83	4.9	37
25	19	34	38	639	33	41	51	27	21	20	4.4	65
26	17	28	31	132	34	71	35	27	20	26	27	114
27	15	25	29	87	33	68	32	26	18	21	73	180
28	15	23	28	75	30	47	31	25	20	15	38	75
29	17	23	26	68	---	43	30	24	18	12	22	49
30	19	36	25	63	---	209	29	23	15	11	13	40
31	19	---	24	59	---	e600	---	23	---	22	10	---
TOTAL	551	688	1159	3294	1474	2762	1567	2317	829	704.7	379.2	1483.6
MEAN	17.8	22.9	37.4	106	52.6	89.1	52.2	74.7	27.6	22.7	12.2	49.5
MAX	47	72	128	680	219	600	167	504	121	83	73	217
MIN	12	18	19	24	30	31	29	23	12	8.2	4.0	3.7
CFSM	0.38	0.49	0.80	2.26	1.12	1.90	1.11	1.59	0.59	0.48	0.26	1.05
IN.	0.44	0.54	0.92	2.61	1.17	2.19	1.24	1.83	0.66	0.56	0.30	1.17

e Estimated

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00* DATUM 909.71 NGVD29
Date Processed: 2003-03-12 14:25 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.18	1.29	1.49	1.38	1.77	1.49	3.11	2.54	1.33	1.30	1.32	1.05
2	1.17	1.30	1.39	1.38	1.68	3.85	2.22	1.83	1.30	1.87	1.08	1.03
3	1.16	1.31	1.35	1.44	1.63	2.91	2.04	3.14	1.28	1.67	1.02	1.01
4	1.15	1.30	1.32	1.45	1.61	2.02	1.94	5.60	1.27	1.76	0.98	0.99
5	1.14	1.29	1.30	1.40	1.57	1.86	1.88	3.95	1.67	1.35	0.95	0.96
6	1.67	1.30	1.31	2.04	2.64	1.79	1.83	2.12	2.58	1.22	0.94	0.93
7	1.44	1.29	1.31	1.73	3.72	1.76	1.79	1.94	2.23	1.16	0.92	0.89
8	1.29	1.28	1.30	1.52	2.16	1.73	1.77	1.86	1.61	1.13	0.91	0.86
9	1.21	1.29	1.29	1.48	1.94	1.72	1.79	1.83	1.45	1.10	0.91	0.85
10	1.20	1.29	1.62	1.46	1.85	1.76	1.76	2.13	1.38	1.09	0.90	0.84
11	1.19	1.29	1.90	1.44	1.79	1.67	1.69	1.95	1.35	1.36	0.89	0.83
12	1.21	1.28	1.49	1.42	1.75	2.22	1.91	1.76	1.32	1.18	0.88	0.81
13	1.21	1.27	1.72	1.43	1.71	2.70	2.06	1.86	1.28	1.16	0.85	0.87
14	1.53	1.29	1.77	1.40	1.64	1.98	1.81	1.97	1.32	1.22	0.82	2.43
15	1.47	1.28	1.56	1.40	1.63	1.84	1.73	1.66	1.46	1.16	0.82	2.36
16	1.28	1.28	1.43	1.38	1.61	1.79	1.68	1.57	1.31	1.10	1.11	1.67
17	1.21	1.29	1.85	1.38	1.59	1.75	1.64	1.53	1.26	1.07	0.93	1.32
18	1.20	1.28	2.67	1.39	1.56	1.74	1.61	1.99	1.23	1.04	0.95	2.45
19	1.21	1.28	1.65	3.33	1.55	1.70	1.57	1.63	1.21	1.01	1.15	1.55
20	1.21	1.30	1.52	6.14	1.62	1.69	1.54	1.53	---	1.03	1.08	1.37
21	1.21	1.29	1.46	3.02	1.64	2.12	1.52	1.50	---	1.02	0.93	2.32
22	1.21	1.28	1.42	2.28	1.56	1.76	1.51	1.48	1.13	0.98	0.89	3.73
23	1.22	1.48	1.74	4.85	1.54	1.70	1.49	1.46	1.41	1.68	0.87	1.83
24	1.22	1.98	2.12	2.73	1.53	1.65	1.48	1.45	1.44	2.12	0.86	1.58
25	1.30	1.54	1.59	6.55	1.52	1.63	1.74	1.42	1.31	1.29	0.84	1.89
26	1.26	1.45	1.50	2.65	1.54	1.96	1.56	1.43	1.29	1.38	1.22	2.44
27	1.21	1.41	1.46	2.15	1.52	1.94	1.51	1.41	1.25	1.31	2.00	3.28
28	1.21	1.37	1.44	2.02	1.49	1.70	1.50	1.39	1.29	1.18	1.57	2.01
29	1.25	1.37	1.43	1.94	---	1.65	1.47	1.37	1.23	1.11	1.32	1.72
30	1.28	1.55	1.40	1.89	---	3.45	1.46	1.36	1.18	1.06	1.12	1.61
31	1.29	---	1.39	1.84	---	---	---	1.35	---	1.22	1.06	---
MEAN	1.26	1.35	1.55	2.19	1.76	---	1.75	1.94	---	1.27	1.04	1.58
MAX	1.67	1.98	2.67	6.55	3.72	---	3.11	5.60	---	2.12	2.00	3.73
MIN	1.14	1.27	1.29	1.38	1.49	---	1.46	1.35	---	0.98	0.82	0.81

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00* DATUM 909.71 NGVD29
Date Processed: 2003-03-12 15:04 By acday
APPROVED
DD #16, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	---	---	0.00	0.49	0.00	0.26	0.00	0.00
2	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.32	0.01	0.00
3	0.00	0.00	0.01	0.00	---	---	0.00	0.69	0.00	0.01	0.00	0.00
4	0.00	0.00	0.00	0.09	---	---	0.00	1.45	0.79	0.00	0.00	0.00
5	0.06	0.00	0.00	0.04	---	---	0.00	0.00	0.14	0.00	0.00	0.00
6	0.65	0.00	0.00	0.56	---	---	0.00	0.00	1.64	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	---	0.11	0.09	0.26	0.00	0.00	0.00	0.00
10	0.00	0.00	0.76	0.00	---	0.00	0.00	0.01	0.00	0.11	0.00	0.00
11	0.00	0.00	0.00	0.02	---	0.00	0.01	0.00	0.00	0.26	0.00	0.00
12	0.01	0.00	0.01	0.05	---	0.79	0.65	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.41	0.01	---	0.08	0.11	0.46	0.00	0.06	0.00	1.06
14	0.42	0.00	0.15	0.00	---	0.00	0.01	0.00	0.27	0.00	0.00	1.16
15	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.16	0.47
16	0.00	0.00	0.00	0.00	---	0.00	0.01	0.00	0.00	0.00	0.19	0.00
17	0.00	0.00	0.96	0.00	---	0.05	0.00	0.38	0.00	0.00	0.09	0.03
18	0.00	0.00	0.00	0.02	---	0.00	0.00	0.37	0.00	0.00	0.03	1.60
19	0.00	0.00	0.00	2.60	---	0.00	0.00	0.00	0.00	0.09	0.37	0.00
20	0.00	0.00	0.00	0.00	---	0.30	0.00	0.00	0.00	0.00	0.00	0.20
21	0.00	0.00	0.00	0.47	---	0.26	0.00	0.00	0.00	0.00	0.00	1.27
22	0.00	0.00	0.00	1.02	---	0.00	0.00	0.00	0.02	0.00	0.00	0.08
23	0.00	0.75	0.71	0.08	---	0.00	0.00	0.00	0.17	1.03	0.00	0.00
24	0.00	0.05	0.00	1.33	---	0.00	0.00	0.00	0.00	0.06	0.00	0.00
25	0.15	0.10	0.00	---	---	0.00	0.26	0.00	0.01	0.00	0.10	0.71
26	0.00	0.00	0.00	---	---	0.53	0.00	0.21	0.01	0.10	0.22	0.28
27	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.22	0.00	0.00	0.16
28	0.00	0.00	0.00	---	---	0.00	0.03	0.00	0.00	0.00	0.06	0.00
29	0.00	0.00	0.00	---	---	0.00	0.01	0.02	0.00	0.00	0.00	0.00
30	0.00	0.26	0.00	---	---	2.29	0.25	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	---	---	0.47	---	0.00	---	0.20	0.00	---
TOTAL	1.29	1.16	3.01	---	---	---	1.43	4.34	3.27	2.50	1.23	7.02

APALACHICOLA RIVER BASIN
2002 Water Year

02334885 SUWANEE CREEK NEAR SUWANEE, GA

LOCATION.—Lat 34°01'56", long 84°05'22" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 0307103, 20 feet upstream of US 23 bridge, 1.7 miles southwest of Suwanee, 3.1 miles upstream of the Chattahoochee River, 0.2 miles upstream of Bennett Creek, and 0.65 miles downstream of Mill Creek.

DRAINAGE AREA.—47.0 mi^2 (revised).

COOPERATION.—Atlanta Regional Commission, Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.—February 8, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: February 8, 2001 to current year.
WATER TEMPERATURE: February 8, 2001 to current year.
TURBIDITY: February 15, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records fair, except turbidity records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 240 microsiemens, September 13, 2002; minimum recorded, 33 microsiemens, July 25, 2001.
WATER TEMPERATURE: Maximum recorded, 26.3°C, July 30, 2002; minimum recorded, 1.5°C, January 5, 2002.
TURBIDITY: Maximum recorded, 2,180 NTU, September 24, 2001; minimum recorded, 4.2 NTU, May 6, 2001.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 160 microsiemens, September 19,22; minimum, 33 microsiemens, July 25.
WATER TEMPERATURE: Maximum, 25.2°C, July 12, August 10; minimum, 7.1°C, March 20.
TURBIDITY: Maximum, 2,180 NTU, September 24; minimum, 4.2 NTU, May 6.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 240 microsiemens, September 13; minimum, 40 microsiemens, May 4.
WATER TEMPERATURE: Maximum, 26.3°C, July 30; minimum, 1.5°C, January 5.
TURBIDITY: Maximum, 1,960 NTU, May 1; minimum, <5.0 NTU, on many days.

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-14 11:58 By ceoberst
APPROVED
DD #17, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	137	124	133	156	134	149	145	111	121	117	104	111
2	140	126	135	159	136	148	123	113	118	117	106	112
3	148	130	142	145	132	140	126	114	122	126	105	115
4	153	134	146	148	131	142	128	116	123	123	108	114
5	163	139	153	141	131	137	136	119	129	138	113	124
6	155	93	126	142	128	136	139	122	133	124	95	109
7	102	92	96	148	133	142	143	123	136	98	87	92
8	118	102	107	148	131	142	140	125	135	112	95	102
9	120	110	117	150	131	143	140	121	132	117	103	110
10	142	114	132	142	131	138	133	99	118	122	105	114
11	150	125	142	142	131	138	109	84	91	121	107	115
12	149	130	143	139	128	135	111	84	94	118	108	114
13	144	130	140	139	126	134	112	77	104	121	109	117
14	191	120	134	145	128	140	105	85	90	126	110	118
15	123	102	106	149	132	142	102	90	97	129	110	121
16	117	104	110	155	132	147	111	99	103	132	111	123
17	126	117	123	152	134	146	111	56	100	137	114	127
18	140	118	133	149	133	142	82	55	62	137	115	128
19	144	127	139	147	130	140	95	66	84	129	48	94
20	147	131	141	149	129	139	111	93	101	64	44	52
21	144	131	140	146	129	140	113	102	108	71	59	66
22	141	129	137	149	129	142	116	104	111	73	60	69
23	140	128	136	146	101	132	116	82	104	68	45	50
24	150	129	142	121	85	97	92	68	74	73	58	66
25	146	132	140	109	87	96	97	73	85	58	43	49
26	155	132	145	118	104	109	108	94	99	73	56	66
27	148	132	141	125	110	116	118	99	106	79	73	77
28	152	136	146	127	113	121	119	102	111	83	77	80
29	150	136	145	137	123	130	119	104	111	88	80	85
30	145	134	141	140	114	129	114	103	109	93	83	90
31	152	132	144	---	---	---	115	104	110	97	86	94
MONTH	191	92	134	159	85	134	145	55	107	138	43	97

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-14 11:58 By ceoberst
APPROVED
DD #17, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	101	89	97	---	---	---	64	54	57	102	56	79
2	106	92	101	---	---	---	72	64	68	82	63	75
3	111	100	106	---	---	---	76	72	74	94	44	71
4	115	101	108	---	---	---	79	73	77	60	40	48
5	117	105	112	---	---	---	82	76	80	63	41	53
6	117	61	96	---	---	---	84	80	83	72	63	68
7	69	53	59	---	---	---	85	79	83	78	72	75
8	83	69	78	95	87	93	86	80	84	84	76	81
9	90	81	88	96	88	94	90	81	86	90	79	87
10	93	84	91	100	89	93	90	83	88	94	69	75
11	95	86	92	96	88	93	94	83	90	84	74	77
12	100	89	96	101	72	87	100	82	89	87	76	84
13	104	92	99	75	60	66	89	78	80	92	74	86
14	106	94	102	79	67	76	85	79	83	102	70	76
15	108	97	104	87	76	84	89	82	85	93	79	88
16	108	99	105	91	82	88	93	85	90	99	87	93
17	109	99	105	93	86	91	97	88	93	103	93	100
18	108	98	104	95	88	92	96	91	94	104	76	91
19	115	100	107	99	89	95	97	91	95	95	76	87
20	117	100	108	101	92	98	100	93	97	102	90	96
21	109	100	106	99	80	89	100	94	98	106	93	100
22	108	98	104	93	80	89	100	94	98	108	95	103
23	109	100	107	96	88	93	102	94	99	112	98	106
24	109	99	105	97	89	94	103	95	100	113	101	109
25	107	98	103	100	89	95	103	90	100	114	103	110
26	111	98	105	99	71	90	99	88	93	114	102	109
27	113	100	107	85	75	79	101	94	99	112	100	107
28	---	---	---	94	81	90	101	94	99	113	101	106
29	---	---	---	98	86	93	101	94	98	116	103	109
30	---	---	---	95	44	73	103	94	98	118	105	111
31	---	---	---	55	43	46	---	---	---	117	106	113
MONTH	117	53	100	101	43	87	103	54	89	118	40	89

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-14 11:58 By ceoberst
APPROVED
DD #17, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	119	107	114	138	99	130	114	84	98	151	127	137
2	118	108	115	103	60	74	127	100	109	152	137	146
3	121	109	116	115	77	92	148	127	135	154	139	147
4	123	109	119	93	68	74	157	147	152	167	150	157
5	141	87	112	106	81	91	164	150	159	175	156	167
6	111	58	88	106	99	104	168	152	161	182	163	175
7	72	56	64	123	114	119	178	157	166	201	163	188
8	95	72	86	132	115	126	189	171	178	195	177	185
9	100	89	96	136	122	130	205	179	187	191	176	184
10	110	97	102	151	129	141	211	194	203	191	181	187
11	114	103	109	172	101	137	219	200	212	200	182	194
12	121	110	115	111	106	108	220	205	214	209	187	199
13	129	115	123	135	111	127	230	209	222	240	115	211
14	133	112	127	143	125	135	228	215	222	176	46	84
15	135	117	127	136	120	130	229	213	221	75	58	65
16	119	109	114	137	119	129	222	77	152	82	61	69
17	122	111	118	149	130	140	224	194	212	114	82	94
18	127	112	122	156	138	147	218	195	204	114	43	75
19	130	117	126	161	149	155	218	81	186	100	74	88
20	---	---	---	162	151	157	142	117	134	118	96	106
21	---	---	---	163	155	160	154	131	144	117	45	87
22	133	120	128	169	149	160	188	154	168	65	40	52
23	146	108	129	170	55	143	191	177	184	91	65	80
24	108	91	94	75	55	68	202	191	197	108	89	100
25	115	93	102	109	75	87	210	197	206	108	78	100
26	116	103	111	131	81	115	218	66	183	83	61	71
27	127	113	117	122	99	110	121	64	74	81	58	64
28	132	117	125	131	122	126	116	79	89	84	64	77
29	133	124	128	137	123	133	101	78	88	96	84	92
30	140	126	135	143	128	134	111	101	106	104	93	99
31	---	---	---	156	114	142	130	108	119	---	---	---
MONTH	146	56	113	172	55	123	230	64	164	240	40	123
YEAR	240	40	114									

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-17 11:27 By bemccall
APPROVED
DD #5, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	15.6	14.3	15.1	12.3	10.3	11.3	14.8	12.9	13.7	4.4	3.4	3.9
2	15.8	14.3	15.2	13.9	12.0	12.9	12.9	11.6	12.2	3.8	3.2	3.6
3	16.0	14.5	15.4	15.2	13.6	14.3	12.1	11.1	11.6	3.5	2.8	3.1
4	16.3	15.0	15.7	15.2	14.1	14.6	11.4	10.1	10.7	2.8	1.8	2.4
5	16.2	15.4	15.8	14.2	12.7	13.4	10.7	9.4	10.2	3.0	1.5	2.2
6	18.0	16.2	16.9	13.0	11.4	12.0	11.8	10.3	11.0	4.4	3.0	3.7
7	16.4	14.5	15.3	11.4	10.0	10.8	12.7	11.1	11.9	4.6	4.2	4.4
8	14.5	13.5	13.9	11.3	9.7	10.6	13.6	12.1	12.8	4.2	3.4	3.8
9	13.7	12.8	13.3	11.7	10.0	10.9	13.7	13.2	13.5	4.6	3.0	3.8
10	14.4	12.9	13.7	11.7	10.2	11.0	13.5	10.9	12.3	6.5	4.4	5.3
11	15.8	14.4	15.1	11.4	9.9	10.8	10.9	10.3	10.6	8.7	6.5	7.7
12	17.2	15.8	16.6	11.5	10.3	10.9	11.3	10.7	11.0	8.1	6.6	7.3
13	18.3	17.2	17.8	11.1	10.1	10.6	12.5	11.3	11.8	6.6	5.6	6.2
14	19.2	18.3	18.7	10.6	9.3	10.1	13.9	12.5	13.2	6.1	5.3	5.7
15	18.4	16.4	17.4	10.7	9.2	10.1	13.4	11.5	12.4	6.5	5.3	5.9
16	16.4	14.3	15.3	10.6	9.1	9.9	11.5	10.9	11.3	6.2	5.1	5.7
17	14.3	12.4	13.2	10.6	9.1	10	13.7	11.2	11.8	6.3	4.7	5.5
18	12.4	11.1	11.8	11.1	9.6	10.4	13.1	11.6	12.5	7.7	6.0	6.9
19	12.2	10.7	11.6	11.2	9.8	10.6	11.6	10.1	10.6	8.1	6.9	7.5
20	13.2	11.5	12.4	11.5	10.4	10.9	10.1	8.5	9.4	7.1	5.9	6.6
21	14.2	12.6	13.5	10.4	9.2	9.7	8.5	7.2	7.7	8.3	7.1	7.6
22	15.3	13.6	14.5	9.2	8.1	8.8	7.3	6.2	6.9	8.2	7.0	7.6
23	16.1	14.7	15.4	11.1	9.0	9.8	8.7	6.6	7.4	8.7	7.7	8.1
24	16.5	15.3	15.9	12.8	11.0	11.9	8.7	7.1	8.0	11.7	8.7	9.9
25	16.7	15.6	16.4	14.4	12.8	13.6	7.1	5.5	6.2	11.7	10.9	11.4
26	15.6	13.2	14.4	13.8	12.8	13.4	5.5	4.1	4.8	10.9	9.2	9.7
27	13.2	10.7	11.9	14.7	13.2	13.9	4.1	3.3	3.8	9.4	8.3	8.8
28	10.7	9.2	9.8	15.0	14.0	14.5	5.3	3.6	4.3	9.9	8.5	9.2
29	9.6	8.1	9.0	15.5	14.4	15.0	6.8	5.2	6.0	11.5	9.9	10.7
30	9.9	8.1	9.1	15.7	14.8	15.4	6.4	5.4	5.8	12.7	11.5	12.1
31	10.5	8.8	9.7	---	---	---	5.4	4.4	4.8	14.0	12.7	13.3
MONTH	19.2	8.1	14.2	15.7	8.1	11.7	14.8	3.3	9.7	14.0	1.5	6.8

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-17 11:27 By bemccall
APPROVED
DD #5, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.6	13.6	14.3	---	---	---	16.6	15.0	15.9	17.2	16.4	16.7
2	13.6	10.5	12.0	---	---	---	16.6	14.8	15.7	19.4	17.2	18.3
3	10.5	8.7	9.5	---	---	---	17.6	15.9	16.7	19.7	19.0	19.4
4	8.7	7.5	8.2	---	---	---	16.8	14.9	15.6	19.0	15.7	17.1
5	7.5	6.2	6.7	---	---	---	15.0	13.4	14.3	16.9	15.5	16.0
6	6.2	5.1	5.8	---	---	---	14.4	13.0	13.8	17.5	16.5	17.0
7	6.2	5.0	5.6	---	---	---	14.2	12.8	13.6	18.7	17.3	17.9
8	7.0	5.6	6.3	10.8	9.0	9.8	15.4	14.1	14.6	19.8	18.7	19.2
9	8.2	6.4	7.3	12.7	10.8	11.9	15.9	15.4	15.7	20.6	19.5	20.0
10	10.9	8.2	9.6	12.7	10.9	11.8	17.1	15.7	16.3	21.3	20.3	20.7
11	10.9	9.6	10.4	10.9	9.5	10.2	17.2	16.7	16.9	20.8	19.9	20.4
12	9.6	8.2	8.6	10.4	9.9	10.2	16.8	16.2	16.4	19.9	19.5	19.7
13	8.8	8.1	8.4	12.1	10.0	10.8	16.5	16.0	16.2	21.3	19.9	20.2
14	8.7	7.7	8.2	13.5	11.5	12.6	17.4	16.4	16.8	20.2	17.6	18.5
15	9.0	7.8	8.4	14.5	12.9	13.8	18.6	17.3	17.9	17.6	16.4	17.0
16	10.3	8.7	9.5	16.3	14.5	15.3	19.2	18.3	18.8	18.0	16.4	17.2
17	9.8	8.6	9.3	17.5	16.3	16.9	20.4	18.9	19.6	19.2	17.5	18.3
18	8.8	7.5	8.2	17.9	16.8	17.3	21.0	19.8	20.4	19.8	18.7	19.4
19	8.6	7.0	7.8	17.6	16.3	17.0	21.6	20.1	20.8	18.7	16.6	17.5
20	9.9	8.1	9.1	16.5	15.9	16.2	22.0	20.6	21.2	16.6	15.5	16.1
21	10.9	9.4	10.1	16.8	15.5	16.1	21.9	20.6	21.2	15.5	14.5	15.0
22	10.8	9.5	10.2	16.1	11.7	13.6	21.1	19.3	20.7	15.6	14.1	14.8
23	9.8	8.4	9.1	11.7	10.1	10.9	19.3	17.6	18.3	16.1	14.2	15.1
24	9.8	8.0	8.9	12.0	10.2	11.1	18.5	17.1	17.8	17.1	14.8	15.9
25	10.4	8.3	9.2	14.2	11.8	13.0	19.0	17.6	18.3	18.1	15.9	17.0
26	11.1	9.4	10.1	15.8	14.2	15.1	18.2	15.6	16.8	19.2	17.4	18.2
27	9.4	6.0	7.8	15.4	13.7	14.5	15.6	15.2	15.5	20.2	18.5	19.3
28	---	---	---	13.9	12.5	13.3	18.2	15.6	16.9	20.7	19.1	19.9
29	---	---	---	14.6	12.8	13.7	19.8	18.2	18.9	20.8	19.4	20.1
30	---	---	---	16.5	14.6	15.7	18.8	16.6	17.6	20.7	19.5	20.1
31	---	---	---	---	---	---	---	---	---	21.6	19.9	20.7
MONTH	---	---	---	---	---	---	22.0	12.8	17.3	21.6	14.1	18.2

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-17 11:27 By bemccall
APPROVED
DD #5, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.6	20.6	21.6	25.1	23.3	24.3	25.3	24.1	24.8	22.5	21.5	22.0
2	23.4	21.6	22.5	23.7	22.4	23.2	25.4	24.0	24.7	22.9	21.7	22.2
3	24.0	22.3	23.2	24.0	23.0	23.4	25.3	23.9	24.6	23.2	21.6	22.4
4	24.3	23.1	23.7	23.8	22.7	23.2	25.1	23.6	24.4	23.7	22.0	22.9
5	23.8	23.0	23.4	24.6	23.0	23.8	25.3	23.6	24.4	24.3	22.7	23.5
6	24.6	23.1	23.5	25.2	23.7	24.4	25.6	24.1	24.8	24.5	23.2	23.8
7	23.7	22.6	23.1	25.1	24.1	24.6	25.1	24.1	24.6	23.7	22.5	23.1
8	23.1	22.3	22.8	25.2	23.9	24.5	24.6	22.9	23.7	23.2	21.9	22.5
9	22.5	21.2	21.9	24.5	23.2	23.9	23.8	22.3	23.1	22.8	21.1	22.0
10	22.0	20.4	21.2	24.7	23.6	24.2	23.8	22.1	22.9	22.4	20.6	21.5
11	22.2	20.4	21.3	24.3	23.5	23.8	23.5	21.8	22.7	22.3	20.5	21.5
12	22.3	20.6	21.5	23.7	22.3	22.8	23.5	21.7	22.6	22.5	21.2	21.8
13	22.8	21.0	22.0	22.3	21.7	21.9	23.4	21.9	22.7	22.3	21.3	21.6
14	22.8	22.0	22.4	23.3	21.7	22.4	24.0	22.5	23.2	23.0	22.0	22.5
15	22.0	20.9	21.4	---	---	---	24.6	23.2	23.9	22.9	21.9	22.2
16	21.0	19.8	20.5	25.1	23.4	24.3	25.1	23.7	24.6	22.6	21.6	22.1
17	21.3	19.8	20.7	25.5	24.0	24.7	25.0	24.0	24.4	22.9	22.2	22.5
18	21.5	20.0	20.9	25.7	24.1	24.9	25.2	23.6	24.3	23.1	22.4	22.9
19	---	---	---	25.5	24.3	25.0	25.9	23.5	24.4	23.0	22.5	22.7
20	---	---	---	25.8	24.2	25.0	25.1	23.5	24.3	23.2	22.4	22.7
21	---	---	---	25.7	24.2	25.0	25.5	24.2	24.8	24.0	22.8	23.2
22	21.7	20.9	21.3	25.4	24.2	24.8	25.5	24.2	24.9	23.4	22.6	22.8
23	22.1	21.2	21.6	25.5	23.8	24.7	25.9	24.2	25.0	22.6	22.2	22.4
24	22.6	21.5	22.0	24.5	23.7	24.1	26.0	24.4	25.2	22.3	21.4	21.9
25	23.4	22.3	22.8	24.1	23.6	23.9	26.1	24.6	25.3	21.4	19.1	20.4
26	23.4	22.7	23.0	25.1	23.5	24.0	25.6	23.9	25.0	19.3	18.3	18.7
27	23.9	22.8	23.4	24.8	23.8	24.3	24.0	22.8	23.2	21.2	19.3	20.4
28	23.6	22.9	23.2	25.4	23.9	24.7	23.0	22.7	22.8	21.1	20.4	20.7
29	23.9	22.6	23.3	25.9	24.4	25.2	23.0	22.4	22.7	20.8	20.6	20.7
30	24.3	23.1	23.8	26.3	24.8	25.5	22.6	22.3	22.4	21.0	20.5	20.7
31	---	---	---	25.7	24.7	25.2	22.4	22.0	22.2	---	---	---
MONTH	---	---	---	---	---	---	26.1	21.7	24.0	24.5	18.3	22.0

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-17 12:54 By bemccall
APPROVED
DD #18, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-17 12:54 By bemccall
APPROVED
DD #18, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	32	13	23	28	19	22	9.9	5.7	7.9
2	---	---	---	31	14	21	21	16	18	20	5.2	7.2
3	---	---	---	---	---	---	196	17	60	16	5.0	7.4
4	---	---	---	---	---	---	139	49	75	21	5.5	7.6
5	---	---	---	92	30	60	52	37	47	13	6.9	8.1
6	---	---	---	35	21	30	63	22	31	12	4.2	7.2
7	---	---	---	40	18	26	35	21	24	10	5.5	6.4
8	---	---	---	42	16	22	24	19	20	11	4.8	7.0
9	---	---	---	---	---	---	22	16	19	11	5.0	7.5
10	---	---	---	---	---	---	23	14	19	18	5.3	7.6
11	---	---	---	---	---	---	20	14	18	11	5.9	7.5
12	---	---	---	---	---	---	23	14	16	10	6.4	7.6
13	---	---	---	---	---	---	31	13	21	10	6.1	8.3
14	---	---	---	191	59	82	38	14	17	12	7.1	8.2
15	14	6.0	10	---	---	---	188	36	138	9.9	5.9	8.0
16	766	5.9	20	---	---	---	104	25	54	10	5.9	7.5
17	580	116	245	73	31	44	27	16	21	9.6	4.4	7.3
18	116	63	80	33	25	28	---	---	---	10	4.4	7.4
19	63	13	41	164	21	25	---	---	---	>1100	7.0	11
20	20	7.7	17	---	---	---	---	---	---	1090	71	196
21	762	6.2	11	190	80	111	---	---	---	71	18	30
22	>1100	147	405	80	51	60	---	---	---	55	20	29
23	157	60	94	51	35	39	---	---	---	60	22	33
24	60	40	46	36	24	29	17	8.0	12	34	13	20
25	200	43	110	29	17	22	16	8.8	12	---	---	---
26	138	42	74	20	15	18	11	7.3	9.4	---	---	---
27	48	27	34	19	13	15	11	7.8	9.4	---	---	---
28	30	16	24	54	12	16	12	7.1	8.9	763	12	31
29	---	---	---	191	51	140	11	7.1	8.6	742	106	270
30	---	---	---	153	43	63	11	7.7	8.8	110	30	49
31	---	---	---	46	23	32	---	---	---	133	15	23
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

> Actual value is known to be greater than the value shown

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-17 12:54 By bemccall
APPROVED
DD #18, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	624	47	293	>1100	123	783	161	44	79	30	12	23
2	304	128	230	591	302	407	53	25	38	25	11	19
3	1060	74	102	>1100	290	710	41	21	30	21	11	14
4	1060	72	179	>1100	204	454	56	21	29	184	13	85
5	72	40	54	639	132	228	88	19	30	68	14	39
6	>1100	27	37	140	77	108	366	20	50	25	8.9	17
7	512	55	129	81	40	54	183	63	110	22	9.4	12
8	62	29	35	---	---	---	116	34	84	---	---	---
9	42	22	28	---	---	---	91	20	48	---	---	---
10	47	22	25	---	---	---	---	---	---	---	---	---
11	42	18	24	---	---	---	---	---	---	---	---	---
12	116	19	29	---	---	---	41	18	28	19	8.0	11
13	421	37	76	35	17	22	1490	29	336	21	7.6	9.5
14	86	16	24	32	17	23	1890	236	541	15	8.0	9.6
15	76	14	22	32	16	23	379	198	275	15	7.6	9.8
16	115	35	71	31	16	22	209	93	148	13	7.8	9.5
17	42	17	26	34	15	20	94	35	65	18	7.8	11
18	30	12	18	30	13	21	---	---	---	16	8.8	11
19	19	8.3	14	50	13	21	---	---	---	18	7.6	11
20	26	8.2	14	44	16	26	---	---	---	16	9.2	12
21	18	10	12	49	15	23	---	---	---	20	8.6	11
22	>1100	12	17	43	14	26	---	---	---	14	7.7	10
23	>1100	162	302	43	13	21	26	13	18	535	9.1	12
24	166	44	76	119	13	26	23	12	17	2180	157	263
25	62	26	41	2060	79	546	26	13	17	177	35	71
26	57	14	33	364	111	225	47	11	18	38	17	26
27	27	15	21	---	---	---	33	12	16	25	12	17
28	>1100	19	784	47	23	31	22	10	15	18	10	13
29	552	241	390	1460	21	29	18	10	12	19	11	14
30	317	128	190	771	84	201	24	9.9	13	24	12	14
31	---	---	---	375	78	184	20	9.8	13	---	---	---
MAX	>1100	241	784	---	---	---	---	---	---	---	---	---
MIN	18	8.2	12	---	---	---	---	---	---	---	---	---

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STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-14 12:10 By ceoberst
APPROVED
DD #18, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21	12	14	---	---	---	28	5.2	7.4	19	8.0	9.7
2	19	10	12	---	---	---	16	<5.0	6.3	18	5.2	8.6
3	16	9.5	13	---	---	---	22	<5.0	6.7	12	5.1	8.4
4	19	9.4	13	---	---	---	11	5.5	7.4	13	6.8	9.7
5	23	6.0	11	---	---	---	9.2	5.0	6.4	13	6.6	8.7
6	165	11	77	---	---	---	8.8	<5.0	5.8	252	6.7	98
7	83	20	28	---	---	---	11	<5.0	5.4	107	38	60
8	36	8.9	14	---	---	---	11	<5.0	6.1	40	12	23
9	13	6.8	8.5	---	---	---	15	<5.0	6.8	17	<5.0	12
10	12	<5.0	7.6	---	---	---	79	7.5	14	10	<5.0	6.5
11	12	<5.0	5.8	---	---	---	93	23	45	9.1	<5.0	5.0
12	14	<5.0	6.0	---	---	---	28	9.7	19	8.9	<5.0	5.2
13	13	<5.0	7.0	---	---	---	108	9.0	14	7.7	<5.0	<5.0
14	40	7.5	19	---	---	---	83	21	33	7.6	<5.0	<5.0
15	26	9.8	13	---	---	---	28	11	15	6.0	<5.0	<5.0
16	18	6.3	8.8	9.6	<5.0	<5.0	17	7.8	11	7.4	<5.0	<5.0
17	14	5.7	7.4	6.8	<5.0	<5.0	630	7.5	10	12	<5.0	<5.0
18	21	6.6	9.1	9.5	<5.0	<5.0	1100	128	324	6.4	<5.0	<5.0
19	43	8.2	14	6.6	<5.0	<5.0	128	35	52	537	<5.0	43
20	---	---	---	6.8	<5.0	<5.0	43	14	23	435	176	264
21	---	---	---	5.2	<5.0	<5.0	37	12	15	306	128	169
22	---	---	---	6.2	<5.0	<5.0	18	12	14	247	90	145
23	10	<5.0	5.0	120	<5.0	6.2	122	12	16	1150	188	358
24	8.3	<5.0	<5.0	121	38	66	194	59	86	214	84	122
25	11	<5.0	<5.0	40	10	21	62	25	35	366	182	266
26	9.7	<5.0	<5.0	16	<5.0	7.2	29	11	20	186	77	108
27	6.8	<5.0	5.3	7.9	<5.0	<5.0	22	7.2	13	84	56	65
28	8.7	<5.0	5.4	9.8	<5.0	<5.0	14	6.1	10	62	42	53
29	13	<5.0	5.4	8.6	<5.0	<5.0	12	6.6	8.8	52	32	39
30	---	---	---	22	<5.0	11	15	7.6	9.3	42	22	31
31	---	---	---	---	---	---	13	8.0	10	41	16	24
MAX	165	20	77	121	38	66	1100	128	324	1150	188	358
MIN	6.8	<5.0	<5.0	5.2	<5.0	<5.0	8.8	<5.0	5.4	6.0	<5.0	<5.0

< Actual value is known to be less than the value shown

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 340156 LONGITUDE 0840522 NAD27 DRAINAGE AREA 47.00 CONTRIBUTING DRAINAGE AREA 47.00 DATUM 909.71 NGVD29
Date Processed: 2003-03-14 12:10 By ceoberst
APPROVED
DD #18, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	34	15	22	---	---	---	215	86	148	1960	19	470
2	29	11	17	---	---	---	91	48	62	205	45	74
3	19	9.4	12	---	---	---	52	34	43	1330	39	265
4	20	7.8	10	---	---	---	38	25	30	442	248	337
5	22	6.4	8.9	---	---	---	36	21	25	287	115	180
6	300	7.1	40	---	---	---	41	17	20	119	74	93
7	295	79	152	---	---	---	34	14	18	79	47	66
8	83	27	43	17	9.2	12	22	12	16	68	42	53
9	29	20	25	18	9.5	12	29	13	17	130	34	45
10	27	13	17	24	12	16	23	11	16	320	89	128
11	21	12	15	15	8.4	11	20	9.7	14	151	58	84
12	19	9.5	12	150	10	50	115	14	19	69	33	43
13	13	6.4	8.7	259	65	160	108	29	41	216	25	39
14	12	5.1	7.6	125	33	50	34	15	19	321	112	200
15	10	5.9	7.3	45	20	27	21	13	16	124	37	52
16	11	6.1	7.7	27	16	21	25	12	16	48	25	32
17	11	5.7	7.7	25	15	19	20	10	15	116	23	30
18	13	6.4	7.7	23	12	17	23	10	15	140	34	92
19	12	<5.0	7.5	30	10	17	38	11	15	59	26	32
20	14	6.4	8.8	24	12	15	33	10	14	36	18	23
21	16	6.3	9.7	79	19	46	27	11	13	31	16	20
22	12	6.5	8.0	35	14	18	32	10	14	29	14	20
23	21	6.4	8.1	18	9.2	12	42	9.6	12	26	13	20
24	14	7.0	8.5	19	7.9	11	17	8.2	12	28	17	21
25	13	6.7	8.6	18	6.4	9.4	71	11	34	41	16	21
26	12	6.3	8.8	486	7.2	15	34	10	16	46	16	23
27	15	5.3	9.1	203	33	72	18	7.7	12	45	13	24
28	---	---	---	40	14	20	17	7.7	11	38	12	20
29	---	---	---	25	9.7	14	28	8.4	12	35	13	21
30	---	---	---	497	14	178	131	11	19	25	14	19
31	---	---	---	368	178	225	---	---	---	28	14	19
MAX	300	79	152	497	178	225	215	86	148	1960	248	470
MIN	10	<5.0	7.3	15	6.4	9.4	17	7.7	11	25	12	19

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APPROVED
DD #18, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	36	12	19	531	11	16	497	56	214	25	12	15
2	56	12	22	966	79	254	56	25	43	21	12	15
3	45	11	22	1240	26	66	30	16	24	19	11	14
4	---	---	---	1170	70	230	27	17	21	17	8.8	12
5	186	33	57	71	30	43	30	16	21	17	8.7	12
6	989	32	61	42	18	26	28	15	21	14	7.9	10
7	786	94	317	30	14	19	27	16	21	16	7.7	10
8	114	41	63	28	13	19	27	17	20	14	8.1	10
9	75	25	42	30	14	19	34	16	20	14	8.7	10
10	---	---	---	37	12	18	39	16	21	28	9.5	12
11	79	29	34	147	17	64	26	15	19	58	11	17
12	68	21	33	33	17	22	---	---	---	33	7.7	9.3
13	49	17	25	91	15	23	20	13	17	124	7.1	11
14	55	17	27	61	17	25	28	12	16	466	68	275
15	44	20	29	29	14	19	31	12	15	330	100	171
16	34	14	21	29	13	18	409	13	90	136	29	54
17	28	16	22	28	13	19	29	12	18	30	14	20
18	30	15	22	31	13	17	44	11	16	807	15	246
19	25	13	18	30	13	18	303	11	16	135	23	32
20	---	---	---	27	13	17	158	21	34	28	14	20
21	---	---	---	29	11	18	24	11	16	1240	16	85
22	22	13	17	40	11	13	28	8.7	13	1270	129	298
23	73	16	21	1260	11	16	28	9.7	14	129	34	62
24	58	20	28	1270	97	208	22	10	13	34	18	24
25	33	12	19	97	27	40	19	9.8	13	135	20	38
26	28	12	17	654	22	31	1190	9.9	13	241	74	121
27	30	12	20	158	35	62	1190	88	238	339	88	240
28	49	12	17	199	19	26	91	42	71	134	35	58
29	24	12	16	52	15	20	61	26	32	36	21	26
30	26	11	16	30	16	19	32	18	21	25	15	17
31	---	---	---	411	15	20	25	14	18	---	---	---
MAX	989	94	317	1270	97	254	1190	88	238	1270	129	298
MIN	22	11	16	27	11	13	19	8.7	13	14	7.1	9.3

YEAR			
	MAX	MAXIMUM 1960	MINIMUM 5.2
	MIN	MAXIMUM 248	MINIMUM <5.0
	MEDIAN	MAXIMUM 470	MINIMUM <5.0

APALACHICOLA RIVER BASIN
2002 Water Year

02334885 SUWANEE CREEK NEAR SUWANEE, GA

LOCATION.—Lat 34°01'56", long 84°05'22" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 0307103, 20.0 feet upstream of US 23 bridge, 1.7 miles southwest of Suwanee, 3.1 miles upstream of the Chattahoochee River, 0.2 miles upstream of Bennett Creek, and 0.65 miles downstream of Mill Creek.

DRAINAGE AREA.—47.0 mi^2 (revised).

COOPERATION.—Atlanta Regional Commission, Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—October 1984 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
OCT										
01...	0922	1.14	14	16	8.5	875	7.1	138	--	14.5
24...	1035	1.21	10	--	7.8	81	7.0	138	19.0	15.6
DEC										
03...	1352	1.30	22	--	9.3	87	7.2	124	--	11.8
DEC										
10-10	1815	1.95	68	--	9.4	89	7.0	98	--	11.4
FEB										
04...	1445	1.55	38	13	10.9	93	6.9	112	--	8.6
FEB										
06-06	1515	2.65	135	82	12.0	99	6.7	84	7.0	5.7
MAR										
12-12	1317	2.39	110	64	10.1	93	6.7	86	10.0	10.0
APR										
22...	1116	1.49	31	13	7.0	81	7.1	98	--	20.6
MAY										
01-01	1210	3.72	209	660	7.9	85	6.8	87	--	16.7
JUN										
03...	1216	1.24	20	17	7.3	88	6.8	118	33.0	23.1
JUL										
02-02	0729	1.87	61	410	6.0	69	6.2	61	--	22.4
JUL										
23-23	2220	4.38	26	920	5.2	62	6.6	85	--	24.3
AUG										
13...	0925	.84	4.7	19	6.8	79	7.0	222	--	21.9

02334885 SUWANEE CREEK NEAR SUWANEE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
01...	0922	1.14	14	15	8.4	141	5	--	80	--	<.20	.72	1.10
24...	1035	1.21	10	7.6	E7.8c	150	4	--	90	--	<.20c	--	.980
DEC													
03...	1340	1.30	22	8.3	7.9	124	E10c	E2c	75	E.075c	<.20c	.51	.520
DEC													
10-11	0700	--	--	58	7.8	107	E70c	E10c	70	E.097c	E.70c	.42	.450
FEB													
04...	1440	1.55	38	11	7.6	116	6	<1	73	.102	.40	1.10	1.10
FEB													
06-07	0700	--	--	260	7.1	63	226	28	45	.078	1.1	.47	.480
MAR													
12-13	0745	--	--	100	7.0	77	105	12	48	.182	.90	.54	.560
APR													
22...	1115	1.49	31	16	7.3	101	8	3	59	.062	.20	.63	.660
MAY													
01-01	0945	--	--	470	7.0	71	798	100	47	.170	2.0	.62	.640
JUN													
03...	1210	1.24	20	15	7.4	120	9	1	79	.061	.20	.94	.960
JUL													
01-02	2330	--	--	530	6.8	84	252	36	57	.164	1.9	.78	.830
JUL													
23-24	1815	--	--	930	6.6	69	870	104	44	.197	2.3	.87	.910
AUG													
13...	0910	.84	4.7	18	7.5	231	8	1	130	.050	.60	4.10	4.20

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
01...	--	<.02	.02	<.1	<5	--	--
24...	--	<.02c	<.02c	.9	12	--	--
DEC							
03...	--	<.02c	<.02c	1.1	<5	--	--
DEC							
10-11	--	E.02c	E.08c	3.5	12	--	--
FEB							
04...	1.5	<.02	<.02	.5	6	--	--
FEB							
06-07	1.6	<.02	.25	3.7	<5	--	--
MAR							
12-13	1.5	<.02	.14	2.5	<5	--	--
APR							
22...	.86	<.02	.03	1.3	<5	--	--
MAY							
01-01	2.6	<.02	.49	4.9	15	--	--
JUN							
03...	1.2	<.02	.05	.6	7	--	--
JUL							
01-02	2.7	.03	.79	6.5	19	67	714
JUL							
23-24	3.2	.02	.70	5.5	21	--	--
AUG							
13...	4.8	<.02	.07	.3	8	83	10

02334885 SUWANEE CREEK NEAR SUWANEE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT													
01...	0922	1.14	14	33	10	2.0	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
24...	1035	1.21	10	37	11	2.2	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
DEC													
03...	1340	1.30	22	32	9.7	2.0	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
DEC													
10-11	0700	--	--	28	8.1	1.8	<.5	<.5	<1.0	2.9	<2.0	<2.0	<2.0
FEB													
04...	1440	1.55	38	30	8.9	2.0	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
FEB													
06-07	0700	--	--	17	4.9	1.2	<.5	<.5	<1.0	7.1	<2.0	7.0	<2.0
MAR													
12-13	0745	--	--	21	6.1	1.4	<.5	<.5	<1.0	5.0	<2.0	3.1	<2.0
APR													
22...	1115	1.49	31	30	8.8	1.9	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
MAY													
01-01	0945	--	--	19	5.6	1.2	<.5	<.5	<1.0	15	<2.0	13	<2.0
JUN													
03...	1210	1.24	20	31	9.4	1.9	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
JUL													
01-02	2330	--	--	20	6.2	1.2	<.5	<.5	<1.0	18	<2.0	14	<2.0
JUL													
23-24	1815	--	--	17	4.8	1.1	<.5	<.5	<1.0	25	<2.0	28	<2.0
AUG													
13...	0910	.84	4.7	40	12	2.4	<.5	<.5	<1.0	<1.0	3.0	2.1	<2.0

Date	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)
OCT					
01...	<2.0	316	315	3.2	3.8
24...	<2.0	188	203	2.1	2.1
DEC					
03...	<2.0	335	344	2.6	3.4
DEC					
10-11	3.0	227	731	4.1	17
FEB					
04...	<2.0	556	569	3.9	5.5
FEB					
06-07	6.7	225	614	2.5	31
MAR					
12-13	3.5	215	402	3.6	21
APR					
22...	<2.0	300	354	2.2	3.6
MAY					
01-01	16	207	1290	<2.0	69
JUN					
03...	<2.0	227	253	<2.0	2.9
JUL					
01-02	17	361	1500	<2.0	69
JUL					
23-24	28	322	1930	2.0	104
AUG					
13...	<2.0	191	210	<2.0	3.9

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

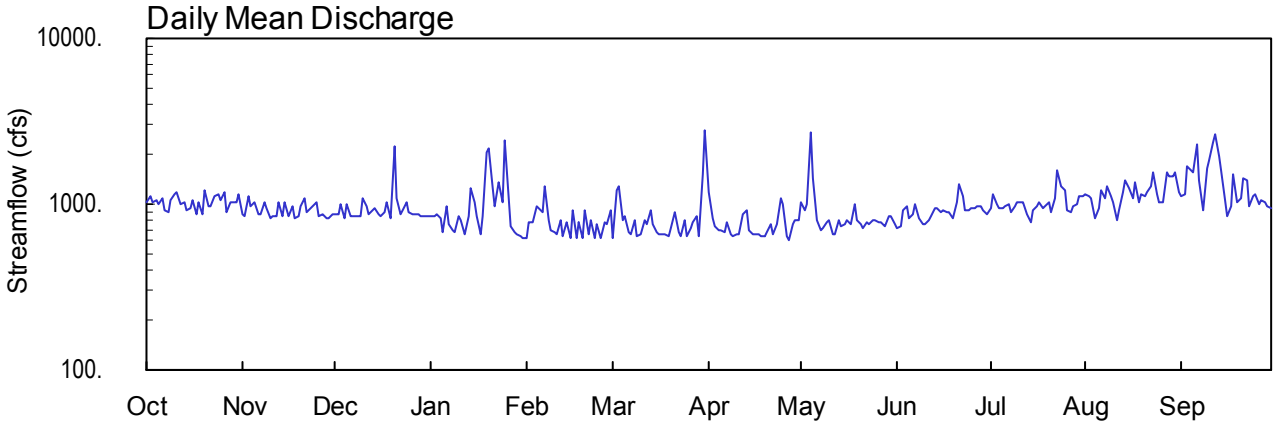
APALACHICOLA RIVER BASIN

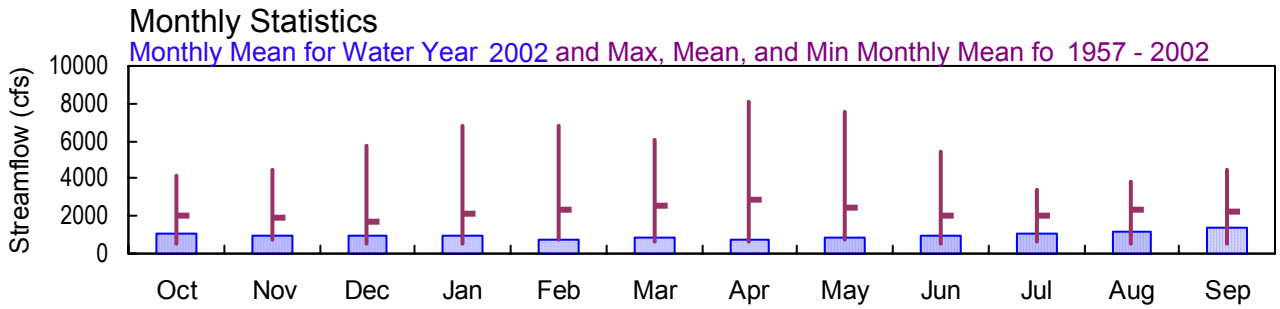
2002 Water Year

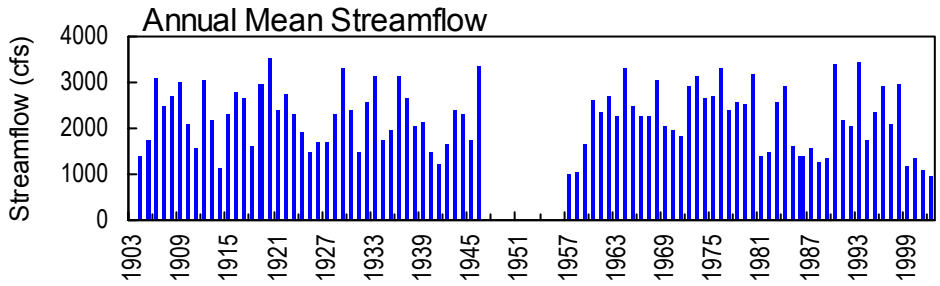
02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA

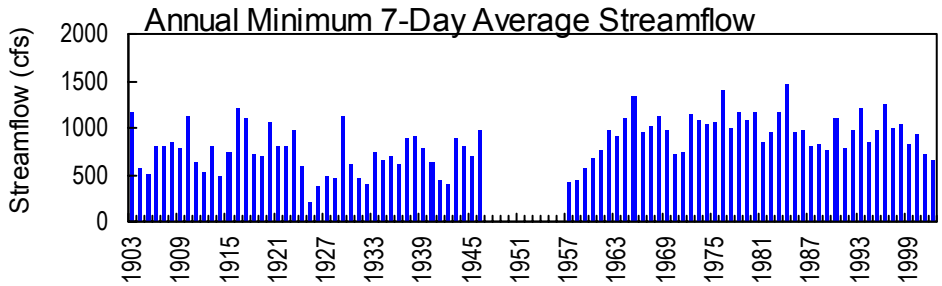
Latitude: 33°59'50" Longitude: 84°12'07" Hydrologic Unit Code: 03130001 Gwinnett County

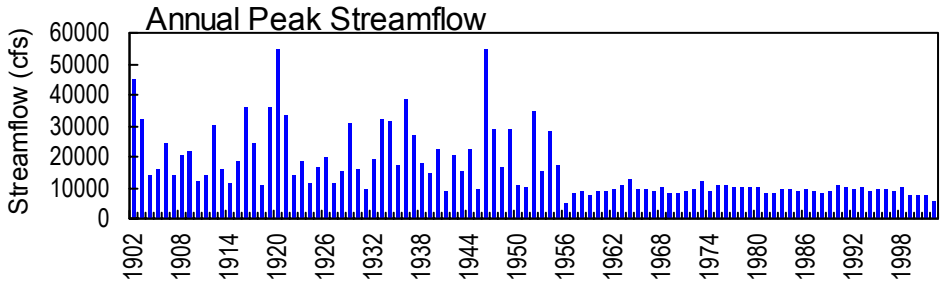
Drainage Area: 1,170. mi^2 Datum: 878.14 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA

LOCATION.—Lat 33°59'50", long 84°12'07" referenced to North American Datum (NAD) of 1983, Gwinnett-Fulton County line, Hydrologic Unit 03130001, on downstream side of right bank pier of bridge on GA 141, 1.5 miles upstream from John Creek, 4.5 miles north of Norcross, 6.5 miles downstream from Suwanee Creek, 18.0 miles downstream from Buford Dam, and at mile 330.8.

DRAINAGE AREA.—1,170 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division, Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1902 to September 1946, October 1956 to current year. Monthly discharge only for October to December 1902, published in WSP 1304. Gage-height records collected at same site 1910-33, and since 1945 are contained in reports of National Weather Service.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 878.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to July 13, 1955, a non-recording gage was located at a site 500 feet downstream at same datum. From July 14, 1955 to March 11, 1957, a non-recording gage was located at present site and datum.

REMARKS.—Records good, except for period of estimated discharge, which is fair. Flow regulated by Lake Sidney Lanier since January 1956. Diversion and return flow above station regulated by Gwinnett County. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1896, is 27.70 feet, January 8, 1946, discharge, 55,000 ft^3/s, from rating extended above 36,000 ft^3/s on the basis of computation of peak flow over Morgan Falls Dam.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1902 to September 1946, October 1956 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 878.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to July 13, 1955, a non-recording gage was located at a site 500 feet downstream at same datum. From July 14, 1955 to March 11, 1957, a non-recording gage was located at present site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.79 feet, September 12; minimum gage-height recorded, 1.60 feet, January 16, March 1.

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—June 29, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00* CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
Date Processed: 2003-03-11 10:13 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1030	862	868	843	621	616	1180	1020	716	944	1140	1130
2	1110	852	877	839	781	1220	814	913	740	1150	1110	1140
3	1020	1120	993	861	776	1280	735	992	919	1010	1080	1710
4	1050	966	832	825	966	791	705	2700	970	943	818	1620
5	997	1040	1010	673	956	839	688	1450	826	953	938	1560
6	1090	859	840	979	898	673	674	811	881	976	1220	2310
7	919	866	848	758	1300	660	788	699	1010	999	1080	1390
8	890	1030	841	688	808	808	666	711	815	891	1270	929
9	1050	945	839	674	698	646	649	784	763	960	1110	1640
10	1140	826	1080	844	682	662	655	795	756	1020	1020	1820
11	1190	848	976	791	665	800	651	657	802	1020	793	2360
12	1000	848	871	664	812	758	871	665	856	1030	908	2640
13	1040	1030	915	843	646	925	922	798	947	875	1180	1930
14	929	848	951	1250	788	761	700	727	948	778	1380	1600
15	942	1030	875	1020	630	676	661	757	901	908	1240	1060
16	1050	840	848	845	908	668	658	802	914	974	1090	847
17	878	964	907	658	628	665	655	749	897	1020	1360	961
18	1040	830	1020	852	783	658	644	1000	883	946	1020	1530
19	878	852	820	2030	624	649	638	808	829	975	1160	1020
20	1200	981	2220	2190	920	715	677	756	1040	1020	1130	1090
21	986	1080	1100	1250	659	884	758	709	1330	891	1190	1440
22	975	906	863	960	791	682	665	785	1110	1080	1300	1400
23	1130	946	928	1360	617	645	761	764	930	1600	1540	984
24	1140	965	1030	1040	767	810	1100	812	932	1290	1150	1110
25	1060	1020	896	2400	617	639	988	812	937	1200	1030	e1140
26	1190	857	879	1090	777	707	634	784	957	928	1030	e1010
27	903	863	875	733	748	784	606	788	980	889	1580	1060
28	1020	835	874	680	921	836	764	746	977	981	1460	1030
29	1040	827	845	656	---	644	792	855	921	1000	1470	967
30	1030	879	838	639	---	1500	802	858	874	1120	1540	942
31	1140	---	844	627	---	2810	---	760	---	1110	1190	---
TOTAL	32057	27615	29403	30562	21787	26411	22501	27267	27361	31481	36527	41370
MEAN	1034	920	948	986	778	852	750	880	912	1016	1178	1379
MAX	1200	1120	2220	2400	1300	2810	1180	2700	1330	1600	1580	2640
MIN	878	826	820	627	617	616	606	657	716	778	793	847
CFSM	0.88	0.79	0.81	0.84	0.67	0.73	0.64	0.75	0.78	0.87	1.01	1.18
IN.	1.02	0.88	0.93	0.97	0.69	0.84	0.72	0.87	0.87	1.00	1.16	1.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2002, BY WATER YEAR (WY)

MEAN	1992	1897	1707	2097	2292	2519	2865	2413	2060	2054	2375	2201
MAX	4196	4433	5778	6802	6797	6053	8042	7509	5476	3427	3875	4423
(WY)	1992	1975	1993	1993	1996	1990	1964	1964	1973	1963	1994	1967
MIN	502	698	558	529	709	647	608	696	569	598	501	523
(WY)	1958	1957	1958	1958	1957	1959	1959	1958	1957	1957	1957	1957

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1957 - 2002	
ANNUAL TOTAL	386514		354342			
ANNUAL MEAN	1059		971		2205	
HIGHEST ANNUAL MEAN					3431	1993
LOWEST ANNUAL MEAN					971	2002
HIGHEST DAILY MEAN	4460	Jul 31	2810	Mar 31	11200	Apr 6 1964
LOWEST DAILY MEAN	629	May 21	606	Apr 27	351	Sep 1 1957
ANNUAL SEVEN-DAY MINIMUM	718	Apr 6	662	Apr 14	416	Aug 31 1957
MAXIMUM PEAK FLOW			5960	Sep 12	13200	Apr 5 1964
MAXIMUM PEAK STAGE			7.79	Sep 12	13.10	Apr 5 1964
ANNUAL RUNOFF (CFSM)	0.91		0.83		1.88	
ANNUAL RUNOFF (INCHES)	12.29		11.27		25.60	
10 PERCENT EXCEEDS	1430		1270		4420	
50 PERCENT EXCEEDS	997		908		1600	
90 PERCENT EXCEEDS	740		665		758	

e Estimated

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00* CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
Date Processed: 2003-03-11 10:13 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.25	2.01	2.08	2.06	1.74	1.72	2.75	2.48	1.91	2.29	2.61	2.59
2	2.38	1.99	2.10	2.05	2.04	2.76	2.12	2.28	1.96	2.67	2.55	2.61
3	2.23	2.45	2.30	2.09	2.03	2.91	1.97	2.41	2.25	2.46	2.50	3.36
4	2.28	2.19	2.03	2.02	2.35	2.08	1.91	4.58	2.34	2.33	2.04	3.21
5	2.19	2.31	2.34	1.72	2.34	2.15	1.87	3.15	2.13	2.32	2.24	3.15
6	2.35	2.02	2.04	2.29	2.24	1.84	1.85	2.12	2.22	2.37	2.73	4.06
7	2.07	2.03	2.06	1.89	2.94	1.82	2.05	1.90	2.44	2.40	2.51	2.91
8	2.01	2.31	2.05	1.75	2.11	2.09	1.83	1.91	2.10	2.23	2.82	2.31
9	2.28	2.16	2.05	1.73	1.89	1.79	1.80	2.05	2.00	2.32	2.55	3.27
10	2.43	1.97	2.46	2.04	1.86	1.82	1.81	2.08	1.99	2.43	2.41	3.48
11	2.50	2.01	2.29	1.95	1.83	2.08	1.80	1.81	2.08	2.44	1.99	4.11
12	2.21	2.01	2.11	1.71	2.10	2.01	2.21	1.82	2.17	2.45	2.19	4.39
13	2.27	2.31	2.19	2.03	1.79	2.32	2.30	2.08	2.32	2.20	2.66	3.61
14	2.09	2.01	2.25	2.73	2.05	2.02	1.90	1.95	2.33	2.04	2.96	3.32
15	2.12	2.33	2.12	2.32	1.76	1.85	1.82	2.00	2.25	2.26	2.75	2.59
16	2.30	2.00	2.07	2.04	2.26	1.83	1.81	2.08	2.27	2.36	2.52	2.22
17	2.01	2.21	2.17	1.69	1.75	1.83	1.81	1.98	2.24	2.44	2.93	2.41
18	2.28	1.99	2.35	2.05	2.04	1.81	1.79	2.45	2.21	2.32	2.41	3.34
19	2.01	2.03	2.00	3.72	1.75	1.80	1.77	2.09	2.12	2.33	2.61	2.52
20	2.56	2.26	3.91	4.04	2.27	1.92	1.85	1.99	2.45	2.43	2.52	2.61
21	2.19	2.43	2.50	2.78	1.81	2.25	1.99	1.91	2.84	2.23	2.69	3.22
22	2.18	2.13	2.10	2.31	2.06	1.86	1.82	2.05	2.55	2.48	2.84	3.17
23	2.44	2.20	2.21	3.00	1.73	1.79	2.00	2.01	2.31	3.26	3.18	2.48
24	2.45	2.24	2.39	2.48	2.01	2.10	2.56	2.10	2.31	2.87	2.61	2.67
25	2.34	2.33	2.16	4.35	1.72	1.77	2.41	2.10	2.31	2.70	2.42	---
26	2.55	2.05	2.12	2.58	2.04	1.91	1.77	2.05	2.34	2.23	2.43	---
27	2.07	2.06	2.12	1.97	1.98	2.06	1.70	2.05	2.37	2.18	3.28	2.66
28	2.28	2.02	2.11	1.86	2.27	2.15	2.01	1.97	2.38	2.34	3.07	2.62
29	2.31	2.01	2.06	1.81	---	1.79	2.05	2.16	2.28	2.38	3.08	2.51
30	2.28	2.10	2.05	1.78	---	3.07	2.08	2.16	2.20	2.59	3.19	2.47
31	2.46	---	2.06	1.75	---	4.77	---	2.00	---	2.55	2.64	---
MEAN	2.27	2.14	2.22	2.28	2.03	2.13	1.98	2.19	2.26	2.42	2.64	---
MAX	2.56	2.45	3.91	4.35	2.94	4.77	2.75	4.58	2.84	3.26	3.28	---
MIN	2.01	1.97	2.00	1.69	1.72	1.72	1.70	1.81	1.91	2.04	1.99	---

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00* CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
Date Processed: 2003-03-11 10:13 By acday
APPROVED
DD #7, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
2	---	---	---	---	---	---	---	---	---	0.00	0.01	0.00
3	---	---	---	---	---	---	---	---	---	1.21	0.00	0.00
4	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
5	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
6	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
8	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
10	---	---	---	---	---	---	---	---	---	0.02	0.00	0.00
11	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
12	---	---	---	---	---	---	---	---	---	0.02	0.00	0.00
13	---	---	---	---	---	---	---	---	---	0.05	0.00	0.00
14	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
15	---	---	---	---	---	---	---	---	---	0.00	0.06	0.00
16	---	---	---	---	---	---	---	---	---	0.00	0.42	0.00
17	---	---	---	---	---	---	---	---	---	0.00	0.27	0.00
18	---	---	---	---	---	---	---	---	---	0.00	0.27	0.06
19	---	---	---	---	---	---	---	---	---	0.00	0.28	0.00
20	---	---	---	---	---	---	---	---	---	0.00	0.00	0.12
21	---	---	---	---	---	---	---	---	---	0.02	0.00	0.61
22	---	---	---	---	---	---	---	---	---	0.00	0.00	0.07
23	---	---	---	---	---	---	---	---	---	0.84	0.00	0.00
24	---	---	---	---	---	---	---	---	---	0.48	0.00	0.01
25	---	---	---	---	---	---	---	---	---	0.01	0.07	---
26	---	---	---	---	---	---	---	---	---	0.68	0.33	---
27	---	---	---	---	---	---	---	---	---	0.00	0.00	---
28	---	---	---	---	---	---	---	---	---	0.00	0.00	---
29	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
30	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	---	---	0.48	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	3.82	1.71	---

APALACHICOLA RIVER BASIN
2002 Water Year

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA

LOCATION.—Lat 33°59'50", long 84°12'07" referenced to North American Datum (NAD) of 1983, Gwinnett-Fulton County line, Hydrologic Unit 03130001, on downstream side of right bank pier of bridge on GA 141, 1.5 miles upstream from John Creek, 4.5 miles north of Norcross, 6.5 miles downstream from Suwanee Creek, 18.0 miles downstream from Buford Dam, and at mile 330.8.

DRAINAGE AREA.—1,170 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division, Georgia Power Corporation.

PERIOD OF RECORD.—May 24, 2002 to September 30, 2002.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: May 24, 2002 to September 30, 2002.
WATER TEMPERATURE: May 24, 2002 to September 30, 2002.
TURBIDITY: May 24, 2002 to September 30, 2002.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 68 microsiemens, September 14; minimum, 47 microsiemens, July 31.
WATER TEMPERATURE: Maximum, 19.5°C, September 21; minimum, 10.8°C, September 10.
TURBIDITY: Maximum, 576 NTU, July 24; minimum, <2.0 NTU, several days during year.

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
Date Processed: 2003-03-13 15:37 By ceoberst
APPROVED
DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
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APPROVED
DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
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25	---	---	---	---	---	---	---	---	---	54	51	53
26	---	---	---	---	---	---	---	---	---	54	51	53
27	---	---	---	---	---	---	---	---	---	54	52	53
28	---	---	---	---	---	---	---	---	---	54	51	52
29	---	---	---	---	---	---	---	---	---	54	51	53
30	---	---	---	---	---	---	---	---	---	54	50	51
31	---	---	---	---	---	---	---	---	---	53	51	52
MONTH	---	---	---	---	---	---	---	---	---	54	50	52

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
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DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	53	51	52	54	51	52	58	50	53	53	52	53
2	53	51	52	61	51	56	51	50	51	53	52	53
3	53	50	52	54	49	52	51	50	51	53	52	53
4	53	49	51	58	51	54	52	51	51	54	52	53
5	57	52	53	52	50	51	52	50	51	53	52	53
6	57	48	54	52	50	51	---	---	---	53	51	52
7	59	53	55	52	50	51	---	---	---	53	51	52
8	54	52	52	52	50	51	52	51	52	53	52	52
9	53	52	53	52	50	51	52	51	52	52	51	52
10	55	52	53	52	49	51	53	51	52	52	51	52
11	55	51	52	57	50	52	53	52	52	52	51	51
12	54	51	53	54	51	53	53	52	52	52	50	51
13	53	50	51	53	50	52	52	51	52	52	51	51
14	54	50	52	53	51	52	52	51	52	68	50	58
15	54	51	53	---	---	---	53	51	52	59	55	56
16	54	51	52	---	---	---	58	51	53	58	55	57
17	53	51	52	52	50	51	58	51	52	55	53	54
18	53	50	51	52	50	51	53	52	52	61	51	55
19	52	50	51	52	49	51	54	52	53	59	55	56
20	52	50	51	52	49	50	56	51	54	56	53	54
21	52	49	50	52	50	51	53	51	52	60	52	55
22	52	49	50	51	49	51	52	51	52	62	53	57
23	53	50	51	51	49	50	54	51	53	58	56	57
24	55	52	53	59	49	54	54	53	54	57	54	55
25	52	50	51	52	50	51	54	53	54	---	---	---
26	53	50	51	51	50	51	54	53	54	---	---	---
27	---	---	---	53	51	52	65	53	57	60	56	57
28	---	---	---	52	50	51	54	52	53	58	55	56
29	53	50	51	51	50	51	54	52	53	55	55	55
30	53	50	52	51	50	50	52	51	52	55	54	55
31	---	---	---	52	47	51	53	51	53	---	---	---
MONTH	59	48	52	61	47	52	65	50	53	68	50	54
YEAR	68	47	53									

1 U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
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MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
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24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	14.2	13.1	13.6
26	---	---	---	---	---	---	---	---	---	14.4	13.3	13.8
27	---	---	---	---	---	---	---	---	---	14.1	13.1	13.6
28	---	---	---	---	---	---	---	---	---	15.1	13.5	14.2
29	---	---	---	---	---	---	---	---	---	14.8	13.7	14.3
30	---	---	---	---	---	---	---	---	---	14.4	11.8	13.1
31	---	---	---	---	---	---	---	---	---	15.2	13.3	14.2
MONTH	---	---	---	---	---	---	---	---	---	15.2	11.8	13.8

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
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APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15.7	14.1	14.9	15.1	13.6	14.5	14.8	12.9	13.8	13.9	11.4	12.7
2	16.1	14.6	15.3	16.7	11.4	14.4	14.3	13.3	13.9	14.0	11.4	12.8
3	16.0	14.8	15.4	17.4	12.3	14.0	14.4	12.0	13.3	13.8	11.4	12.7
4	15.5	11.2	13.3	15.8	12.5	14.3	16.4	13.7	14.6	14.2	11.2	12.4
5	16.7	14.6	15.6	15.5	14.0	14.8	16.4	13.5	14.5	14.0	11.0	12.4
6	17.5	14.7	15.5	15.4	11.6	13.5	---	---	---	14.4	10.9	12.5
7	17.2	16.0	16.6	15.0	13.1	14.1	14.5	---	---	13.8	11.1	12.3
8	16.7	15.0	15.9	15.3	12.0	13.6	14.2	12.0	13.1	13.6	12.4	13.2
9	16.1	14.6	15.4	14.9	12.4	13.8	13.8	12.0	13.0	13.7	11.3	12.7
10	15.7	14.1	14.9	14.9	11.4	13.2	13.6	12.0	12.9	13.5	10.8	12.0
11	15.6	14.1	14.9	15.2	12.1	13.5	15.4	12.6	13.6	13.4	10.9	11.8
12	15.5	13.8	14.6	13.9	12.0	12.9	15.1	12.6	13.5	13.7	10.9	11.9
13	15.0	12.0	13.8	13.6	11.8	12.5	13.5	12.1	12.9	13.3	11.6	12.4
14	14.8	12.2	13.3	15.2	12.1	13.5	13.2	11.4	12.4	16.1	11.6	14.4
15	14.8	11.4	13.1	---	---	---	13.5	11.3	12.4	15.7	14.6	15.4
16	14.7	12.2	13.5	15.4	---	---	14.7	12.2	13.1	15.5	14.3	14.9
17	14.3	12.1	13.3	15.4	12.3	14.0	14.6	11.4	12.9	14.3	12.5	13.2
18	14.4	12.2	13.4	15.4	12.1	13.8	13.7	13.1	13.5	17.3	12.9	15.5
19	14.3	12.3	13.4	15.6	12.9	14.2	13.8	13.1	13.5	16.8	13.3	14.2
20	14.9	12.9	13.9	15.3	11.3	13.2	14.9	11.7	13.3	14.0	11.5	12.8
21	14.6	11.0	12.8	15.2	12.3	13.9	14.7	12.1	13.2	19.5	12.2	14.3
22	14.0	10.9	12.3	14.8	12.7	13.9	14.0	12.0	12.9	19.0	16.8	18.1
23	15.4	12.7	13.8	14.0	11.1	12.5	14.0	11.0	12.5	16.8	13.6	15.0
24	14.8	12.5	13.8	16.5	13.1	14.8	14.0	11.6	12.9	13.7	12.2	13.0
25	14.6	12.7	13.6	13.6	11.9	12.8	14.5	13.2	13.8	---	---	---
26	13.7	11.4	12.5	15.0	12.3	13.6	14.1	13.0	13.6	---	---	---
27	---	---	---	15.0	13.0	14.1	13.9	11.8	13.1	15.9	14.2	15.1
28	---	---	---	14.5	13.5	13.9	13.8	11.6	12.6	15.9	13.3	14.3
29	14.8	11.9	13.4	14.9	13.7	14.2	13.8	11.7	12.7	13.3	12.7	13.0
30	15.3	12.8	14.2	14.4	13.4	13.8	13.2	11.4	12.2	13.0	12.7	12.8
31	---	---	---	15.9	13.7	14.6	13.3	11.3	12.3	---	---	---
MONTH	17.5	10.9	14.2	17.4	11.1	13.8	16.4	11.0	13.2	19.5	10.8	13.5
YEAR	19.5	10.8	13.7									

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
Date Processed: 2003-03-13 15:37 By ceoberst
APPROVED
DD #9, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
Date Processed: 2003-03-13 15:37 By ceoberst
APPROVED
DD #9, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	9.0	3.9	5.0
26	---	---	---	---	---	---	---	---	---	8.3	3.5	5.0
27	---	---	---	---	---	---	---	---	---	9.0	3.8	5.0
28	---	---	---	---	---	---	---	---	---	10	2.6	4.1
29	---	---	---	---	---	---	---	---	---	21	3.3	4.3
30	---	---	---	---	---	---	---	---	---	18	3.7	6.2
31	---	---	---	---	---	---	---	---	---	6.9	2.9	4.1
MAX	---	---	---	---	---	---	---	---	---	21	3.9	6.2
MIN	---	---	---	---	---	---	---	---	---	6.9	2.6	4.1

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335950 LONGITUDE 0841207 NAD83 DRAINAGE AREA 1170.00 CONTRIBUTING DRAINAGE AREA DATUM 878.14 NGVD29
Date Processed: 2003-03-13 15:37 By ceoberst
APPROVED
DD #9, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.3	2.8	3.8	14	<2.0	2.3	40	9.3	12	11	3.1	4.0
2	6.0	3.3	4.4	246	3.3	110	14	3.6	6.2	11	2.7	3.6
3	28	2.9	3.9	100	9.7	19	13	4.1	5.6	42	2.1	4.3
4	24	2.9	4.6	44	5.7	20	6.5	3.3	4.5	30	2.0	3.6
5	14	4.6	8.1	36	3.2	6.7	17	2.8	3.6	37	2.1	3.6
6	201	4.4	9.5	26	2.2	3.4	11	---	---	62	2.4	6.7
7	152	34	69	24	<2.0	2.7	---	<2.0	---	41	2.8	5.2
8	38	7.2	11	7.6	<2.0	<2.0	10	<2.0	2.8	27	2.9	4.8
9	12	5.0	6.1	19	<2.0	<2.0	6.8	<2.0	2.8	42	<2.0	5.2
10	10	3.2	4.5	---	---	---	6.9	2.1	2.7	26	2.0	3.3
11	12	3.1	4.1	---	---	---	5.4	2.0	2.7	32	<2.0	4.4
12	13	3.3	4.3	---	---	---	12	<2.0	2.7	87	2.1	4.4
13	15	3.4	5.0	---	---	---	17	2.0	3.5	60	2.8	5.4
14	14	3.7	7.2	---	---	---	21	<2.0	3.5	94	14	58
15	14	4.0	4.9	---	---	---	15	2.1	3.4	66	31	54
16	14	4.0	5.8	---	---	---	48	2.0	2.9	38	9.1	21
17	12	2.2	3.8	9.2	2.1	3.5	48	4.6	7.3	21	4.1	7.5
18	9.2	2.3	3.5	7.9	2.2	3.4	7.5	2.7	4.1	320	6.8	173
19	12	2.3	3.6	16	2.2	3.2	25	2.0	2.8	185	14	23
20	25	2.7	3.8	12	2.5	3.6	21	2.9	4.1	44	5.8	8.4
21	111	2.7	4.7	7.6	2.8	3.4	9.5	<2.0	3.0	528	7.4	14
22	86	3.4	8.9	45	<2.0	3.1	13	2.3	3.2	458	94	178
23	126	3.5	6.6	35	2.9	7.1	14	2.2	3.3	101	18	35
24	34	2.9	7.1	576	10	71	9.1	2.2	3.2	69	8.1	17
25	11	2.0	2.9	39	5.4	11	4.5	2.1	2.8	---	---	---
26	10	2.1	2.9	13	4.8	6.2	5.0	<2.0	2.5	---	---	---
27	---	---	---	8.7	4.4	6.4	73	4.6	24	52	18	26
28	---	---	---	8.6	3.9	5.4	44	4.1	7.1	52	7.2	18
29	7.0	<2.0	2.8	7.3	2.9	4.2	48	4.2	6.0	8.4	4.1	5.9
30	5.9	<2.0	2.6	9.1	2.8	4.0	24	2.9	4.3	7.0	2.9	4.1
31	---	---	---	99	2.8	4.1	20	2.8	3.6	---	---	---
MAX	201	34	69	576	10	110	73	9.3	24	528	94	178
MIN	5.9	<2.0	2.6	7.3	<2.0	<2.0	4.5	<2.0	2.5	7.0	<2.0	3.3

YEAR			
	MAX	MAXIMUM 576	MINIMUM 4.5
	MIN	MAXIMUM 94	MINIMUM <2.0
	MEDIAN	MAXIMUM 178	MINIMUM <2.0

< Actual value is known to be less than the value shown

APALACHICOLA RIVER BASIN
2002 Water Year

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA

LOCATION.—Lat 33°59'51", long 84°12'08" referenced to North American Datum (NAD) of 1983, Gwinnett-Fulton County line, Hydrologic Unit 03130001, on downstream side of right bank pier of bridge on GA 141, 1.5 miles upstream from John Creek, 4.5 miles north of Norcross, 6.5 miles downstream from Suwanee Creek, 18 miles downstream from Buford Dam, and at mile 330.8.

DRAINAGE AREA.—1,170 mi^2, approximately.

PERIODIC WATER-QUALITY RECORDS

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
OCT					
01...	0816	2.7	53	54	900
02...	0911	2.9	54	28	347
03...	0730	3.0	54	35	356
04...	0728	3.0	54	52	375
05...	0910	2.9	54	31	2090
06...	1045	4.1	53	300	10400
07...	0800	11	60	310	4820
08...	0815	3.9	53	26	640
09...	0940	4.0	47	56	702
10...	1005	3.3	53	45	427
11...	1000	2.9	53	48	675
12...	0905	2.2	54	37	665
13...	0750	3.3	--	45	426
14...	0720	3.1	--	170	3420
15...	0900	4.5	--	70	1510
16...	0845	3.8	53	75	3540
17...	0937	3.0	52	24	425
18...	0940	3.6	51	39	489
19...	0910	2.4	54	12	1670
20...	0918	2.7	54	37	499
21...	0900	2.9	54	18	356
22...	0845	3.0	55	25	469
23...	1020	4.0	55	33	628
24...	0859	4.0	54	69	957
25...	0808	4.0	55	87	1210
26...	0815	4.0	51	38	679
27...	0839	4.0	52	20	648
28...	0920	6.0	51	21	430
29...	1005	5.0	52	19	440
30...	1204	3.0	53	18	221
31...	0921	3.0	53	17	377
NOV					
01...	0955	3.0	53	22	418
02...	1115	3.6	53	8	291
03...	0940	5.1	51	34	694
04...	1035	3.4	51	19	503
05...	0940	4.5	53	21	348
06...	1153	4.5	55	17	378
07...	1001	5.5	55	25	407
08...	1038	6.6	54	34	420
09...	1205	4.7	55	21	237
10...	0940	3.7	55	38	620
11...	1045	4.5	55	12	210
12...	1100	5.9	55	15	197
13...	0950	4.8	54	63	778
14...	0930	4.7	55	16	365
15...	1030	6.2	54	76	680
16...	1030	4.3	56	25	681
17...	0921	4.4	56	28	565
18...	1047	3.2	55	22	424
19...	0911	4.9	56	18	373
20...	1034	6.1	55	68	998
21...	1011	6.4	55	50	502
22...	0950	5.0	56	18	370

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	TURBIDITY LAB (NTU) (82079)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	E COLI, COLILERT QUANTRY WATER (MPN/100 ML) (50468)	TOTAL COLIFORM, COLILRT QNT,WTR (MPN/100 ML) (50569)
23...	1016	6.0	53	26	385
24...	0929	8.0	62	160	2180
25...	1000	6.0	53	78	1320
26...	0905	6.3	56	26	845
27...	1129	4.7	53	22	249
28...	1040	5.5	51	24	396
29...	0935	5.7	52	30	417
30...	1045	5.7	48	270	4310
DEC					
01...	1013	6.4	49	51	789
02...	1031	6.1	47	22	697
03...	0930	6.8	45	130	1340
04...	0945	5.6	46	32	490
05...	0945	6.3	45	46	213
06...	0930	4.2	44	40	652
07...	0945	5.9	57	23	443
08...	1027	5.7	57	30	545
09...	0805	6.1	57	16	519
10...	1015	6.0	57	140	3070
11...	1050	7.5	62	300	4110
12...	0950	6.5	58	63	876
13...	1125	6.2	57	51	1090
14...	1050	8.3	60	200	1340
15...	0845	6.9	58	45	941
16...	0900	7.5	56	26	503
17...	0955	6.0	55	26	670
18...	1205	74	62	1600	19900
19...	1150	22	58	240	5720
20...	1045	100	54	590	10200
21...	1120	6.3	56	93	1260
22...	0855	5.7	55	45	1060
27...	1040	8.3	57	33	602
28...	1100	8.2	56	31	771
29...	0950	7.9	57	21	275
30...	0820	7.6	57	25	250
JAN					
04...	1135	3.5	56	34	546
05...	0915	3.7	57	39	829
06...	1008	7.3	56	200	3540
07...	0940	15	64	280	9520
08...	0910	7.0	57	99	3170
09...	1055	4.0	54	47	604
10...	1102	4.0	56	110	870
11...	1100	3.0	57	53	785
12...	0955	2.5	56	47	513
13...	1022	3.5	54	71	884
14...	1005	4.0	53	57	325
15...	1150	2.0	54	23	342
16...	1030	2.0	55	41	357
17...	1022	3.0	55	36	269
18...	1212	2.0	61	19	334
19...	0910	4.0	53	45	415
20...	0955	250	50	1100	72800
21...	1350	40	56	550	16400
22...	1200	51	55	500	15400
23...	1028	87	54	720	12500
24...	0922	47	56	360	6750
25...	1109	170	52	950	27600
26...	0835	61	54	330	7020
27...	1020	17	59	32	1490
28...	0955	8.4	59	30	963
29...	1055	6.5	59	14	562
30...	1017	6.3	58	15	361
31...	0950	6.4	58	27	315

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	TURBIDITY LAB (NTU) (82079)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	E COLI, COLILERT QUANTRY WATER (MPN/100 ML) (50468)	TOTAL COLIFORM, COLILRT QNT,WTR (MPN/100 ML) (50569)
FEB					
01...	1145	5.1	59	29	207
02...	0954	4.7	58	35	569
03...	1004	6.0	57	28	847
04...	0921	3.3	55	41	532
05...	0922	2.4	55	41	331
06...	0750	3.5	54	75	1050
07...	1020	67	56	3400	24700
08...	1026	21	59	390	6660
09...	1021	8.1	61	82	1290
10...	1009	5.7	58	48	478
11...	0935	4.6	58	15	757
12...	1100	4.6	58	19	364
13...	0946	2.1	56	29	320
14...	0920	2.2	57	29	282
15...	1036	2.5	58	17	323
16...	0955	3.9	55	51	159
17...	1004	2.7	57	29	291
18...	1110	3.0	56	20	313
19...	1158	2.1	56	24	241
20...	1140	2.3	57	24	306
21...	1135	2.6	58	24	222
22...	1225	2.5	59	34	436
23...	0928	2.0	56	40	276
24...	1125	2.2	57	30	254
25...	1202	2.1	56	33	390
26...	1000	1.8	58	40	625
27...	1045	2.0	57	24	463
28...	1020	2.1	57	14	233
MAR					
01...	1221	2.0	53	27	240
02...	1130	6.6	54	180	6040
03...	0959	97	51	1000	40100
04...	1033	15	57	140	3380
05...	1243	6.9	55	390	909
06...	1100	4.9	58	37	943
07...	1040	4.0	58	19	1380
08...	1035	2.9	46	32	352
09...	0655	3.0	44	32	414
10...	1008	3.4	43	30	412
11...	1109	3.0	49	47	226
13...	1110	9.9	51	210	2680
14...	0930	21	48	390	4570
15...	1008	6.1	58	65	1860
16...	0935	6.1	58	38	664
17...	0930	3.7	48	31	597
18...	1124	2.6	58	43	379
19...	1017	3.0	58	30	593
20...	1040	2.3	59	45	403
21...	1053	4.6	58	390	2530
22...	0911	5.7	60	100	6130
23...	0943	2.8	59	41	933
24...	0929	3.0	50	36	747
25...	1117	2.4	56	54	542
26...	1350	3.1	57	69	479
27...	0930	9.6	61	270	5790
28...	1010	7.0	56	46	3000
29...	0927	3.0	59	43	965
30...	1035	3.0	60	470	13600
31...	1017	270	42	5100	63900

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	TURBIDITY LAB (NTU) (82079)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	E COLI, COLILERT QUANTRY WATER (MPN/100 ML) (50468)	TOTAL COLIFORM, COLILRT QNT,WTR (MPN/100 ML) (50569)
APR					
01...	0927	49	41	590	9700
02...	1135	57	47	160	1940
03...	1000	10	44	56	1270
04...	1010	6.7	44	55	1040
05...	1352	4.6	58	22	635
06...	1115	4.5	61	41	638
07...	0745	4.8	51	51	626
08...	0616	4.7	42	83	1250
09...	0908	3.0	44	52	427
10...	1000	3.0	44	75	1150
11...	1000	3.0	46	56	607
12...	0953	3.6	52	210	2440
13...	0900	6.3	55	260	6250
14...	0847	4.8	52	46	809
15...	0942	4.0	51	50	873
16...	1006	3.0	51	29	946
17...	0952	4.0	49	70	1040
18...	0958	3.0	51	68	276
19...	0910	2.0	63	47	281
20...	0838	2.0	58	39	537
21...	0844	4.0	56	220	1510
22...	1010	2.2	56	56	511
23...	1115	2.4	54	100	876
24...	0902	6.1	52	220	1960
25...	0920	4.7	52	140	3430
26...	0926	4.5	68	110	2980
27...	0909	2.2	57	9	754
28...	0900	2.6	51	87	1520
29...	0850	3.1	54	180	4520
30...	1000	3.0	54	80	2450
MAY					
01...	0840	4.2	54	27	1680
02...	0841	38	54	900	25900
03...	1001	6.3	57	220	3450
04...	0924	240	47	8400	345000
05...	0850	170	47	4800	167000
06...	1128	24	56	160	7030
07...	1005	14	58	150	6870
08...	1028	11	47	110	5160
09...	0958	10	49	240	4880
10...	1028	71	58	2000	137000
11...	0847	16	56	160	14600
12...	0900	8.0	56	57	3360
13...	0830	4.0	45	270	5170
14...	0936	9.0	47	190	5420
15...	0805	7.4	43	140	4350
16...	0903	4.7	40	120	2880
17...	0825	3.0	54	28	1950
18...	0824	7.0	53	450	26400
19...	0805	7.0	56	390	9780
20...	1025	2.4	54	180	1370
21...	1040	2.0	54	28	1080
22...	0817	2.0	52	63	1870
23...	0836	2.5	52	63	1870
24...	1041	2.8	52	58	1700
25...	1125	3.0	53	39	1150
26...	0839	4.0	52	71	2220
27...	0847	3.0	53	76	2070
28...	1007	1.8	53	50	2600
29...	1007	2.0	51	58	2660
30...	1019	4.3	52	120	2570
31...	1007	2.6	53	85	1340

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
JUN					
01...	0805	3.0	52	56	1950
02...	0826	2.7	52	86	1980
03...	1010	2.4	52	48	1570
04...	1130	2.5	52	130	2750
05...	1000	6.3	53	200	11000
06...	0949	6.0	55	110	3880
07...	0941	63	56	2000	248000
08...	0846	9.0	54	150	7130
09...	0850	4.0	53	120	3300
10...	1010	1.7	52	37	1490
11...	1055	1.6	51	47	983
12...	0846	2.3	51	37	2530
13...	0838	1.8	52	99	3450
14...	1010	2.0	--	90	2160
15...	0817	2.0	--	100	4880
16...	0930	3.0	--	87	2520
17...	0905	1.0	--	52	1470
18...	0900	3.0	--	46	1510
19...	0925	2.0	--	44	2470
20...	0906	2.0	--	58	2090
21...	0830	1.0	--	110	3090
22...	0829	4.0	--	180	5790
23...	0900	3.0	--	87	2990
24...	0905	2.0	--	140	5000
25...	0921	1.0	--	110	2900
26...	0905	1.0	--	94	2790
27...	0845	2.0	--	85	4410
28...	0930	2.0	--	76	2140
29...	0847	2.0	--	37	2140
30...	0852	2.0	--	33	2050
JUL					
01...	0845	1.0	--	37	1790
02...	0832	15	--	800	32800
03...	0905	7.0	--	210	11200
04...	0830	4.0	--	76	4520
05...	0837	6.0	--	130	3200
06...	0910	3.0	--	57	3550
07...	0834	4.0	--	97	2190
09...	0813	2.0	--	60	2920
10...	0823	3.0	--	150	5480
11...	0807	2.0	--	66	4510
12...	1015	4.0	--	67	8390
13...	0945	3.0	--	47	1780
14...	1002	3.0	--	57	1810
15...	0910	1.0	--	28	1270
16...	0910	2.0	--	47	2630
17...	0840	1.0	--	76	2500
18...	0845	1.0	--	53	1990
19...	1115	2.0	--	44	792
20...	0950	2.0	--	76	2650
21...	0855	2.0	--	40	1670
22...	0840	2.0	--	61	1890
23...	0745	3.0	--	130	9210
24...	0855	55	--	2300	86600
25...	0905	7.0	--	230	5650
26...	0915	3.0	--	46	2140
27...	1020	4.0	--	66	3180
28...	0715	2.0	--	57	2320
29...	0800	3.0	--	34	2570
30...	0820	2.0	--	45	3300
31...	0905	2.0	--	30	1840

02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	TUR-BID-ITY LAB (NTU) (82079)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
AUG				
01...	0836	7.0	210	10500
02...	0855	4.0	43	1460
03...	0858	3.0	51	2930
04...	0910	3.0	54	1700
05...	0835	2.0	39	1460
06...	0840	2.0	75	3450
07...	0940	2.0	24	2160
08...	0855	2.0	50	2080
09...	0912	2.0	43	1600
10...	0920	2.0	17	1370
11...	0914	2.0	30	744
12...	0912	2.0	27	778
13...	0900	2.0	46	4000
14...	0910	2.0	52	1870
15...	0915	1.0	51	2240
16...	0925	2.0	43	2500
17...	1017	3.0	220	11500
18...	0913	2.0	69	3120
19...	0920	1.0	36	1840
20...	0940	3.0	140	8160
21...	0955	2.0	74	2880
22...	0905	2.0	69	2400
23...	0920	1.0	56	2910
24...	0822	2.0	24	2460
25...	0815	2.0	37	2370
26...	0844	1.0	37	1580
27...	0933	15	380	16200
28...	0900	4.0	110	3910
29...	0849	4.0	57	3360
30...	0821	2.0	79	2850
31...	0827	2.0	90	2310
SEP				
01...	0815	3.0	100	4080
02...	0813	3.0	66	1940
03...	0849	4.0	77	2730
04...	0825	3.0	200	4150
05...	0920	2.0	67	2520
06...	0830	3.0	130	3800
07...	0915	2.0	44	2560
08...	0830	2.0	66	3110
09...	0944	2.0	57	2920
10...	0917	2.0	73	2690
11...	1008	2.0	52	2890
12...	0950	2.0	45	1720
13...	0930	2.0	310	4890
14...	0932	12	1200	98000
15...	0910	30	650	69400
16...	0920	18	310	>24200
17...	0937	6.0	130	7340
18...	0940	130	3000	130000
19...	0954	19	400	21400
20...	0915	5.0	150	7700
21...	1015	5.0	230	9800
22...	0853	150	3600	83500
23...	1000	22	400	18900
24...	0946	9.0	200	5480
25...	1025	5.0	170	7540
26...	0922	14	200	19900
27...	0905	16	310	8670
28...	0914	19	180	12600
29...	0859	6.0	18	4640
30...	0940	4.0	40	2960

Remark codes used in this report:
> -- Greater than

02335347 CROOKED CREEK TRIBUTARY No. 2, NEAR NORCROSS, GA

LOCATION.—Lat 33°57'24", long 84°14'43" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03130001, at culvert on Holcomb Bridge Road near Norcross.

DRAINAGE AREA.—0.19 mi^2.

COOPERATION.—Gwinnett County Department of Public Utilities.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1987 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 930 feet above sea level (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD (REVISED).—
STAGE: 5.71 feet, June 27, 1994
DISCHARGE: 239 ft^3/s, June 27, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: 4.34 feet, September 18
DISCHARGE: 130 ft^3/s, September 18

MAXIMUM FOR 1995 WATER YEAR (REVISED).—
STAGE: 5.13 feet, September 14
DISCHARGE: 192 ft^3/s, September 14

MAXIMUM FOR 1996 WATER YEAR (REVISED).—
STAGE: 4.87 feet, October 5
DISCHARGE: 174 ft^3/s, October 5

MAXIMUM FOR 1997 WATER YEAR (REVISED).—
STAGE: 4.69 feet, April 28
DISCHARGE: 159 ft^3/s, April 28

02335347 CROOKED CREEK TRIBUTARY No. 2, NEAR NORCROSS, GA—continued.

MAXIMUM FOR 1998 WATER YEAR (REVISED).—
STAGE: 4.77 feet, May 30
DISCHARGE: 166 ft^3/s, May 30

MAXIMUM FOR 1999 WATER YEAR (REVISED).—
STAGE: 4.22 feet, June 16
DISCHARGE: 119 ft^3/s, June 16

MAXIMUM FOR 2000 WATER YEAR (REVISED).—
STAGE: 5.26 feet, March 20
DISCHARGE: 203 ft^3/s, March 20

MAXIMUM FOR 2001 WATER YEAR (REVISED).—
STAGE: 4.43 feet, September 24
DISCHARGE: 138 ft^3/s, September 24

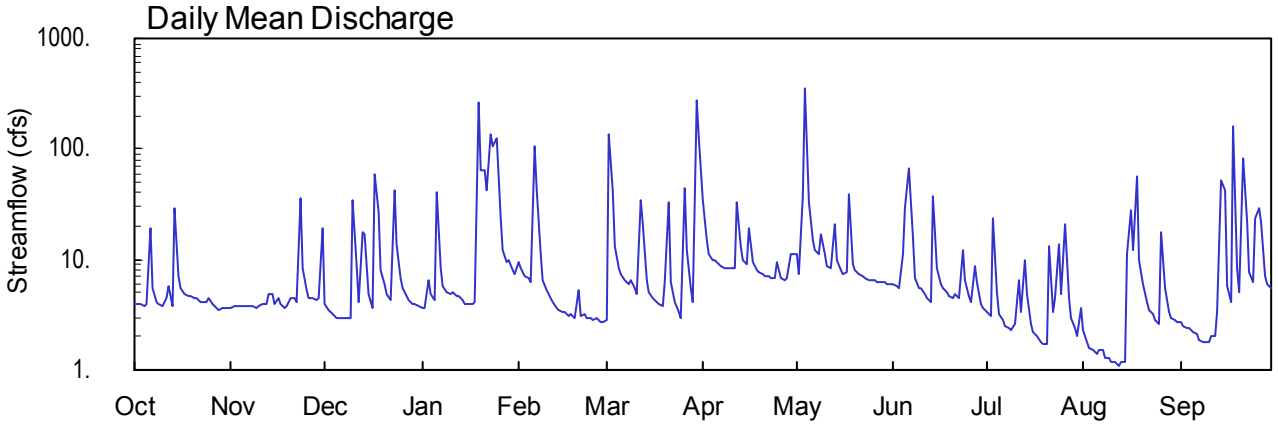
APALACHICOLA RIVER BASIN

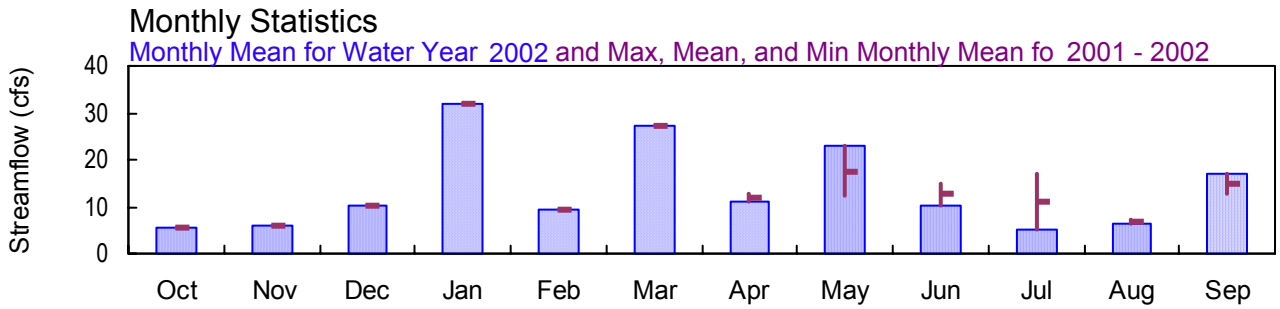
2002 Water Year

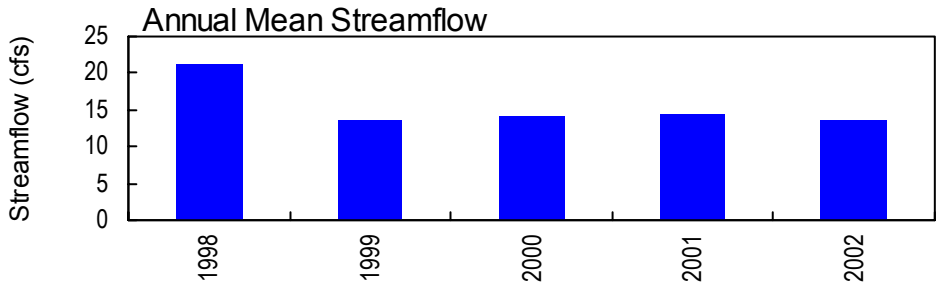
02335350 CROOKED CREEK NEAR NORCROSS, GA

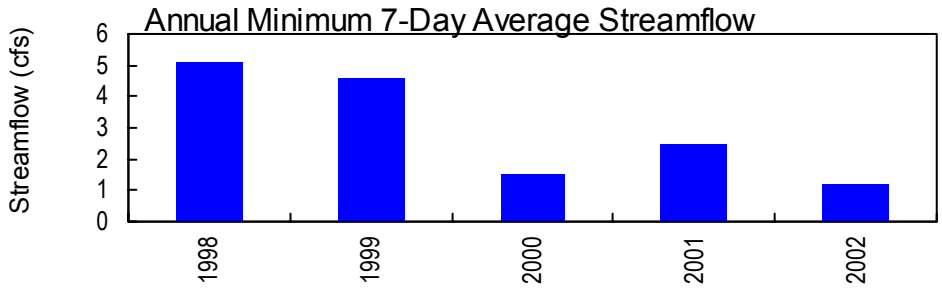
Latitude: 33°57'54" Longitude: 84°15'54" Hydrologic Unit Code: 03130001 Gwinnett County

Drainage Area: 8.89 mi^2 Datum: 869.40 feet









APALACHICOLA RIVER BASIN
2002 Water Year

02335350 CROOKED CREEK NEAR NORCROSS, GA

LOCATION.—Lat 33°57'54", long 84°15'54" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03130001, 20.0 feet upstream of the bridge on Spalding drive, 3.2 miles northwest of Norcross, and 0.6 miles upstream from the Chattahoochee River.

DRAINAGE AREA.—8.89 mi^2 (revised).

COOPERATION.—Gwinnett County Department of Public Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 20, 1996 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 950.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except periods of estimated record, which are poor.

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 20, 1996 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 950.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.53 feet, May 4; minimum gage-height recorded, 3.47 feet, August 12, 14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 23, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89* CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-12 08:57 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.9	3.7	4.0	3.7	e9.5	2.8	35	11	5.9	3.3	2.3	2.7
2	3.9	3.8	3.5	3.6	e8.2	135	15	7.3	5.8	3.1	1.8	2.5
3	3.9	3.8	3.3	6.4	e7.1	43	11	37	5.6	24	1.6	2.4
4	3.8	3.8	3.1	4.9	e6.7	13	10	360	11	5.1	1.5	2.4
5	3.9	3.8	3.0	4.3	e6.2	8.3	9.8	33	29	3.2	1.4	2.2
6	19	3.8	3.0	41	e105	7.4	9.2	15	68	2.8	1.5	2.1
7	5.6	3.8	3.0	8.2	42	6.6	8.8	12	16	2.5	1.5	1.9
8	4.2	3.8	3.0	5.8	11	6.1	8.5	11	6.8	2.4	1.3	1.8
9	3.9	3.7	2.9	5.0	6.6	6.6	8.5	17	5.6	2.3	1.3	1.8
10	3.8	3.8	34	4.9	5.3	5.5	8.4	11	5.4	2.6	1.2	1.8
11	4.4	4.0	9.2	5.0	4.5	4.9	8.2	8.8	4.8	6.5	1.2	2.0
12	5.7	4.0	4.2	4.7	4.1	35	33	8.3	4.4	3.4	1.1	2.0
13	3.8	4.8	18	4.7	3.7	21	13	21	4.2	9.8	1.2	3.4
14	29	4.8	17	4.3	3.5	6.6	10	9.7	38	4.9	1.2	53
15	7.1	4.0	4.9	4.0	3.3	5.0	9.0	7.9	8.4	2.6	11	42
16	5.5	4.5	3.7	3.9	3.3	4.5	19	7.3	6.1	2.2	28	5.8
17	4.9	4.0	59	3.9	3.1	4.2	9.4	7.6	5.4	2.0	12	4.2
18	4.7	3.7	27	4.1	3.2	3.9	8.1	39	5.0	1.8	57	159
19	4.6	3.8	8.1	264	3.0	3.8	7.6	9.2	4.6	1.7	10	8.3
20	4.5	4.4	5.9	63	5.3	6.3	7.3	7.9	4.5	1.7	6.0	5.1
21	4.5	4.4	4.9	63	3.1	33	7.2	7.3	4.8	13	4.2	81
22	4.1	4.2	4.3	43	3.2	6.3	7.0	7.0	4.4	3.4	3.5	22
23	4.2	36	42	134	3.0	4.1	6.8	6.8	12	4.5	3.2	7.6
24	4.2	8.4	14	106	2.9	3.3	6.8	6.6	6.6	14	2.8	6.2
25	4.5	5.2	6.7	123	2.8	3.0	9.3	6.5	4.6	4.9	2.6	24
26	3.9	4.5	5.4	24	2.9	45	6.7	6.4	4.2	21	18	29
27	3.6	4.4	4.7	12	2.7	12	6.6	6.3	8.7	4.4	5.6	22
28	3.5	4.3	4.3	9.5	2.7	5.5	6.8	6.2	6.2	2.9	3.4	7.0
29	3.7	4.4	4.0	e10	---	4.1	11	6.3	4.0	2.4	2.9	5.9
30	3.7	19	3.9	e8.0	---	270	11	6.1	3.6	2.0	2.8	5.4
31	3.7	---	3.8	e7.5	---	126	---	6.0	---	3.6	2.7	---
TOTAL	173.7	174.6	317.8	989.4	267.9	841.8	328.0	712.5	303.6	164.0	195.8	516.5
MEAN	5.60	5.82	10.3	31.9	9.57	27.2	10.9	23.0	10.1	5.29	6.32	17.2
MAX	29	36	59	264	105	270	35	360	68	24	57	159
MIN	3.5	3.7	2.9	3.6	2.7	2.8	6.6	6.0	3.6	1.7	1.1	1.8
CFSM	0.63	0.65	1.15	3.59	1.08	3.05	1.23	2.59	1.14	0.60	0.71	1.94
IN.	0.73	0.73	1.33	4.14	1.12	3.52	1.37	2.98	1.27	0.69	0.82	2.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	5.60	5.82	10.3	31.9	9.57	27.2	11.9	17.6	12.6	11.2	6.79	15.0
MAX	5.60	5.82	10.3	31.9	9.57	27.2	12.9	23.0	15.1	17.2	7.26	17.2
(WY)	2002	2002	2002	2002	2002	2002	2001	2002	2001	2001	2001	2002
MIN	5.60	5.82	10.3	31.9	9.57	27.2	10.9	12.3	10.1	5.29	6.32	12.8
(WY)	2002	2002	2002	2002	2002	2002	2002	2001	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	4985.6			
ANNUAL MEAN	13.7		13.7	
HIGHEST ANNUAL MEAN			13.7	2002
LOWEST ANNUAL MEAN			13.7	2002
HIGHEST DAILY MEAN	360	May 4	360	May 4 2002
LOWEST DAILY MEAN	1.1	Aug 12	1.1	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	1.2	Aug 8	1.2	Aug 8 2002
MAXIMUM PEAK FLOW	1150	May 4	1150	May 4 2002
MAXIMUM PEAK STAGE	11.53	May 4	11.53	May 4 2002
ANNUAL RUNOFF (CFSM)	1.54		1.54	
ANNUAL RUNOFF (INCHES)	20.86		20.88	
10 PERCENT EXCEEDS	29		29	
50 PERCENT EXCEEDS	5.0		5.0	
90 PERCENT EXCEEDS	2.6		2.6	

e Estimated

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89* CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-12 08:53 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.84	3.74	4.12	3.93	---	3.84	4.48	4.06	3.54	3.63	3.59	3.65
2	3.85	3.75	4.09	3.93	---	5.38	4.19	3.92	3.53	3.62	3.55	3.63
3	3.84	3.75	3.91	4.01	---	4.51	4.09	4.39	3.52	3.99	3.53	3.62
4	3.84	3.75	3.76	3.97	---	4.18	4.05	6.83	3.61	3.73	3.52	3.62
5	3.84	3.75	3.75	3.95	---	4.08	4.03	4.29	4.04	3.63	3.51	3.61
6	4.17	3.75	3.75	4.46	---	4.06	4.00	3.91	4.36	3.59	3.52	3.60
7	3.92	3.75	3.75	4.06	4.49	4.04	3.98	3.83	4.07	3.57	3.52	3.59
8	3.86	3.75	3.75	3.99	4.09	4.02	3.97	3.77	3.82	3.56	3.50	3.59
9	3.84	3.75	3.75	3.97	3.99	4.04	3.97	3.87	3.75	3.57	3.50	3.58
10	3.84	3.75	4.27	3.97	3.95	4.01	3.97	3.78	3.74	3.58	3.49	3.59
11	3.87	3.77	4.00	3.97	3.93	3.99	3.96	3.68	3.71	3.80	3.49	3.60
12	3.91	3.83	3.83	3.96	3.91	4.41	4.33	3.66	3.68	3.65	3.48	3.60
13	3.84	3.93	4.08	3.96	3.90	4.27	4.14	3.91	3.67	3.77	3.48	3.64
14	4.29	3.98	4.12	3.95	3.89	4.04	4.04	3.72	4.19	3.72	3.48	4.58
15	3.92	4.01	3.86	3.94	3.88	3.99	4.00	3.64	3.89	3.59	3.73	4.48
16	3.84	4.10	3.79	3.93	3.88	3.98	4.15	3.62	3.78	3.56	4.01	3.84
17	3.82	4.15	4.42	3.93	3.87	3.97	4.01	3.62	3.74	3.55	4.01	3.75
18	3.80	4.19	4.32	3.94	3.88	3.96	3.95	4.29	3.72	3.53	4.35	5.52
19	3.80	4.23	4.05	6.19	3.87	3.96	3.93	3.70	3.70	3.52	4.00	3.97
20	3.79	4.30	3.99	4.71	3.94	4.01	3.92	3.64	3.69	3.52	3.83	3.80
21	3.79	4.33	3.97	4.73	3.87	4.39	3.91	3.61	3.71	3.76	3.73	4.86
22	3.77	4.35	3.95	4.47	3.87	4.03	3.90	3.60	3.68	3.65	3.70	4.31
23	3.77	4.70	4.43	5.34	3.86	3.97	3.89	3.59	3.94	3.68	3.68	3.94
24	3.77	4.26	4.18	5.07	3.85	3.94	3.89	3.58	3.81	3.93	3.65	3.87
25	3.79	4.15	4.02	5.26	3.85	3.93	3.98	3.57	3.70	3.75	3.64	4.25
26	3.75	4.13	3.98	4.31	3.85	4.51	3.88	3.57	3.67	4.01	3.91	4.32
27	3.74	4.16	3.96	4.12	3.84	4.14	3.88	3.56	3.77	3.72	3.82	4.26
28	3.74	4.19	3.95	4.07	3.84	4.01	3.88	3.55	3.77	3.63	3.69	3.92
29	3.75	4.23	3.94	---	---	3.97	4.06	3.56	3.66	3.59	3.66	3.86
30	3.75	4.46	3.93	---	---	6.44	4.05	3.55	3.64	3.56	3.66	3.83
31	3.74	---	3.93	---	---	5.44	---	3.54	---	3.64	3.65	---
MEAN	3.84	4.03	3.99	---	---	4.24	4.02	3.85	3.77	3.66	3.67	3.94
MAX	4.29	4.70	4.43	---	---	6.44	4.48	6.83	4.36	4.01	4.35	5.52
MIN	3.74	3.74	3.75	---	---	3.84	3.88	3.54	3.52	3.52	3.48	3.58

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89* CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-12 08:53 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	---	0.00	0.00	0.11	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	---	1.57	0.00	0.01	0.00	0.02	0.00	0.00
3	0.00	0.00	0.00	0.00	---	0.30	0.00	0.80	0.00	0.69	0.00	0.00
4	0.00	0.00	0.00	0.12	---	0.00	0.00	2.48	0.58	0.28	0.00	0.00
5	0.08	0.00	0.00	0.00	---	0.00	0.00	0.00	0.01	0.07	0.00	0.00
6	0.34	0.00	0.00	0.54	---	0.00	0.00	0.00	0.34	0.01	0.05	0.00
7	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.08	0.02	0.06	0.00	0.00	0.00	0.00
10	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00
11	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00
12	0.00	0.00	0.00	0.05	0.00	0.64	0.48	0.00	0.00	0.01	0.00	0.00
13	0.01	0.00	0.45	0.00	0.00	0.12	0.06	0.26	0.00	0.40	0.00	0.69
14	0.49	0.00	0.22	0.00	0.00	0.00	0.06	0.00	0.53	0.00	0.00	0.47
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.26	0.53
16	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.60	0.00
17	0.00	0.00	0.96	0.00	0.00	0.02	0.00	0.59	0.00	0.00	0.06	0.13
18	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.41	0.00	0.00	0.40	1.71
19	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
20	0.00	0.00	0.00	0.00	0.14	0.39	0.00	0.00	0.00	0.00	0.00	0.14
21	0.00	0.00	0.00	0.64	0.00	0.20	0.00	0.00	0.00	0.09	0.00	0.47
22	0.00	0.00	0.00	0.75	0.00	0.00	0.01	0.00	0.04	0.00	0.01	0.08
23	0.00	0.68	0.64	0.06	0.00	0.00	0.00	0.00	0.37	0.04	0.00	0.00
24	0.00	0.09	0.00	1.45	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
25	0.07	0.00	0.00	0.03	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.68
26	0.00	0.00	0.00	0.00	0.04	0.77	0.00	0.00	0.03	0.16	0.74	0.38
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.17
28	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.01	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.30	0.00	0.01	---	2.41	0.23	0.00	0.02	0.00	0.00	0.02
31	0.00	---	0.00	0.00	---	0.39	---	0.00	---	0.00	0.00	---
TOTAL	0.99	1.07	3.02	6.29	---	6.89	1.42	4.72	2.36	2.49	2.17	5.47

APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02335350 CROOKED CREEK NEAR NORCROSS, GA

LOCATION.—Lat 33°57'54", long 84°15'54" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03130001, 20.0 feet upstream of the bridge on Spalding drive, 3.2 miles northwest of Norcross, and 0.6 miles upstream from the Chattahoochee River.

DRAINAGE AREA.—8.89 mi^2 (revised).

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.—March 23, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: March 23, 2001 to current year.
WATER TEMPERATURE: March 23, 2001 to current year.
TURBIDITY: March 23, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records are good, except for turbidity records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 249 microsiemens, July 17, 2001; minimum recorded, 24 microsiemens, September 3, 2001.
WATER TEMPERATURE: Maximum recorded, 29.4°C, August 1, 2002; minimum recorded, 2.0°C, January 4, 5, 2002.
TURBIDITY: Maximum recorded, >2,200 NTU, September 24, 2001, March 26, 2002; minimum recorded, <2.0 NTU, on several days.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 249 microsiemens, July 17; minimum, 24 microsiemens, September 3.
WATER TEMPERATURE: Maximum, 28.5°C, July 12; minimum, 7.5°C, March 27, 28.
TURBIDITY: Maximum, >2,200 NTU, September 24; minimum, <2.0 NTU, on several days.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 166 microsiemens, January 4; minimum, 26 microsiemens, March 30.
WATER TEMPERATURE: Maximum, 29.4°C, August 1; minimum, 2.0°C, January 4, 5.
TURBIDITY: Maximum, >2,200 NTU, March 26; minimum, <2.0 NTU, April 27.

1 U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 10:49 By ceoberst
APPROVED
DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 10:49 By ceoberst
APPROVED
DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	94	88	91	108	107	107
2	---	---	---	---	---	---	96	94	95	109	108	108
3	---	---	---	---	---	---	98	39	68	111	108	109
4	---	---	---	---	---	---	70	56	64	111	110	110
5	---	---	---	---	---	---	79	70	73	111	109	110
6	---	---	---	---	---	---	84	73	80	110	108	109
7	---	---	---	---	---	---	91	84	88	110	108	109
8	---	---	---	---	---	---	94	91	93	111	108	110
9	---	---	---	---	---	---	97	92	95	113	110	111
10	---	---	---	---	---	---	102	97	98	113	111	111
11	---	---	---	---	---	---	113	101	105	111	50	88
12	---	---	---	---	---	---	107	101	104	80	62	72
13	---	---	---	---	---	---	113	100	104	93	80	87
14	---	---	---	---	---	---	105	96	99	99	93	97
15	---	---	---	---	---	---	98	53	75	102	99	100
16	---	---	---	---	---	---	85	75	80	105	102	104
17	---	---	---	---	---	---	92	85	89	106	105	106
18	---	---	---	---	---	---	96	92	94	113	105	106
19	---	---	---	---	---	---	97	96	96	106	45	84
20	---	---	---	---	---	---	101	97	99	82	66	74
21	---	---	---	---	---	---	100	99	99	89	81	85
22	---	---	---	---	---	---	102	99	101	99	82	90
23	---	---	---	---	---	---	102	101	102	87	81	84
24	---	---	---	101	95	99	102	101	102	94	87	90
25	---	---	---	100	98	99	114	88	95	104	83	92
26	---	---	---	100	99	100	106	97	98	89	84	86
27	---	---	---	102	100	101	105	100	102	95	88	91
28	---	---	---	104	102	103	107	105	106	98	58	76
29	---	---	---	111	39	76	107	107	107	67	33	52
30	---	---	---	77	59	70	107	106	106	75	61	69
31	---	---	---	88	77	83	---	---	---	86	75	80
MONTH	---	---	---	111	39	91	114	39	94	113	33	94

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 10:49 By ceoberst
APPROVED
DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	84	32	53	114	88	94	73	57	64	129	103	113
2	65	44	59	94	89	91	83	73	79	122	95	106
3	70	40	63	98	68	91	90	83	87	95	24	81
4	78	53	69	81	38	61	96	82	92	---	---	---
5	84	78	81	67	36	56	101	80	90	---	---	---
6	90	69	83	78	67	72	92	87	90	84	74	79
7	111	90	103	86	78	83	100	90	93	90	84	87
8	104	63	87	92	86	89	93	90	92	99	90	96
9	87	68	79	94	84	92	94	60	84	99	97	98
10	94	87	91	89	77	79	85	70	79	99	98	99
11	97	94	96	87	81	84	93	85	89	---	---	---
12	125	77	99	91	85	88	96	33	72	---	---	---
13	95	70	80	99	90	94	74	37	53	105	104	105
14	99	93	94	103	98	100	75	59	69	106	104	105
15	100	96	98	103	99	101	81	75	78	106	104	105
16	103	100	101	163	100	106	87	77	81	107	105	106
17	104	102	103	249	147	197	92	87	89	124	107	112
18	104	101	102	147	121	131	96	92	94	107	103	105
19	105	101	103	123	116	119	97	95	96	108	70	100
20	105	100	103	117	114	115	103	97	100	85	70	78
21	107	105	106	114	109	112	101	99	100	93	85	89
22	109	46	87	113	108	111	103	101	102	99	93	96
23	77	60	69	113	108	111	109	101	103	110	98	100
24	92	77	85	114	108	111	109	101	103	120	26	59
25	99	92	95	135	31	68	103	101	102	65	53	59
26	121	99	102	86	57	72	104	101	102	77	65	72
27	102	100	101	100	84	92	105	101	103	85	77	81
28	104	102	103	99	92	94	106	102	103	92	85	88
29	107	104	105	104	55	86	105	102	103	98	92	97
30	126	105	107	70	48	65	120	104	113	99	96	97
31	---	---	---	72	37	52	112	107	109	---	---	---
MONTH	126	32	90	249	31	94	120	33	91	129	24	93
YEAR	249	24	92									

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 12:00 By ceoberst
APPROVED
DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	94	92	93	109	108	109	96	88	91	101	100	100
2	101	93	97	110	108	109	102	96	99	103	101	102
3	102	100	101	110	108	109	104	102	103	117	102	106
4	102	101	101	111	110	110	105	104	105	166	113	143
5	102	101	101	111	110	111	106	105	106	158	112	131
6	106	57	74	111	110	110	107	106	106	112	57	79
7	81	66	75	111	109	110	107	107	107	85	74	80
8	87	81	84	113	111	112	108	107	108	89	85	87
9	91	87	88	113	110	111	109	108	109	92	89	91
10	93	91	92	112	111	111	118	52	85	94	92	93
11	94	92	93	112	110	111	79	58	69	95	93	94
12	94	85	89	112	110	111	88	79	84	97	94	95
13	94	87	90	112	111	112	94	47	73	102	96	99
14	108	51	69	113	112	112	93	57	66	102	101	102
15	80	62	73	114	112	113	84	70	78	102	100	101
16	87	80	84	115	114	114	90	84	87	101	100	100
17	90	87	88	115	114	115	91	---	---	100	100	100
18	94	90	92	114	112	113	75	---	---	103	100	101
19	96	94	94	113	112	112	86	75	80	104	---	---
20	100	96	98	113	113	113	90	86	88	---	---	---
21	104	100	101	114	113	114	94	90	92	---	---	---
22	104	102	103	114	113	113	97	93	95	---	---	---
23	105	103	104	119	81	106	102	38	75	---	---	---
24	108	105	106	97	84	89	75	50	67	---	---	---
25	108	106	107	105	97	101	83	75	79	---	---	---
26	109	107	108	107	105	106	89	83	86	---	---	---
27	108	107	107	107	106	107	92	89	91	---	---	---
28	109	108	109	108	107	108	94	92	93	---	---	---
29	109	107	108	110	108	109	96	93	95	---	---	---
30	108	107	108	112	89	99	99	96	97	---	---	---
31	108	107	108	---	---	---	100	99	99	99	83	94
MONTH	109	51	95	119	81	109	118	38	90	166	57	100

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 12:00 By ceoberst
APPROVED
DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	107	106	107	72	61	69	89	81	85
2	---	---	---	107	30	65	89	72	81	95	87	91
3	---	---	---	66	51	60	94	89	92	107	52	83
4	---	---	---	82	66	73	97	94	96	79	27	48
5	---	---	---	88	82	86	98	96	97	67	54	61
6	---	---	---	94	88	92	100	98	99	83	67	76
7	67	49	61	96	94	95	101	100	100	89	82	84
8	85	67	76	99	96	98	103	101	102	110	89	91
9	91	85	88	100	99	99	107	103	104	96	65	92
10	96	91	93	105	99	103	107	105	106	89	65	83
11	98	96	96	103	100	102	106	104	105	92	88	91
12	100	96	98	102	52	77	108	59	88	95	92	93
13	103	100	102	82	57	72	92	70	83	98	54	86
14	103	102	103	91	79	85	91	84	87	90	66	83
15	103	102	103	95	91	92	99	91	95	92	89	90
16	104	103	103	98	95	96	101	52	92	96	92	94
17	105	104	104	101	98	99	92	77	87	96	65	95
18	115	105	109	103	101	102	101	92	97	79	50	60
19	119	112	117	111	103	106	110	101	104	81	72	77
20	122	108	113	117	100	105	114	110	112	90	81	85
21	120	102	108	113	53	71	110	107	109	113	88	100
22	104	102	103	88	81	85	110	107	108	99	92	94
23	108	104	106	95	88	91	108	107	108	97	93	95
24	106	105	106	99	95	96	108	107	107	98	95	96
25	106	105	106	100	98	99	125	101	106	98	96	97
26	106	105	106	103	33	79	104	101	102	101	97	98
27	107	106	107	83	65	77	126	101	113	107	97	99
28	107	105	106	95	83	90	112	107	109	102	98	99
29	---	---	---	99	93	95	107	77	86	100	97	99
30	---	---	---	100	26	59	108	83	92	102	98	99
31	---	---	---	66	34	54	---	---	---	103	100	101
MONTH	122	49	101	117	26	87	126	52	98	113	27	88

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 12:00 By ceoberst
APPROVED
DD #8, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	104	100	101	101	93	96	84	76	80	101	99	100
2	107	101	103	97	95	96	89	84	87	105	101	103
3	103	94	99	98	56	87	89	87	88	105	102	104
4	106	78	100	80	69	75	93	89	90	110	104	106
5	80	53	71	95	80	87	96	91	93	111	106	108
6	86	28	73	102	91	94	100	95	97	110	107	109
7	73	53	65	106	97	100	97	95	96	110	106	108
8	80	73	76	106	99	101	99	94	97	109	104	107
9	84	80	81	106	99	101	100	96	98	108	106	107
10	88	84	86	110	100	106	100	96	98	107	103	105
11	87	83	85	105	68	87	103	97	100	109	102	106
12	94	87	90	94	88	90	103	98	101	110	103	107
13	100	94	96	111	65	96	102	98	100	111	90	107
14	100	35	82	98	64	81	102	100	101	109	34	57
15	76	64	72	103	98	100	121	55	94	81	38	62
16	82	76	79	102	100	100	93	38	81	82	67	76
17	85	81	82	108	101	103	87	58	66	90	82	86
18	89	85	87	104	101	102	79	29	64	104	30	56
19	93	89	90	108	102	103	70	57	64	78	61	70
20	96	93	94	110	102	105	72	57	65	89	78	83
21	97	95	96	108	49	95	83	72	77	97	32	66
22	120	97	107	83	56	72	90	80	86	59	49	56
23	110	56	89	96	77	85	92	89	90	72	59	67
24	79	53	66	95	42	75	96	92	93	78	72	75
25	88	79	82	77	53	68	98	96	97	88	58	72
26	93	87	89	91	40	66	100	51	90	82	51	67
27	100	67	94	74	60	68	82	55	74	75	56	68
28	77	62	69	80	74	77	91	82	86	84	75	80
29	89	77	85	84	80	82	100	91	94	89	84	87
30	93	89	91	88	84	86	99	94	95	93	89	91
31	---	---	---	90	74	86	99	96	97	---	---	---
MONTH	120	28	86	111	40	89	121	29	88	111	30	87
YEAR	166	26	93									

1 U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 10:40 By ceoberst
APPROVED
DD #7, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 10:40 By ceoberst
APPROVED
DD #7, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	15.7	11.0	12.9	21.9	16.1	18.5
2	---	---	---	---	---	---	15.3	10.4	12.5	22.0	16.1	18.6
3	---	---	---	---	---	---	12.8	11.8	12.3	22.9	15.6	18.6
4	---	---	---	---	---	---	15.2	12.4	13.7	23.2	15.5	18.8
5	---	---	---	---	---	---	14.7	13.7	14.2	23.4	16.3	19.3
6	---	---	---	---	---	---	18.2	13.4	15.4	22.9	17.8	19.9
7	---	---	---	---	---	---	19.2	14.7	16.9	21.6	17.8	19.3
8	---	---	---	---	---	---	21.0	15.5	18.1	19.7	16.5	17.9
9	---	---	---	---	---	---	22.2	16.4	19.0	20.0	16.4	17.8
10	---	---	---	---	---	---	22.9	17.1	19.6	21.5	16.6	18.7
11	---	---	---	---	---	---	22.2	17.9	19.7	21.2	16.8	19.1
12	---	---	---	---	---	---	21.5	17.4	19.2	22.6	19.2	20.6
13	---	---	---	---	---	---	20.0	18.0	19.1	23.7	17.7	20.0
14	---	---	---	---	---	---	21.4	16.5	18.6	23.1	16.1	19.0
15	---	---	---	---	---	---	19.4	17.0	18.1	23.1	16.5	19.3
16	---	---	---	---	---	---	20.6	16.1	17.9	24.2	17.0	20.1
17	---	---	---	---	---	---	18.1	12.7	15.4	25.3	18.2	21.1
18	---	---	---	---	---	---	16.7	10.8	13.2	25.1	18.5	21.4
19	---	---	---	---	---	---	17.1	10.2	13.2	21.7	18.8	20.4
20	---	---	---	---	---	---	18.4	11.4	14.5	22.2	20.6	21.3
21	---	---	---	---	---	---	20.3	13.4	16.3	23.6	20.4	21.6
22	---	---	---	---	---	---	22.1	15.1	17.9	21.2	18.6	20.4
23	---	---	---	---	---	---	22.1	16.0	18.6	22.6	16.6	19.1
24	---	---	---	13.6	10.1	11.9	20.0	16.9	18.1	21.8	16.9	18.8
25	---	---	---	15.2	10.6	12.5	19.0	15.3	17.0	20.4	17.6	18.6
26	---	---	---	13.6	8.7	10.9	20.4	13.9	16.4	22.4	16.1	18.8
27	---	---	---	13.5	7.5	10.1	20.9	13.5	16.6	23.9	17.3	19.9
28	---	---	---	11.9	7.5	9.7	20.9	14.4	17.2	21.7	18.8	20.0
29	---	---	---	10.3	9.2	9.7	21.8	15.9	18.2	23.2	20.2	21.4
30	---	---	---	12.8	10.0	11.3	20.8	16.0	18.0	23.1	19.1	20.9
31	---	---	---	13.8	11.6	12.5	---	---	---	23.0	19.0	20.5
MONTH	---	---	---	15.2	7.5	11.1	22.9	10.2	16.6	25.3	15.5	19.7

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 10:40 By ceoberst
APPROVED
DD #7, DCP
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.9	19.9	20.5	26.1	21.9	23.6	27.0	23.6	24.9	23.5	21.7	22.4
2	22.1	19.7	20.6	27.5	21.8	24.2	26.0	22.7	24.1	22.5	21.5	22.0
3	21.8	19.0	20.4	25.6	22.5	23.8	27.1	22.3	24.2	23.0	21.6	22.1
4	23.5	19.8	21.3	26.2	22.9	24.2	26.3	22.9	24.2	23.6	22.6	23.0
5	23.1	20.1	21.6	26.6	23.2	24.5	26.5	23.2	24.4	25.7	22.2	23.5
6	24.1	20.1	21.7	27.3	21.8	24.0	25.3	22.9	23.9	25.9	21.8	23.6
7	22.2	20.4	21.2	25.9	21.4	23.3	27.2	22.6	24.4	26.4	22.2	23.8
8	22.6	20.3	21.3	27.3	21.8	24.1	27.5	23.0	24.8	25.2	21.7	23.1
9	23.0	20.6	21.5	28.1	22.9	24.9	26.5	23.2	24.9	25.2	21.7	23.1
10	24.8	19.5	21.8	27.0	23.4	24.8	27.8	24.0	25.5	---	---	---
11	22.4	20.5	21.4	27.3	23.3	25.0	26.7	23.5	24.7	---	---	---
12	22.2	20.2	21.0	28.5	23.6	25.6	25.4	23.7	24.5	---	---	---
13	26.3	20.8	23.1	28.4	23.3	25.4	26.1	24.1	24.9	25.4	20.0	22.4
14	26.9	21.3	23.6	27.5	22.6	24.6	27.6	23.6	25.0	24.4	19.7	21.9
15	25.9	21.3	23.2	25.7	21.7	23.7	27.2	22.5	24.4	23.3	19.0	21.0
16	27.0	21.3	23.5	25.3	21.3	23.3	27.0	23.0	24.5	21.8	16.7	19.1
17	27.3	19.9	23.1	26.0	21.0	23.3	27.4	22.8	24.7	21.9	16.5	18.9
18	27.0	20.7	23.4	27.3	21.3	24.0	28.4	23.0	25.1	21.5	16.6	18.9
19	26.2	20.8	23.1	27.0	22.0	24.3	26.6	22.8	24.4	21.9	18.3	19.9
20	25.9	20.3	22.7	26.6	23.0	24.5	26.9	22.5	24.3	24.1	20.5	21.9
21	26.0	20.5	22.9	25.9	22.8	24.2	27.1	20.6	23.3	24.1	18.3	20.8
22	23.1	21.4	22.3	27.7	21.3	24.1	26.8	20.2	23.0	23.9	18.3	20.8
23	24.3	21.6	22.7	28.4	21.3	24.5	25.7	20.8	23.1	23.2	18.9	20.9
24	24.0	20.1	21.8	25.5	23.0	24.1	27.2	21.2	23.8	21.3	20.5	20.9
25	22.4	20.1	21.0	24.8	22.6	23.9	27.5	21.8	24.3	20.7	17.2	19.2
26	24.5	20.2	21.8	26.7	23.9	24.9	26.6	22.0	24.1	19.6	15.4	17.1
27	25.2	20.0	22.4	26.6	22.0	24.1	26.5	22.0	23.9	19.5	14.3	16.6
28	25.8	20.8	22.9	24.3	23.2	24.1	23.9	21.8	22.9	19.7	14.6	16.8
29	25.4	21.2	23.0	25.9	22.6	24.0	25.3	22.1	23.3	19.4	15.1	17.0
30	25.4	21.6	22.9	26.6	23.7	25.0	24.1	22.1	22.9	18.7	14.8	16.5
31	---	---	---	26.7	24.1	25.3	23.7	22.0	22.8	---	---	---
MONTH	27.3	19.0	22.1	28.5	21.0	24.3	28.4	20.2	24.2	26.4	14.3	20.6
YEAR	28.5	7.5	20.8									

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 11:27 By ceoberst
APPROVED
DD #7, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	14.0	16.3	15.2	11.0	12.9	15.1	12.4	13.5	6.2	3.1	4.4
2	19.3	14.0	16.4	16.8	12.1	14.2	14.3	11.0	12.4	4.4	3.5	4.2
3	19.5	14.3	16.6	17.9	13.8	15.5	13.7	10.4	11.8	4.9	3.1	3.8
4	19.5	14.7	16.9	17.1	13.3	15.0	13.1	9.4	11.0	5.3	2.0	3.3
5	17.9	15.3	16.6	16.1	11.5	13.7	12.5	9.0	10.6	5.6	2.0	3.7
6	19.0	16.2	17.8	14.7	10.4	12.4	14.0	10.6	12.1	5.5	4.6	5.1
7	18.4	14.2	15.9	13.9	9.1	11.4	14.7	11.2	12.9	5.8	4.7	5.3
8	17.3	13.0	14.8	14.4	9.5	11.8	15.3	12.2	13.9	6.3	3.5	4.7
9	16.4	12.6	14.4	14.7	10.1	12.2	14.7	13.4	13.9	7.2	3.3	5.1
10	17.5	13.0	15.2	14.5	9.9	11.9	13.6	10.5	11.9	9.0	5.1	7.0
11	17.9	15.4	16.6	14.1	9.5	11.6	11.7	10.5	11.1	11.4	8.2	9.5
12	19.4	16.7	18.0	13.9	10.1	11.8	12.2	11.5	11.8	8.2	6.6	7.3
13	20.7	18.4	19.4	13.3	10.0	11.4	13.3	12.1	12.7	9.0	5.5	6.9
14	21.0	18.0	19.6	13.3	9.5	11.2	15.6	13.3	14.4	7.5	5.4	6.4
15	19.9	16.0	17.5	13.3	9.1	11.1	14.0	11.4	12.5	9.2	5.8	7.1
16	17.7	13.9	15.6	13.0	8.8	10.8	12.6	10.8	11.7	8.4	5.1	6.5
17	16.0	11.9	13.6	13.2	8.9	11.0	15.4	11.9	12.9	9.0	4.8	6.7
18	15.5	10.5	12.7	13.3	9.6	11.4	---	11.4	---	9.6	7.3	8.3
19	15.7	10.6	12.9	13.3	9.6	11.5	12.1	9.6	10.8	9.7	7.9	8.4
20	16.9	11.7	14.1	13.4	10.6	11.9	10.8	8.2	9.6	8.4	6.6	7.6
21	17.7	12.6	14.9	11.7	8.3	10	9.7	6.7	8.0	9.5	7.5	8.3
22	17.6	13.7	15.5	11.2	7.9	9.5	9.4	6.1	7.5	9.4	6.7	8.2
23	19.2	14.5	16.5	13.4	9.5	11.0	10.9	7.1	8.6	9.9	8.2	9.0
24	18.4	14.9	16.6	15.1	13.3	14.1	10.3	7.0	8.6	13.3	9.9	11.4
25	18.8	15.0	17.0	16.9	13.8	15.2	7.9	5.5	6.6	12.7	10.4	11.7
26	16.0	12.7	14.1	15.3	12.4	13.8	6.7	4.4	5.3	11.0	8.6	9.8
27	13.7	10.2	11.7	16.7	13.6	14.9	6.4	3.5	4.7	10.8	8.0	9.5
28	12.9	8.2	10.4	16.4	13.7	15.0	8.0	4.3	6.0	12.2	8.6	10.3
29	12.8	7.7	10.1	17.3	14.2	15.6	9.4	6.5	7.5	13.8	10.1	11.8
30	13.4	8.0	10.5	16.8	14.3	15.8	7.7	5.3	6.2	15.1	11.7	13.2
31	13.8	8.7	11.1	---	---	---	5.6	4.4	5.1	15.7	12.7	14.1
MONTH	21.0	7.7	15.1	17.9	7.9	12.7	15.6	3.5	10.2	15.7	2.0	7.7

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 11:27 By ceoberst
APPROVED
DD #7, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	9.3	3.4	6.1	18.7	18.7	16.8	19.1	16.5	17.7
2	---	---	---	8.0	6.6	7.3	19.4	13.8	16.5	23.3	17.7	20.1
3	---	---	---	8.8	6.5	8.2	20.4	15.4	17.4	20.3	19.4	19.8
4	---	---	---	8.3	4.7	6.2	18.0	13.2	15.3	19.4	16.0	17.3
5	---	---	---	9.6	3.8	6.4	17.8	11.8	14.4	18.7	16.2	17.2
6	---	---	---	11.3	5.2	7.9	17.3	11.2	13.9	19.6	16.3	17.9
7	7.2	5.9	6.7	12.8	6.7	9.4	17.6	11.2	14.1	21.1	17.2	18.9
8	9.7	5.7	7.5	13.5	8.2	10.8	17.5	13.5	15.3	23.2	18.1	20.2
9	10.8	6.2	8.4	14.4	11.7	12.9	16.8	15.4	16.0	23.8	18.6	20.8
10	13.6	9.2	11.0	14.3	9.4	11.5	19.6	15.4	17.0	23.5	20.1	21.5
11	12.4	9.0	10.4	13.6	7.6	10.4	17.5	16.3	16.8	22.0	19.3	20.4
12	11.1	6.7	8.7	11.0	10.3	10.7	17.7	15.9	16.6	21.8	18.9	20.0
13	11.6	7.6	9.1	13.5	10.9	11.9	17.5	16.5	16.9	22.8	19.3	20.7
14	11.5	6.7	8.8	16.8	10.6	13.3	19.5	16.7	17.8	21.5	16.8	18.9
15	11.8	7.1	9.3	16.9	11.6	14.2	21.1	16.4	18.6	21.5	15.0	17.8
16	13.3	8.9	10.6	18.5	14.5	16.2	21.4	16.8	19.0	21.3	15.4	18.0
17	12.4	8.0	9.8	19.4	15.7	17.3	23.5	18.3	20.5	22.7	17.0	19.5
18	11.7	6.5	8.7	21.6	15.8	17.8	23.9	18.5	20.8	21.9	17.8	20.4
19	11.1	6.2	8.7	18.6	16.0	17.0	24.6	18.3	21.1	20.8	16.1	17.9
20	11.7	9.1	10.3	18.2	15.3	16.5	24.6	19.4	21.5	19.0	14.5	16.3
21	14.5	9.2	11.5	18.9	14.9	16.5	24.8	19.1	21.5	17.7	13.5	15.4
22	12.7	9.0	10.6	15.0	10.4	12.5	21.9	18.0	20.1	19.5	13.1	15.8
23	---	---	---	14.9	8.0	11.0	22.2	15.4	18.4	20.3	13.2	16.3
24	13.0	7.1	9.7	15.8	8.7	12.0	21.1	16.1	18.4	21.1	14.0	17.2
25	13.6	7.5	10.2	17.3	11.1	14.2	22.1	17.4	19.1	21.8	15.3	18.2
26	12.5	8.7	10.6	---	---	---	17.4	14.9	16.0	22.0	16.9	19.2
27	8.9	5.2	6.9	17.1	12.9	14.7	16.7	14.8	15.8	22.7	18.0	20.1
28	9.2	3.4	5.7	16.9	10.5	13.4	21.8	16.0	18.4	23.9	17.9	20.6
29	---	---	---	---	---	---	22.8	18.3	19.9	23.7	18.2	20.6
30	---	---	---	17.9	15.2	16.4	18.3	16.5	16.9	22.6	18.4	20.4
31	---	---	---	18.7	15.9	16.9	---	---	---	24.6	19.2	21.5
MONTH	14.5	3.4	9.2	21.6	3.4	12.4	24.8	11.2	17.7	24.6	13.1	18.9

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 11:27 By ceoberst
APPROVED
DD #7, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.2	19.7	22.5	27.1	22.7	24.3	29.4	23.6	26.1	24.7	21.2	22.6
2	26.9	20.4	23.3	27.2	21.8	24.0	28.9	23.5	25.9	25.3	21.1	22.9
3	27.6	21.2	24.0	26.3	21.9	23.8	28.7	23.4	25.7	25.9	20.9	23.2
4	27.3	22.0	24.2	26.8	22.7	24.5	28.3	22.6	25.2	26.3	21.4	23.7
5	26.3	22.6	24.2	28.0	22.4	24.8	28.7	22.5	25.5	26.9	22.0	24.3
6	25.7	22.2	23.7	28.6	22.8	25.4	28.2	23.4	25.7	27.0	22.7	24.6
7	26.2	23.1	24.2	27.8	23.2	25.2	27.9	23.2	25.3	25.6	21.9	23.7
8	26.2	22.1	23.6	28.0	23.4	25.2	27.4	21.7	24.4	25.6	21.2	23.3
9	25.8	20.0	22.4	27.5	22.0	24.5	26.3	21.5	23.8	25.6	20.4	22.9
10	25.3	19.2	21.8	27.1	23.1	24.9	26.7	21.4	23.9	25.0	20.1	22.5
11	26.0	19.3	22.2	26.2	23.5	24.4	26.4	21.1	23.7	25.0	20.0	22.5
12	26.3	19.6	22.6	24.1	22.2	23.0	25.9	21.0	23.5	25.1	20.7	22.9
13	26.2	20.1	22.9	23.2	21.5	22.1	26.9	21.5	24.1	23.1	21.4	22.2
14	24.4	21.9	22.9	27.1	22.6	24.3	27.0	23.3	25.0	23.6	21.8	22.9
15	24.6	20.8	22.4	27.7	22.1	24.5	27.5	23.2	25.1	23.0	21.9	22.5
16	23.9	19.0	21.1	28.3	22.5	25.1	26.6	24.4	25.4	25.0	21.6	23.0
17	24.7	19.1	21.5	28.8	23.1	25.6	26.9	24.3	25.2	24.1	22.1	22.9
18	24.4	19.3	21.6	28.6	23.2	25.7	27.7	23.8	25.3	23.5	22.1	23.0
19	24.5	20.4	22.1	28.4	23.0	25.6	27.5	23.6	25.2	23.3	22.3	22.9
20	25.8	20.2	22.6	28.8	23.5	25.9	27.4	23.5	25.1	24.2	22.3	23.0
21	25.1	20.1	22.4	28.8	23.5	25.8	28.6	23.4	25.5	24.7	22.7	23.6
22	22.7	20.1	21.4	28.7	24.2	26.1	26.1	23.4	24.8	23.8	23.0	23.4
23	23.7	20.9	22.2	27.5	23.7	25.2	28.3	23.0	25.3	23.9	22.2	22.9
24	26.1	22.5	23.8	26.7	23.4	25.0	28.2	23.4	25.6	22.4	21.3	21.9
25	24.9	22.4	23.4	26.6	24.4	25.2	27.9	24.0	25.8	21.3	19.0	20.1
26	24.9	22.1	23.2	26.3	23.5	24.7	27.0	23.6	25.1	20.6	18.7	19.3
27	26.7	21.9	23.7	27.8	24.1	25.5	25.3	23.2	24.1	21.9	20.6	21.4
28	24.3	22.4	23.2	28.5	23.5	25.6	25.1	22.6	23.5	22.1	19.9	21.0
29	26.2	21.8	23.6	28.8	23.7	25.9	24.7	22.1	23.1	21.6	20.2	20.8
30	27.3	21.9	24.2	29.0	23.9	26.1	23.6	22.1	22.8	22.1	20.3	21.0
31	---	---	---	28.5	23.7	25.6	22.8	21.8	22.3	---	---	---
MONTH	27.6	19.0	22.9	29.0	21.5	25.0	29.4	21.0	24.7	27.0	18.7	22.6
YEAR	29.4	2.0	16.8									

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 11:06 By ceoberst
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TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 11:06 By ceoberst
APPROVED
DD #9, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	13	8.5	10	5.7	2.8	4.0
2	---	---	---	---	---	---	12	7.1	9.0	14	2.9	4.2
3	---	---	---	---	---	---	>1100	7.8	65	11	2.9	3.9
4	---	---	---	---	---	---	86	28	39	7.9	3.1	3.9
5	---	---	---	---	---	---	>1100	14	23	8.5	3.1	4.0
6	---	---	---	---	---	---	20	8.5	12	7.2	2.8	3.7
7	---	---	---	---	---	---	13	6.0	8.6	5.7	3.0	3.5
8	---	---	---	---	---	---	112	4.8	7.1	5.7	3.0	3.6
9	---	---	---	---	---	---	13	5.2	7.3	9.4	3.1	4.2
10	---	---	---	---	---	---	83	4.7	6.8	11	3.0	4.3
11	---	---	---	---	---	---	10	4.1	6.0	850	3.2	5.5
12	---	---	---	---	---	---	8.7	3.8	5.6	63	12	20
13	---	---	---	---	---	---	58	3.7	10	13	3.7	6.5
14	---	---	---	---	---	---	>1100	4.9	11	12	3.8	5.1
15	---	---	---	---	---	---	>1100	5.8	46	18	4.2	5.2
16	---	---	---	---	---	---	19	5.2	8.0	12	4.1	4.9
17	---	---	---	---	---	---	33	3.1	4.7	10	3.7	4.9
18	---	---	---	---	---	---	8.0	3.2	4.4	7.5	3.8	4.7
19	---	---	---	---	---	---	12	3.2	4.1	1090	4.3	68
20	---	---	---	---	---	---	13	3.1	4.6	69	9.7	20
21	---	---	---	---	---	---	9.8	3.3	4.3	---	---	---
22	---	---	---	---	---	---	12	3.5	4.8	---	---	---
23	---	---	---	---	---	---	8.2	3.8	4.5	---	---	---
24	---	---	---	17	8.2	9.6	---	---	---	---	---	---
25	---	---	---	15	7.3	8.7	---	---	---	---	---	---
26	---	---	---	15	6.1	7.3	---	---	---	---	---	---
27	---	---	---	14	5.0	6.6	8.3	2.5	3.4	---	---	---
28	---	---	---	10	4.9	5.9	8.4	2.7	3.6	---	---	---
29	---	---	---	275	5.4	65	6.6	2.8	3.6	---	---	---
30	---	---	---	48	15	23	12	3.0	4.7	---	---	---
31	---	---	---	17	9.6	12	---	---	---	---	---	---
MAX	---	---	---	275	15	65	>1100	28	65	1090	12	68
MIN	---	---	---	10	4.9	5.9	6.6	2.5	3.4	5.7	2.8	3.5

> Actual value is known to be greater than the value shown

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 11:06 By ceoberst
APPROVED
DD #9, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	19	8.1	11	---	---	---
3	---	---	---	---	---	---	19	6.4	9.0	---	---	---
4	---	---	---	---	---	---	86	6.2	8.8	---	---	---
5	18	6.6	9.2	---	---	---	116	8.1	16	---	---	---
6	226	6.2	9.6	27	11	20	22	6.6	9.3	---	---	---
7	20	5.3	7.8	12	4.5	7.5	17	5.6	9.2	---	---	---
8	81	6.2	25	14	3.1	5.4	14	5.5	7.2	---	---	---
9	41	5.9	9.0	---	---	---	643	5.6	9.0	---	---	---
10	13	4.5	6.6	---	---	---	38	7.6	14	---	---	---
11	13	4.3	5.6	---	---	---	36	6.0	7.9	---	---	---
12	92	4.8	6.6	---	---	---	>1100	13	28	---	---	---
13	29	5.6	19	---	---	---	>1100	37	96	---	---	---
14	21	5.1	6.5	5.7	<2.0	3.0	67	16	23	17	7.5	9.8
15	27	4.4	5.6	10	<2.0	3.5	30	11	16	13	7.2	9.0
16	12	4.2	5.5	5.1	<2.0	2.7	30	9.2	13	14	7.2	9.3
17	9.7	4.3	5.3	7.1	<2.0	2.6	29	8.5	12	11	6.8	8.7
18	14	4.2	5.2	12	<2.0	3.6	31	8.9	12	12	7.1	8.7
19	17	4.6	6.2	19	<2.0	2.8	30	9.4	14	689	7.2	9.3
20	10	4.6	5.6	9.6	<2.0	2.8	22	6.8	9.2	97	10	29
21	13	4.5	5.9	12	<2.0	2.7	19	6.7	8.1	14	5.8	8.4
22	---	---	---	12	<2.0	3.0	19	6.8	9.2	10	5.0	6.6
23	---	---	---	6.3	<2.0	2.6	16	6.4	7.6	53	5.0	6.7
24	---	---	---	19	<2.0	2.8	16	6.8	8.6	>2200	16	133
25	---	---	---	>1100	6.9	126	14	7.0	8.9	121	30	48
26	---	---	---	215	33	73	19	7.0	8.5	55	16	27
27	8.7	2.1	3.6	---	---	---	11	6.6	7.8	22	13	16
28	13	<2.0	3.1	---	---	---	15	7.0	8.8	22	11	14
29	50	<2.0	3.3	---	---	---	23	<5.0	8.1	33	9.5	13
30	---	---	---	---	---	---	12	<5.0	5.9	35	9.1	12
31	---	---	---	---	---	---	---	<5.0	---	---	---	---
MAX	226	6.6	25	>1100	33	126	>1100	37	96	>2200	30	133
MIN	8.7	<2.0	3.1	5.1	<2.0	2.6	11	5.0	5.9	10	5.0	6.6

YEAR MAX MAXIMUM >2200 MINIMUM 5.1
MIN MAXIMUM 37 MINIMUM<2.0
MEDIAN MAXIMUM 133 MINIMUM 2.6

< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 12:12 By ceoberst
APPROVED
DD #9, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20	8.7	11	8.9	<5.0	<5.0	23	5.0	9.1	20	4.4	8.7
2	11	5.4	7.9	8.8	<5.0	<5.0	16	<5.0	7.3	46	7.7	18
3	9.2	5.0	6.3	18	<5.0	<5.0	14	3.9	5.6	38	4.9	11
4	14	<5.0	6.3	10	<5.0	<5.0	26	3.9	6.5	11	6.4	8.7
5	8.0	<5.0	5.3	6.7	<5.0	<5.0	13	3.9	5.3	8.3	3.2	4.5
6	170	5.0	53	9.9	<5.0	<5.0	19	3.5	6.2	319	4.0	35
7	20	<5.0	8.8	10	<5.0	<5.0	13	3.9	5.8	23	7.5	12
8	7.9	<5.0	<5.0	6.8	<5.0	<5.0	13	3.6	4.7	42	4.7	6.8
9	6.6	<5.0	<5.0	17	<5.0	<5.0	15	3.7	6.4	47	4.0	6.1
10	9.9	<5.0	<5.0	18	<5.0	<5.0	195	5.6	39	6.5	3.7	4.6
11	8.2	<5.0	<5.0	14	<5.0	<5.0	33	10	18	19	4.5	6.9
12	48	<5.0	7.3	28	<5.0	<5.0	18	5.2	6.4	8.0	4.9	5.9
13	8.4	<5.0	6.0	14	<5.0	<5.0	148	4.9	30	9.7	3.6	5.6
14	140	<5.0	45	10	<5.0	<5.0	63	16	24	8.8	3.3	5.0
15	18	<5.0	8.2	18	<5.0	<5.0	18	5.5	8.8	13	3.7	6.4
16	8.0	<5.0	<5.0	31	<5.0	6.5	9.1	3.4	5.1	11	4.5	6.0
17	5.2	<5.0	<5.0	15	<5.0	7.1	>1100	3.1	5.0	16	5.0	8.1
18	6.2	<5.0	<5.0	13	<5.0	7.5	145	16	29	16	2.8	3.8
19	6.1	<5.0	<5.0	10	<5.0	<5.0	18	9.2	12	>1100	3.3	154
20	5.2	<5.0	<5.0	32	<5.0	<5.0	11	6.4	8.1	150	37	59
21	8.6	<5.0	<5.0	26	<5.0	5.5	9.4	4.8	6.0	732	31	61
22	9.3	<5.0	<5.0	39	<5.0	9.8	10	4.0	4.9	499	20	30
23	27	<5.0	<5.0	577	<5.0	29	357	4.0	40	566	51	84
24	8.5	<5.0	<5.0	157	13	34	70	14	22	890	28	42
25	7.0	<5.0	<5.0	22	<5.0	7.5	15	7.3	9.8	887	56	88
26	9.3	<5.0	<5.0	14	<5.0	5.2	8.1	4.8	6.5	57	38	44
27	10	<5.0	<5.0	30	<5.0	<5.0	7.3	3.6	4.7	45	26	34
28	7.5	<5.0	<5.0	35	<5.0	5.2	13	3.1	4.4	30	21	24
29	4.8	<5.0	<5.0	35	<5.0	5.0	11	3.0	4.9	965	21	143
30	6.1	<5.0	<5.0	121	6.7	27	16	4.1	6.1	123	29	52
31	8.3	<5.0	<5.0	---	---	---	16	4.5	6.3	100	18	30
MAX	170	8.7	53	577	13	34	>1100	16	40	>1100	56	154
MIN	4.8	<5.0	<5.0	6.7	<5.0	<5.0	7.3	3.0	4.4	6.5	2.8	3.8

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STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 12:12 By ceoberst
APPROVED
DD #9, DCP
TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	24	<5.0	8.0	90	27	37	36	6.3	10
2	---	---	---	1460	5.2	115	29	16	21	18	3.3	5.5
3	---	---	---	116	23	41	31	12	14	665	7.2	40
4	---	---	---	24	13	17	13	8.0	10	>1100	24	126
5	---	---	---	16	8.7	11	12	6.4	8.3	86	34	45
6	---	---	---	10	6.4	8.2	11	5.6	7.2	35	19	22
7	170	29	59	7.8	<5.0	6.4	11	4.2	6.1	23	15	18
8	31	15	21	6.7	<5.0	5.5	8.6	3.7	5.8	---	---	---
9	21	10	13	9.8	<5.0	5.1	11	3.7	5.0	---	---	---
10	13	8.3	10	13	5.6	7.4	17	3.5	5.9	100	12	19
11	53	7.8	9.4	13	<5.0	5.9	21	4.0	7.3	16	<5.0	8.4
12	37	6.3	9.1	193	5.7	30	230	5.6	18	15	<5.0	6.6
13	12	6.6	8.1	114	14	25	28	8.3	11	618	<5.0	11
14	21	5.6	7.4	29	7.0	11	10	4.0	6.9	89	12	19
15	10	5.4	6.7	27	5.5	8.7	11	3.8	5.1	17	<5.0	8.0
16	12	5.2	6.9	16	5.1	7.0	>1100	4.3	8.0	39	<5.0	6.7
17	13	5.0	7.7	9.8	<5.0	6.2	75	13	20	775	<5.0	5.8
18	10	<5.0	6.0	32	5.1	6.8	26	5.2	15	580	17	42
19	8.9	<5.0	5.8	41	6.0	11	31	6.5	18	17	6.2	8.8
20	46	5.4	8.9	65	6.2	8.1	---	---	---	12	<5.0	6.1
21	22	6.2	12	176	13	25	---	---	---	15	<5.0	6.1
22	9.7	<5.0	6.2	15	5.9	9.2	---	---	---	32	<5.0	6.7
23	---	---	---	13	<5.0	6.1	---	---	---	40	<5.0	7.7
24	11	<5.0	6.3	14	<5.0	5.6	19	4.6	9.0	22	<5.0	6.8
25	13	<5.0	6.3	23	<5.0	5.4	102	7.7	15	41	<5.0	7.8
26	15	<5.0	6.1	>2200	<5.0	103	22	2.6	6.0	47	<5.0	10
27	21	<5.0	6.5	130	17	30	16	<2.0	4.4	25	<5.0	7.2
28	12	<5.0	6.9	54	8.3	16	42	2.3	4.8	30	<5.0	8.8
29	---	---	---	9.2	4.3	6.3	113	7.0	13	25	5.0	11
30	---	---	---	>1100	4.7	261	89	8.0	22	35	<5.0	7.8
31	---	---	---	>1100	68	147	---	---	---	32	5.2	8.2
MAX	170	29	59	>2200	68	261	>1100	27	37	>1100	34	126
MIN	8.9	<5.0	5.8	6.7	4.3	5.1	8.6	<2.0	4.4	12	3.3	5.5

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STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335754 LONGITUDE 0841554 NAD27 DRAINAGE AREA 8.89 CONTRIBUTING DRAINAGE AREA DATUM 869.40 NGVD29
Date Processed: 2003-03-14 12:12 By ceoberst
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TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	26	<5.0	6.9	193	8.1	22	11	<5.0	<5.0
2	---	---	---	37	<5.0	8.7	9.7	<5.0	5.5	9.1	<5.0	<5.0
3	---	---	---	1110	<5.0	13	13	<5.0	<5.0	11	<5.0	<5.0
4	426	5.1	8.0	---	---	---	9.3	<5.0	<5.0	24	<5.0	5.4
5	398	11	24	---	---	---	17	<5.0	<5.0	13	<5.0	<5.0
6	2120	6.7	15	30	<5.0	5.5	10	<5.0	<5.0	6.1	<5.0	<5.0
7	192	24	40	15	<5.0	5.0	9.1	<5.0	<5.0	6.9	<5.0	<5.0
8	40	11	16	18	<5.0	5.1	8.2	<5.0	<5.0	5.8	<5.0	<5.0
9	26	9.1	14	16	<5.0	<5.0	11	<5.0	<5.0	7.4	<5.0	<5.0
10	30	7.5	12	65	<5.0	<5.0	23	<5.0	6.0	16	<5.0	<5.0
11	20	5.4	9.5	350	18	22	18	<5.0	6.4	8.2	<5.0	5.0
12	45	5.7	9.3	33	<5.0	10	14	<5.0	5.4	15	<5.0	<5.0
13	15	<5.0	7.6	657	<5.0	6.6	21	<5.0	6.1	295	<5.0	<5.0
14	1680	6.0	13	176	<5.0	14	21	<5.0	6.1	339	20	37
15	59	11	22	13	<5.0	5.9	534	5.2	8.0	188	17	29
16	20	5.5	8.6	19	<5.0	<5.0	1780	9.7	36	19	6.8	9.4
17	15	<5.0	7.5	9.7	<5.0	<5.0	179	16	40	11	<5.0	6.2
18	16	<5.0	6.7	7.4	<5.0	<5.0	1850	11	27	1270	5.7	95
19	20	<5.0	7.4	7.4	<5.0	6.3	113	21	37	57	22	33
20	19	5.0	7.0	7.4	<5.0	<5.0	34	7.8	16	57	12	20
21	9.8	<5.0	5.7	730	<5.0	5.6	30	5.0	7.4	845	21	71
22	9.4	<5.0	5.6	91	8.1	24	27	<5.0	8.0	140	24	33
23	182	5.3	26	95	<5.0	8.1	15	<5.0	<5.0	25	9.9	15
24	61	12	19	378	16	52	22	<5.0	<5.0	13	7.0	8.6
25	18	6.4	11	42	7.3	13	45	<5.0	<5.0	100	13	35
26	16	<5.0	7.4	463	5.0	32	763	<5.0	6.8	222	12	24
27	373	<5.0	9.4	32	7.1	11	83	8.2	19	66	12	24
28	121	11	29	16	<5.0	5.8	16	<5.0	5.2	17	6.3	9.1
29	20	<5.0	8.3	8.0	<5.0	5.6	35	<5.0	<5.0	8.7	<5.0	6.2
30	20	<5.0	7.4	11	<5.0	5.1	18	<5.0	6.5	12	5.2	6.4
31	---	---	---	193	<5.0	5.6	12	<5.0	<5.0	---	---	---
MAX	2120	24	40	1110	18	52	1850	21	40	1270	24	95
MIN	9.4	<5.0	5.6	7.4	<5.0	<5.0	8.2	<5.0	<5.0	5.8	<5.0	<5.0

YEAR MAX MAXIMUM >2200 MINIMUM 4.8
MIN MAXIMUM 68 MINIMUM<2.0
MEDIAN MAXIMUM 261 MINIMUM 3.8

< Actual value is known to be less than the value shown

APALACHICOLA RIVER BASIN
2002 Water Year

02335350 CROOKED CREEK NEAR NORCROSS, GA

LOCATION.—Lat 33°57'54", long 84°15'54" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03130001, 20.0 feet upstream of the bridge on Spalding drive, 3.2 miles northwest of Norcross, and 0.6 miles upstream from the Chattahoochee River.

DRAINAGE AREA.—8.89 mi^2 (revised).

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—April 20, 1996 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
OCT										
24...	0845	3.77	4.2	--	8.0	82	6.9	99	--	15.0
DEC										
03...	0856	4.07	3.1	13	8.9	81	6.5	104	--	10.4
DEC										
10-10	1028	4.70	65	150	9.0	84	7.0	104	--	12.4
FEB										
04...	1155	3.91	4.0	--	11.1	--	6.7	106	--	8.8
04...	1200	3.91	4.0	12	11.1	--	6.5	107	--	8.7
FEB										
06-06	1340	5.64	142	200	12.4	102	6.4	50	5.0	5.5
MAR										
12-12	0943	5.47	128	95	10.6	95	6.8	50	9.0	10.3
APR										
22...	0801	3.89	7.0	8.6	7.3	82	6.9	104	--	19.7
MAY										
10-10	0800	3.78	11	28	7.3	80	6.8	82	--	20.1
MAY										
17-17	0812	3.62	7.4	73	7.6	--	6.7	51	--	20.5
JUN										
03...	1015	3.53	5.8	8.0	7.7	91	7.0	103	25.2	22.1
JUN										
28-28	1053	3.76	5.4	31	6.6	79	6.9	65	--	22.9
AUG										
13...	1331	3.49	1.3	5.8	8.9	112	7.0	92	--	25.4

02335350 CROOKED CREEK NEAR NORCROSS, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
24...	0845	3.77	4.2	--	E7.9c	109	3	--	71	--	E.30c	--	.150
DEC													
03...	0845	4.07	3.1	11	7.9	123	E11c	E4c	71	E.040c	<.20c	.17	.170
DEC													
10-10	0700	--	--	63	7.4	85	E102c	E13c	63	E.071c	E.60c	.37	.350
FEB													
04...	1155	3.91	4.0	8.3	7.6	112	8	2	77	.033	.20	.31	.320
FEB													
06-06	0630	--	--	380	6.8	50	449	41	31	.133	1.1	.24	.240
MAR													
12-12	0615	--	--	68	7.1	70	102	11	44	.140	.60	.34	.350
APR													
22...	0755	3.89	7.0	9.0	7.2	107	6	3	63	.044	<.20	.23	.250
MAY													
09-09	1945	--	--	170	7.2	84	367	43	68	.118	1.1	.48	.470
MAY													
17-18	2300	--	--	210	7.0	55	241	30	43	.167	1.3	.36	.380
JUN													
03...	1025	3.53	5.8	7.5	7.3	105	3	2	71	.068	.30	.29	.290
JUN													
27-28	2030	--	--	110	7.0	72	156	22	50	.084	1.0	.39	.400
AUG													
13...	1325	3.49	1.3	7.3	7.6	96	4	<1	57	.021	.30	.16	.170

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
24...	--	<.02c	E.03c	.9	10	--	--
DEC							
03...	--	<.02c	E.02c	.9	<5	--	--
DEC							
10-10	--	E.02c	E.11c	7.2	16	--	--
FEB							
04...	.52	<.02	<.02	.4	10	--	--
FEB							
06-06	1.3	<.02	.25	3.2	<5	--	--
MAR							
12-12	.95	<.02	.08	3.8	13	--	--
APR							
22...	--	<.02	<.02	1.4	<5	--	--
MAY							
09-09	1.6	<.02	.11	4.7	13	--	--
MAY							
17-18	1.7	<.02	.21	5.9	18	74	349
JUN							
03...	.59	<.02	<.02	.5	8	--	--
JUN							
27-28	1.4	<.02	.13	4.6	12	79	195
AUG							
13...	.47	.02	.02	.5	<5	76	7.0

02335350 CROOKED CREEK NEAR NORCROSS, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT													
24...	0845	3.77	4.2	34	9.7	2.3	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
DEC													
03...	0845	4.07	3.1	34	10	2.3	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
DEC													
10-10	0700	--	--	25	7.4	1.6	<.5	<.5	<1.0	2.5	<2.0	3.1	<2.0
FEB													
04...	1155	3.91	4.0	34	9.7	2.4	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
FEB													
06-06	0630	--	--	14	4.3	.79	<.5	<.5	<1.0	7.0	<2.0	12	<2.0
MAR													
12-12	0615	--	--	22	6.4	1.5	<.5	<.5	<1.0	2.3	<2.0	2.4	<2.0
APR													
22...	0755	3.89	7.0	35	10	2.4	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
MAY													
09-09	1945	--	--	26	7.6	1.7	<.5	<.5	<1.0	5.1	<2.0	8.0	<2.0
MAY													
17-18	2300	--	--	18	5.4	1.1	<.5	<.5	<1.0	4.9	<2.0	7.7	<2.0
JUN													
03...	1025	3.53	5.8	33	9.4	2.2	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0
JUN													
27-28	2030	--	--	22	6.5	1.3	<.5	<.5	<1.0	3.8	<2.0	6.3	<2.0
AUG													
13...	1325	3.49	1.3	29	8.4	2.0	<.5	<.5	<1.0	<1.0	<2.0	<2.0	<2.0

Date	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)
OCT					
24...	<2.0	204	--	2.9	--
DEC					
03...	<2.0	244	248	3.3	5.3
DEC					
10-10	4.1	64	581	8.0	34
FEB					
04...	<2.0	340	345	9.5	11
FEB					
06-06	12	73	484	9.4	69
MAR					
12-12	3.7	119	249	14	36
APR					
22...	<2.0	262	273	3.4	5.0
MAY					
09-09	8.2	75	560	14	54
MAY					
17-18	8.5	75	474	8.8	60
JUN					
03...	<2.0	191	207	3.0	3.6
JUN					
27-28	5.8	48	507	6.4	49
AUG					
13...	<2.0	142	150	3.6	5.6

Remark codes used in this report:
   > -- Greater than
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   a -- Value was extrapolated above
   c -- Holding times exceeded by the laboratory
   d -- Diluted sample: method hi range exceeded
   k -- Counts outside acceptable range

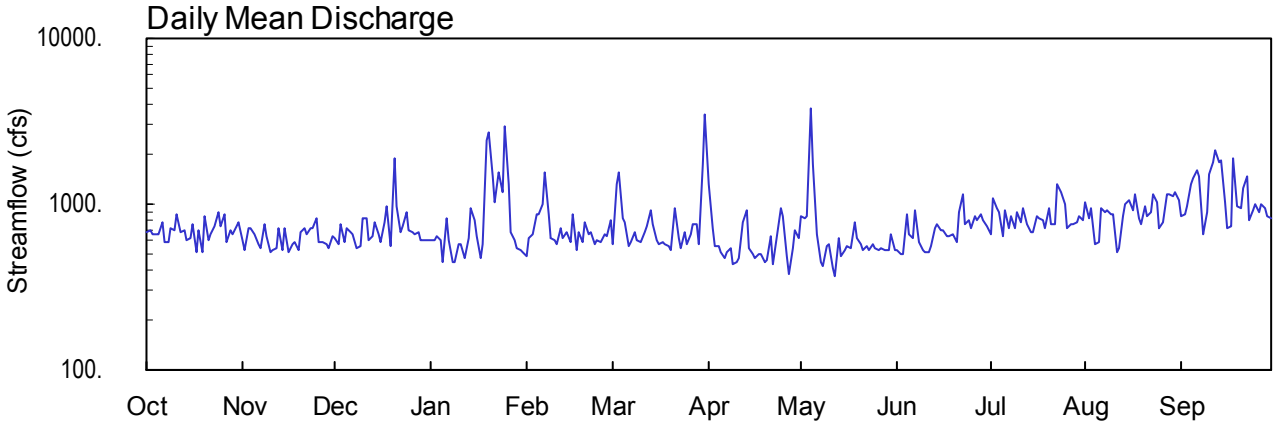
APALACHICOLA RIVER BASIN

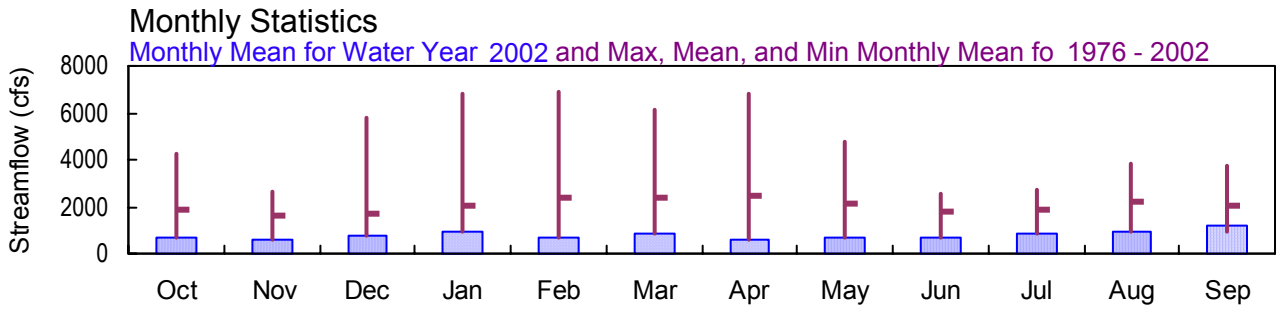
2002 Water Year

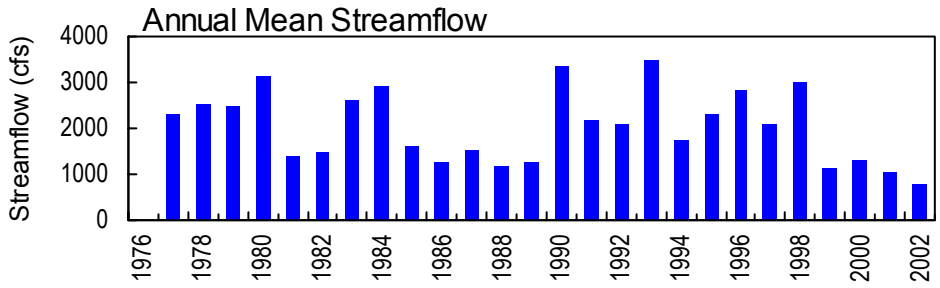
02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GA

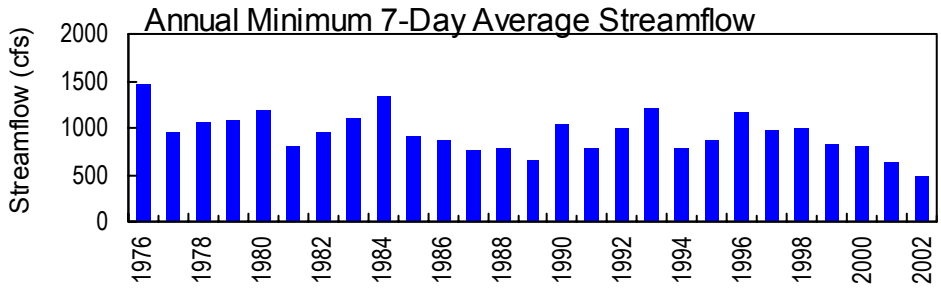
Latitude: 33°59'09" Longitude: 84°18'58" Hydrologic Unit Code: 03130001 Fulton County

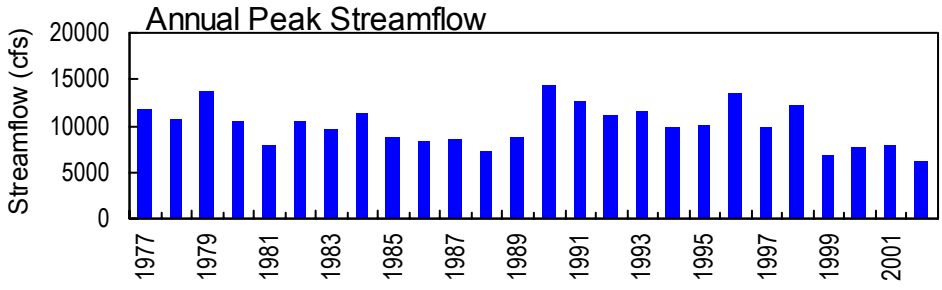
Drainage Area: 1,220. mi^2 Datum: 858.01 feet











02335450 - Chattahoochee River above Roswell, GA

02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GA

LOCATION.—Lat 33°59'09", long 84°18'58" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit 03130001, on right bank at Eves Road, 3.3 miles upstream from Big Creek, and 2.2 miles upstream from GA 400, 3.6 miles southeast of Roswell, and at mile 320.6.

DRAINAGE AREA.—1,220 mi^2, approximately.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1941 to May 1960 (published as 02335500, Chattahoochee River "near Roswell"), July 1976 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 858.01 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to July 7, 1976, at site 1.8 miles downstream at datum 8.51 feet lower.

REMARKS.—Records good. Flow regulated by Lake Sidney Lanier since January 1956. Statistics prior to regulation are available upon request.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1941 to May 1960 (published as 02335500, Chattahoochee River "near Roswell"), July 1976 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 858.01 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to July 7, 1976, at site 1.8 miles downstream at datum 8.51 feet lower.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.56 feet, May 4; minimum gage-height recorded, 2.41 feet, August 12.

STATION NUMBER 02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335909 LONGITUDE 0841858 NAD27 DRAINAGE AREA 1220.00* CONTRIBUTING DRAINAGE AREA DATUM 858.01 NGVD29
Date Processed: 2003-03-11 10:15 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	676	602	621	615	485	567	1310	850	522	652	1030	841
2	704	531	581	608	617	1320	722	835	495	1100	834	868
3	655	717	766	644	659	1580	556	846	497	956	958	972
4	656	712	585	607	875	821	554	3750	874	902	582	1310
5	652	659	717	453	880	784	509	1740	658	648	598	1450
6	781	576	669	817	1010	566	477	653	618	924	934	1620
7	598	544	660	599	1570	598	516	451	913	718	885	1480
8	596	749	548	444	878	677	550	429	591	855	927	660
9	725	636	561	445	621	604	435	565	524	723	882	898
10	697	513	813	568	602	598	450	569	518	904	868	1520
11	879	530	827	577	581	683	467	406	509	788	517	1770
12	686	538	609	469	711	746	775	369	564	953	545	2130
13	705	720	650	622	617	924	909	626	707	752	850	1780
14	601	527	770	943	670	758	540	481	764	683	1010	1840
15	629	710	662	807	584	611	506	531	701	673	1060	1030
16	749	520	595	642	862	571	477	556	693	838	926	724
17	517	577	784	470	527	585	502	536	635	833	1140	741
18	699	596	960	569	677	570	500	781	650	800	816	1890
19	515	527	551	2430	595	558	451	624	668	726	760	970
20	840	687	1880	2680	775	535	459	571	590	955	977	941
21	612	718	965	1470	667	956	636	533	904	765	853	1250
22	664	665	684	1020	687	620	433	555	1140	759	904	1460
23	736	713	733	1570	581	540	642	532	767	1320	1150	792
24	907	707	885	1170	607	675	937	568	812	1190	1040	918
25	735	814	699	2960	593	580	838	549	725	1010	722	994
26	880	585	672	1320	660	668	481	534	847	724	789	887
27	584	585	660	687	636	760	377	546	793	750	1140	1010
28	693	577	675	601	793	749	539	532	875	755	1150	942
29	667	540	601	543	---	577	694	528	796	785	1110	845
30	731	644	603	524	---	1720	625	665	736	857	1190	833
31	775	---	606	516	---	3480	---	528	---	804	1070	---
TOTAL	21544	18719	22592	28390	20020	25981	17867	22239	21086	26102	28217	35366
MEAN	695	624	729	916	715	838	596	717	703	842	910	1179
MAX	907	814	1880	2960	1570	3480	1310	3750	1140	1320	1190	2130
MIN	515	513	548	444	485	535	377	369	495	648	517	660
CFSM	0.57	0.51	0.60	0.75	0.59	0.69	0.49	0.59	0.58	0.69	0.75	0.97
IN.	0.66	0.57	0.69	0.87	0.61	0.79	0.54	0.68	0.64	0.80	0.86	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2002, BY WATER YEAR (WY)

MEAN	1861	1635	1676	2048	2365	2420	2459	2122	1749	1912	2205	2016
MAX	4239	2659	5797	6797	6872	6114	6784	4778	2563	2688	3844	3742
(WY)	1992	1990	1993	1993	1996	1990	1980	1984	1997	1992	1994	1991
MIN	695	624	729	909	715	838	596	717	703	842	910	945
(WY)	2002	2002	2002	1989	2002	2002	2002	2002	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1976 - 2002	
ANNUAL TOTAL	337433		288123			
ANNUAL MEAN	924		789		2036	
HIGHEST ANNUAL MEAN					3485	1993
LOWEST ANNUAL MEAN					789	2002
HIGHEST DAILY MEAN	4910	Jul 31	3750	May 4	10900	Mar 17 1990
LOWEST DAILY MEAN	464	Apr 28	369	May 12	323	May 28 1989
ANNUAL SEVEN-DAY MINIMUM	580	Nov 10	486	Apr 5	486	Apr 5 2002
MAXIMUM PEAK FLOW			6140	May 4	14500	Mar 17 1990
MAXIMUM PEAK STAGE			6.56	May 4	9.89	Mar 17 1990
ANNUAL RUNOFF (CFSM)	0.76		0.65		1.67	
ANNUAL RUNOFF (INCHES)	10.29		8.79		22.67	
10 PERCENT EXCEEDS	1390		1120		4000	
50 PERCENT EXCEEDS	816		687		1430	
90 PERCENT EXCEEDS	585		521		723	

STATION NUMBER 02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335909 LONGITUDE 0841858 NAD27 DRAINAGE AREA 1220.00* CONTRIBUTING DRAINAGE AREA DATUM 858.01 NGVD29
Date Processed: 2003-03-11 10:15 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	2.89	2.92	2.91	2.62	2.71	3.60	3.15	2.84	2.91	3.33	3.12
2	3.01	2.80	2.87	2.90	2.78	3.45	3.02	3.14	2.80	3.38	3.13	3.14
3	2.95	3.02	3.08	2.95	2.83	3.75	2.81	3.12	2.81	3.26	3.25	3.24
4	2.95	3.02	2.87	2.90	3.06	3.02	2.81	5.19	3.23	3.18	2.82	3.53
5	2.94	2.95	3.02	2.69	3.07	2.98	2.75	4.01	3.02	2.91	2.84	3.64
6	3.10	2.86	2.98	3.14	3.20	2.73	2.71	3.02	2.97	3.18	3.23	3.79
7	2.89	2.82	2.96	2.88	3.74	2.77	2.75	2.76	3.30	2.98	3.17	3.64
8	2.89	3.06	2.82	2.68	3.09	2.85	2.79	2.73	2.94	3.12	3.22	2.92
9	3.03	2.93	2.84	2.68	2.80	2.77	2.65	2.90	2.85	2.99	3.17	3.17
10	2.99	2.78	3.12	2.84	2.77	2.77	2.67	2.92	2.83	3.17	3.16	3.68
11	3.18	2.80	3.15	2.85	2.75	2.86	2.69	2.69	2.82	3.06	2.74	3.91
12	2.98	2.81	2.90	2.71	2.89	2.95	3.07	2.64	2.90	3.21	2.76	4.14
13	3.01	3.02	2.95	2.91	2.79	3.14	3.21	2.99	3.06	3.02	3.14	3.87
14	2.89	2.80	3.09	3.26	2.84	2.96	2.79	2.80	3.13	2.95	3.30	3.98
15	2.93	3.01	2.97	3.11	2.74	2.78	2.75	2.86	3.06	2.94	3.33	3.34
16	3.06	2.79	2.88	2.93	3.05	2.73	2.71	2.89	3.05	3.11	3.22	3.01
17	2.78	2.85	3.09	2.71	2.67	2.75	2.74	2.87	2.98	3.12	3.43	3.02
18	3.00	2.88	3.29	2.77	2.85	2.73	2.74	3.17	2.99	3.08	3.11	4.05
19	2.78	2.80	2.82	4.30	2.76	2.72	2.67	2.97	3.01	2.99	3.05	3.27
20	3.17	2.99	3.99	4.57	2.94	2.69	2.68	2.90	2.92	3.22	3.23	3.23
21	2.90	3.02	3.29	3.66	2.85	3.17	2.90	2.86	3.24	3.03	3.14	3.54
22	2.96	2.96	2.99	3.24	2.87	2.79	2.64	2.89	3.37	3.03	3.20	3.74
23	3.05	3.03	3.05	3.75	2.74	2.69	2.91	2.86	3.05	3.58	3.44	3.08
24	3.21	3.02	3.22	3.37	2.77	2.85	3.22	2.91	3.08	3.48	3.33	3.20
25	3.04	3.13	3.01	4.77	2.75	2.74	3.13	2.89	2.99	3.31	3.00	3.29
26	3.21	2.87	2.98	3.51	2.83	2.85	2.71	2.87	3.12	2.99	3.07	3.19
27	2.87	2.87	2.97	2.88	2.81	2.96	2.56	2.88	3.07	3.03	3.44	3.32
28	2.99	2.86	2.98	2.77	2.97	2.94	2.78	2.86	3.15	3.04	3.43	3.25
29	2.96	2.81	2.89	2.70	---	2.74	2.97	2.85	3.07	3.07	3.40	3.15
30	3.04	2.94	2.89	2.67	---	3.73	2.89	3.00	3.00	3.15	3.47	3.13
31	3.07	---	2.90	2.66	---	5.12	---	2.85	---	3.09	3.32	---
MEAN	2.99	2.91	3.03	3.12	2.89	2.99	2.84	3.01	3.02	3.12	3.19	3.42
MAX	3.21	3.13	3.99	4.77	3.74	5.12	3.60	5.19	3.37	3.58	3.47	4.14
MIN	2.78	2.78	2.82	2.66	2.62	2.69	2.56	2.64	2.80	2.91	2.74	2.92

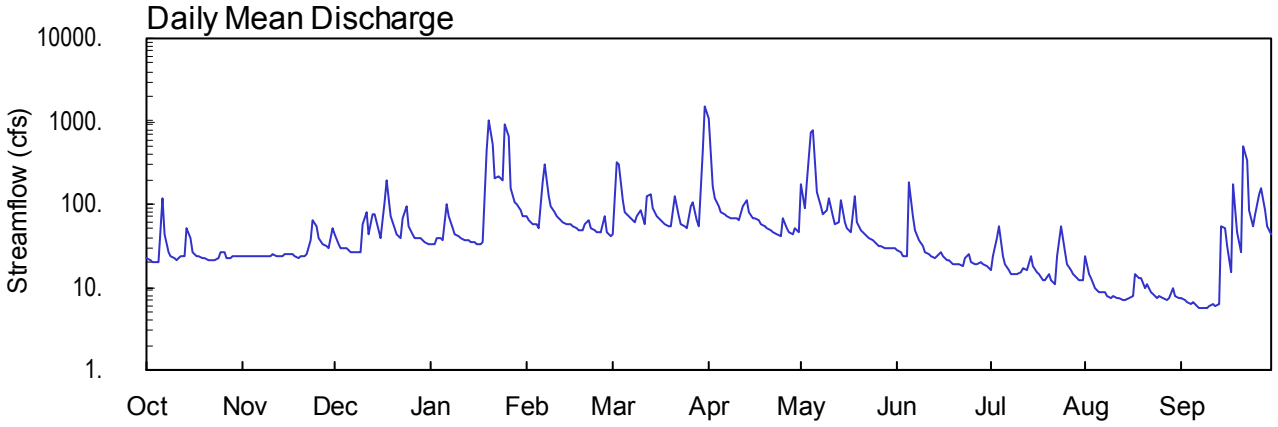
APALACHICOLA RIVER BASIN

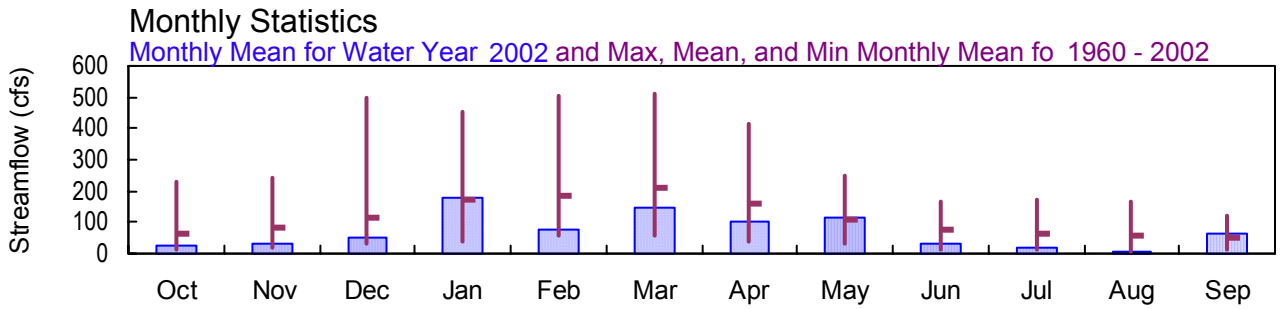
2002 Water Year

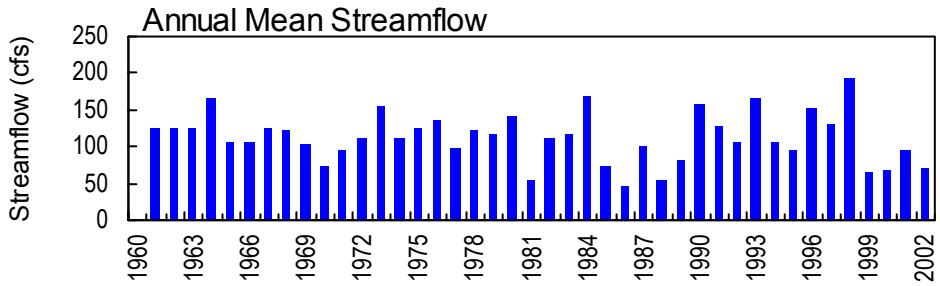
02335700 BIG CREEK NEAR ALPHARETTA, GA

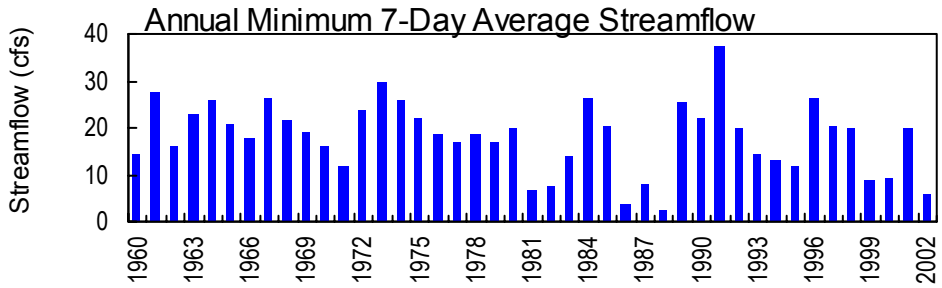
Latitude: 34°03'02" Longitude: 84°16'10" Hydrologic Unit Code: 03130001 Fulton County

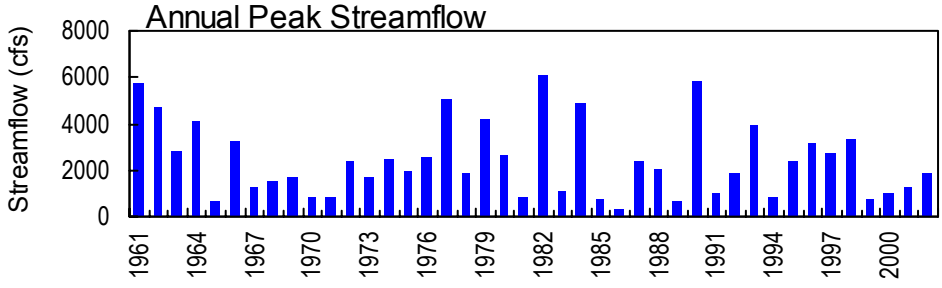
Drainage Area: 72. mi^2 Datum: 960.80 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02335700 BIG CREEK NEAR ALPHARETTA, GA

LOCATION.—Lat 34°03'02", long 84°16'10" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit 03130001, on left bank at downstream side of bridge on Kimball Bridge Road, 2.6 miles southeast of Alpharetta, and 9.4 miles upstream from mouth.

DRAINAGE AREA.—72.0 mi^2, approximately.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1960 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 960.80 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Soil Conservation Service).

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 20	0330	1,090	7.95
Jan. 26	0415	1,010	7.70
Mar. 31	2330	1,860*	9.62*
May 5	0045	1,070	7.87

WATER–STAGE RECORDS

PERIOD OF RECORD.—May 1960 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 960.80 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Soil Conservation Service).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.62 feet, March 31; minimum gage-height recorded, 1.00 feet, September 8-10.

02335700 BIG CREEK NEAR ALPHARETTA, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 18, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02335700 BIG CREEK NEAR ALPHARETTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 340302 LONGITUDE 0841610 NAD83 DRAINAGE AREA 72.00* CONTRIBUTING DRAINAGE AREA DATUM 960.80 NGVD29
Date Processed: 2003-03-11 10:16 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	24	43	33	70	43	1100	174	28	16	24	7.3
2	21	24	33	33	63	323	163	91	26	23	14	7.1
3	20	24	30	39	57	300	116	182	24	38	13	6.5
4	20	24	30	38	56	109	93	739	24	54	10	6.4
5	20	24	29	37	52	82	82	797	182	24	8.8	6.7
6	117	24	27	101	185	71	76	142	73	19	8.6	6.0
7	44	24	27	73	304	66	70	94	48	16	8.5	5.7
8	27	24	27	50	127	61	68	76	37	14	7.7	5.7
9	23	24	26	43	93	73	68	83	31	14	7.5	5.6
10	22	24	58	41	78	86	67	116	27	14	7.6	5.8
11	21	25	80	40	72	59	64	71	25	15	7.5	6.1
12	23	24	44	37	65	128	93	59	24	17	7.2	6.0
13	23	24	74	36	61	135	111	61	22	16	7.0	6.1
14	52	24	75	34	57	89	80	113	23	23	7.0	55
15	38	25	48	35	56	73	69	60	27	18	7.2	50
16	26	25	38	33	55	66	e66	51	23	15	8.0	31
17	23	25	107	33	52	61	e65	47	21	14	14	15
18	23	24	196	34	49	57	59	128	21	12	13	170
19	22	22	70	458	48	54	55	62	19	12	13	45
20	22	23	52	1030	59	55	51	48	19	14	9.6	27
21	21	24	43	543	63	127	49	45	19	12	11	499
22	21	25	40	205	52	72	46	41	18	11	8.9	340
23	21	37	67	221	49	58	44	38	22	23	8.1	87
24	22	63	97	194	47	54	41	37	25	55	7.5	54
25	27	53	53	934	46	51	66	34	20	27	7.7	76
26	26	40	43	654	70	97	51	32	19	19	7.3	129
27	22	33	40	160	47	103	45	32	19	16	7.1	159
28	22	31	39	106	42	63	44	30	20	14	7.2	84
29	23	29	38	98	---	55	51	29	19	13	10	55
30	23	52	35	83	---	449	45	29	18	12	7.6	44
31	23	---	33	70	---	1510	---	29	---	12	7.4	---
TOTAL	860	868	1642	5526	2075	4630	3098	3570	923	602	293.0	2001.0
MEAN	27.7	28.9	53.0	178	74.1	149	103	115	30.8	19.4	9.45	66.7
MAX	117	63	196	1030	304	1510	1100	797	182	55	24	499
MIN	20	22	26	33	42	43	41	29	18	11	7.0	5.6
CFSM	0.39	0.40	0.74	2.48	1.03	2.07	1.43	1.60	0.43	0.27	0.13	0.93
IN.	0.44	0.45	0.85	2.86	1.07	2.39	1.60	1.84	0.48	0.31	0.15	1.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2002, BY WATER YEAR (WY)

MEAN	65.5	79.8	118	172	186	212	161	111	78.1	61.0	57.2	49.3
MAX	231	242	495	453	502	512	415	252	169	171	166	124
(WY)	1990	1993	1984	1993	1961	1980	1979	1998	1967	1967	1967	2000
MIN	13.8	19.2	33.1	40.1	54.4	60.0	37.2	31.3	10.5	10.5	9.45	11.8
(WY)	1982	1982	1989	1981	1986	1988	1986	1988	1988	1986	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1960 - 2002	
ANNUAL TOTAL	32956		26088.0			
ANNUAL MEAN	90.3		71.5		113	
HIGHEST ANNUAL MEAN					192	1998
LOWEST ANNUAL MEAN					45.5	1986
HIGHEST DAILY MEAN	1160	Jan 20	1510	Mar 31	4480	Feb 3 1982
LOWEST DAILY MEAN	19	Jul 23	5.6	Sep 9	1.7	Jul 22 1986
ANNUAL SEVEN-DAY MINIMUM	22	Sep 17	5.8	Sep 6	2.3	Jul 15 1988
MAXIMUM PEAK FLOW			1860	Mar 31	6100	Feb 3 1982
MAXIMUM PEAK STAGE			9.62	Mar 31	13.05	Feb 3 1982
ANNUAL RUNOFF (CFSM)	1.25		0.99		1.56	
ANNUAL RUNOFF (INCHES)	17.03		13.48		21.25	
10 PERCENT EXCEEDS	190		116		200	
50 PERCENT EXCEEDS	52		37		68	
90 PERCENT EXCEEDS	23		10		25	

e Estimated

STATION NUMBER 02335700 BIG CREEK NEAR ALPHARETTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 340302 LONGITUDE 0841610 NAD83 DRAINAGE AREA 72.00* CONTRIBUTING DRAINAGE AREA DATUM 960.80 NGVD29
Date Processed: 2003-03-11 10:16 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.45	1.59	1.98	1.79	2.42	1.99	7.49	3.49	1.68	1.37	1.59	1.09
2	1.43	1.58	1.79	1.79	2.32	4.33	3.50	2.70	1.65	1.56	1.33	1.08
3	1.42	1.61	1.73	1.91	2.23	4.50	3.01	3.57	1.60	1.76	1.28	1.05
4	1.41	1.60	1.73	1.89	2.21	2.93	2.74	6.43	1.60	2.15	1.19	1.05
5	1.41	1.59	1.70	1.87	2.15	2.59	2.60	6.81	3.62	1.60	1.14	1.06
6	2.83	1.60	1.66	2.77	3.45	2.44	2.51	3.28	2.46	1.46	1.14	1.03
7	2.00	1.59	1.66	2.45	4.59	2.36	2.43	2.75	2.08	1.39	1.14	1.02
8	1.67	1.60	1.68	2.11	3.13	2.29	2.40	2.52	1.88	1.33	1.10	1.01
9	1.58	1.60	1.65	2.00	2.73	2.46	2.40	2.56	1.76	1.32	1.09	1.01
10	1.54	1.60	2.17	1.95	2.54	2.63	2.38	2.99	1.67	1.31	1.10	1.02
11	1.53	1.61	2.55	1.93	2.45	2.26	2.33	2.43	1.63	1.36	1.09	1.03
12	1.56	1.61	2.00	1.87	2.36	3.08	2.69	2.26	1.59	1.42	1.08	1.03
13	1.59	1.60	2.42	1.85	2.29	3.22	2.95	2.30	1.56	1.38	1.07	1.03
14	2.13	1.60	2.49	1.82	2.23	2.68	2.57	2.94	1.57	1.57	1.07	2.16
15	1.89	1.61	2.07	1.84	2.21	2.47	2.42	2.27	1.67	1.44	1.08	2.10
16	1.64	1.62	1.89	1.80	2.19	2.37	---	2.12	1.58	1.36	1.11	1.73
17	1.56	1.62	2.58	1.80	2.14	2.29	---	2.06	1.52	1.31	1.31	1.36
18	1.55	1.59	3.72	1.81	2.09	2.23	2.26	3.11	1.51	1.28	1.30	3.37
19	1.55	1.55	2.43	4.52	2.08	2.18	2.19	2.31	1.47	1.25	1.27	2.01
20	1.55	1.58	2.14	7.77	2.24	2.20	2.13	2.08	1.48	1.33	1.18	1.67
21	1.53	1.60	2.00	5.95	2.32	3.12	2.09	2.02	1.48	1.25	1.21	5.54
22	1.52	1.61	1.94	3.85	2.14	2.45	2.03	1.95	1.42	1.23	1.15	4.68
23	1.53	1.84	2.32	4.02	2.09	2.24	2.00	1.90	1.55	1.44	1.12	2.62
24	1.54	2.31	2.77	3.63	2.06	2.18	1.95	1.88	1.61	2.12	1.10	2.14
25	1.66	2.17	2.16	7.45	2.04	2.13	2.35	1.81	1.50	1.66	1.10	2.42
26	1.63	1.93	2.00	6.19	2.41	2.73	2.13	1.78	1.48	1.47	1.08	3.12
27	1.55	1.79	1.93	3.48	2.06	2.84	2.02	1.77	1.47	1.38	1.08	3.43
28	1.55	1.75	1.91	2.90	1.97	2.32	2.01	1.74	1.50	1.33	1.08	2.57
29	1.57	1.71	1.90	2.79	---	2.19	2.13	1.72	1.46	1.28	1.20	2.15
30	1.59	2.12	1.83	2.60	---	4.99	2.03	1.70	1.42	1.25	1.10	1.97
31	1.58	---	1.79	2.43	---	8.93	---	1.70	---	1.26	1.09	---
MEAN	1.63	1.69	2.08	2.99	2.40	2.89	---	2.61	1.68	1.44	1.16	1.95
MAX	2.83	2.31	3.72	7.77	4.59	8.93	---	6.81	3.62	2.15	1.59	5.54
MIN	1.41	1.55	1.65	1.79	1.97	1.99	---	1.70	1.42	1.23	1.07	1.01

STATION NUMBER 02335700 BIG CREEK NEAR ALPHARETTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 340302 LONGITUDE 0841610 NAD83 DRAINAGE AREA 72.00* CONTRIBUTING DRAINAGE AREA DATUM 960.80 NGVD29
Date Processed: 2003-03-11 10:16 By acday
APPROVED
DD #13, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	0.24	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.00	0.07	0.11	0.00
3	---	---	---	---	---	---	---	1.42	0.00	0.16	0.00	0.00
4	---	---	---	---	---	---	---	2.23	0.01	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.00
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.49	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.01	0.00	0.19	0.00	0.44
14	---	---	---	---	---	---	---	0.00	0.01	0.01	0.00	0.88
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.44
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.48	0.00
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.09	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.26	2.93
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.03
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	1.23
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.11
23	---	---	---	---	---	---	0.00	0.00	0.77	0.91	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.20	0.00	0.01
25	---	---	---	---	---	---	0.18	0.00	0.01	0.00	0.10	---
26	---	---	---	---	---	---	0.00	0.00	0.03	0.42	0.19	---
27	---	---	---	---	---	---	0.00	0.00	0.03	0.00	0.00	---
28	---	---	---	---	---	---	0.35	0.00	0.01	0.00	0.00	---
29	---	---	---	---	---	---	0.02	0.00	0.00	0.00	0.00	---
30	---	---	---	---	---	---	0.25	0.00	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	---	---	---	---	---	---	---	4.39	0.87	1.97	1.24	---

02335810 CHATTAHOOCHEE RIVER AT MORGAN FALLS DAM, AT SANDY SPRINGS, GA

LOCATION.—Lat 33°58'06", long 84°22'58" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit 03130001, on upstream side of Morgan Falls Dam 3.9 miles upstream from mouth of Sope Creek at river mile 312.6.

DRAINAGE AREA.—1,370 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1988 to current year.

REVISED RECORDS.—WDR GA-90-1: 1988-89.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 12.52 feet below National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment. Prior to October 1, 2001, the datum of gage was 0.00 feet referenced to NGVD of 1929.

REMARKS.—Records good. Flow regulated by Lake Sidney Lanier since January 1956.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height recorded, 866.58 feet, February 16, 1995; minimum gage-height recorded, 857.60 feet, November 9, 1989. Extremes have been adjusted to current gage datum.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 866.24 feet, March 31; minimum gage-height recorded, 859.73 feet, December 20.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 25, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02335810 CHATTAHOOCHEE RIVER AT MORGAN FALLS DAM, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335806 LONGITUDE 0842258 NAD83 DRAINAGE AREA 1370.00* CONTRIBUTING DRAINAGE AREA DATUM -12.52 NGVD29
Date Processed: 2003-03-11 11:04 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	864.91	865.56	865.05	865.45	864.78	865.58	865.68	865.27	864.40	865.38	865.74	865.72
2	864.91	864.94	864.98	865.46	864.33	865.31	865.77	865.94	863.76	865.72	865.90	865.80
3	864.92	864.79	865.25	865.54	864.39	865.28	865.58	865.95	862.90	865.89	865.77	865.47
4	864.85	865.42	865.32	865.65	864.59	865.72	865.84	865.69	863.46	865.83	865.07	865.84
5	864.84	865.47	865.27	865.47	865.43	865.78	865.85	865.82	864.84	865.47	864.00	865.56
6	865.26	865.83	865.59	865.60	865.53	865.56	865.77	865.86	865.72	865.71	863.77	865.26
7	865.87	865.70	865.63	865.89	865.71	865.45	865.61	865.96	865.96	865.65	864.29	865.64
8	865.55	865.82	865.60	865.49	865.94	865.26	865.85	865.81	865.88	865.72	864.55	865.23
9	865.40	865.78	865.29	865.01	865.95	865.47	865.65	865.80	865.67	865.50	864.98	864.83
10	865.21	865.72	865.22	864.38	865.99	865.42	865.39	865.85	865.28	865.62	865.13	865.28
11	865.21	865.48	865.70	864.30	865.72	865.31	865.07	865.76	864.70	865.81	864.37	865.20
12	865.38	865.28	865.45	863.98	865.42	865.74	865.34	865.50	864.08	865.85	862.37	865.18
13	865.23	865.40	865.31	863.39	865.71	865.83	865.88	865.52	863.97	865.54	861.38	865.48
14	865.10	865.45	865.61	863.63	865.42	865.87	865.84	865.86	864.15	865.12	862.70	865.35
15	865.04	865.49	865.66	864.96	865.55	865.89	865.97	865.89	864.53	864.46	864.36	865.52
16	865.17	865.45	865.58	865.36	865.61	865.71	865.88	865.80	864.53	864.14	864.98	865.34
17	864.88	865.02	865.57	865.07	865.56	865.62	865.80	865.53	864.36	864.01	865.79	864.22
18	864.54	865.10	865.72	864.16	865.20	865.48	865.72	865.80	864.14	863.81	865.85	865.61
19	864.13	864.69	865.34	864.98	865.25	865.20	865.41	865.86	863.94	863.22	865.89	865.82
20	863.76	864.72	863.42	865.09	864.97	864.84	865.08	865.85	863.44	863.22	865.88	865.61
21	864.15	864.98	865.59	865.52	865.77	865.49	865.01	865.83	863.99	863.24	865.70	865.56
22	863.81	865.35	865.68	865.71	865.60	865.60	864.68	865.59	865.39	862.54	865.89	865.26
23	863.77	865.51	865.66	865.61	865.72	865.27	863.93	865.48	865.53	863.54	865.96	865.56
24	864.72	865.90	865.85	865.42	865.27	865.04	864.51	865.29	865.82	865.79	865.95	865.53
25	865.09	865.89	865.92	865.35	865.33	865.29	865.55	865.27	865.67	865.58	865.57	865.63
26	865.26	865.90	865.72	865.50	864.90	865.14	865.82	865.21	865.78	865.74	865.49	865.91
27	865.52	865.83	865.56	865.93	865.13	865.06	865.26	865.11	865.79	865.85	865.92	865.92
28	865.31	865.39	865.61	865.94	865.14	864.86	864.63	864.99	865.78	865.54	865.93	865.96
29	864.98	864.90	865.70	865.75	---	865.33	864.81	864.73	865.81	865.30	865.91	865.75
30	865.18	864.78	865.62	865.55	---	865.53	864.83	864.88	865.76	865.34	865.90	865.48
31	865.23	---	865.51	865.22	---	865.30	---	864.76	---	865.27	865.88	---
MEAN	864.94	865.38	865.45	865.17	865.35	865.43	865.40	865.56	864.83	865.01	865.06	865.48
MAX	865.87	865.90	865.92	865.94	865.99	865.89	865.97	865.96	865.96	865.89	865.96	865.96
MIN	863.76	864.69	863.42	863.39	864.33	864.84	863.93	864.73	862.90	862.54	861.38	864.22

STATION NUMBER 02335810 CHATTAHOOCHEE RIVER AT MORGAN FALLS DAM, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335806 LONGITUDE 0842258 NAD83 DRAINAGE AREA 1370.00* CONTRIBUTING DRAINAGE AREA DATUM -12.52 NGVD29
Date Processed: 2003-03-11 11:15 By bemccall
APPROVED
DD #4, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	0.04	0.00	0.05	0.21	0.00	0.00	0.00	0.00
2	---	---	---	---	0.00	1.71	0.01	0.00	0.00	0.06	0.00	0.00
3	---	---	---	---	0.01	0.27	0.00	0.70	0.00	2.08	0.00	0.00
4	---	---	---	---	0.01	0.00	0.00	3.79	0.38	0.00	0.00	0.00
5	---	---	---	---	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00
6	---	---	---	---	1.38	0.00	0.00	0.00	0.11	0.00	0.00	0.00
7	---	---	---	---	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	0.00	0.09	0.01	0.06	0.00	0.00	0.00	0.00
10	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00
11	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00
12	---	---	---	---	0.00	0.69	---	0.00	0.00	---	0.00	0.00
13	---	---	---	---	0.00	0.09	---	0.52	0.00	---	0.00	0.81
14	---	---	---	---	0.00	0.00	---	0.00	0.40	---	0.00	0.34
15	---	---	---	---	---	0.00	---	0.00	0.00	---	0.02	0.41
16	---	---	---	---	---	0.00	0.00	0.00	0.00	---	---	0.00
17	---	---	---	---	---	0.07	0.00	0.36	0.00	---	---	0.80
18	---	---	---	---	---	0.00	0.00	0.30	0.00	---	---	1.71
19	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---	---	0.00
20	---	---	---	---	0.17	0.33	0.00	0.00	0.00	---	---	0.44
21	---	---	---	---	0.00	0.18	0.00	0.00	0.00	---	0.02	0.29
22	---	---	---	---	0.00	0.00	0.01	0.00	0.04	---	0.04	0.31
23	---	---	---	---	0.00	0.00	0.00	0.00	0.17	---	0.00	0.01
24	---	---	---	---	0.00	0.00	0.00	0.00	0.02	---	0.00	0.00
25	---	---	---	0.04	0.00	0.00	0.23	0.00	0.05	---	0.00	0.95
26	---	---	---	0.00	0.04	0.81	0.00	0.01	0.05	---	0.93	0.55
27	---	---	---	0.00	0.00	0.01	0.00	0.00	0.04	---	0.00	0.12
28	---	---	---	0.00	0.00	0.00	0.04	0.00	0.05	---	0.00	0.00
29	---	---	---	0.00	---	0.00	0.04	0.00	0.04	---	0.00	0.00
30	---	---	---	0.00	---	2.40	0.22	0.00	0.00	0.00	0.00	0.03
31	---	---	---	0.00	---	0.28	---	0.00	---	0.00	0.00	---
TOTAL	---	---	---	---	---	6.93	---	5.95	2.32	---	---	6.77

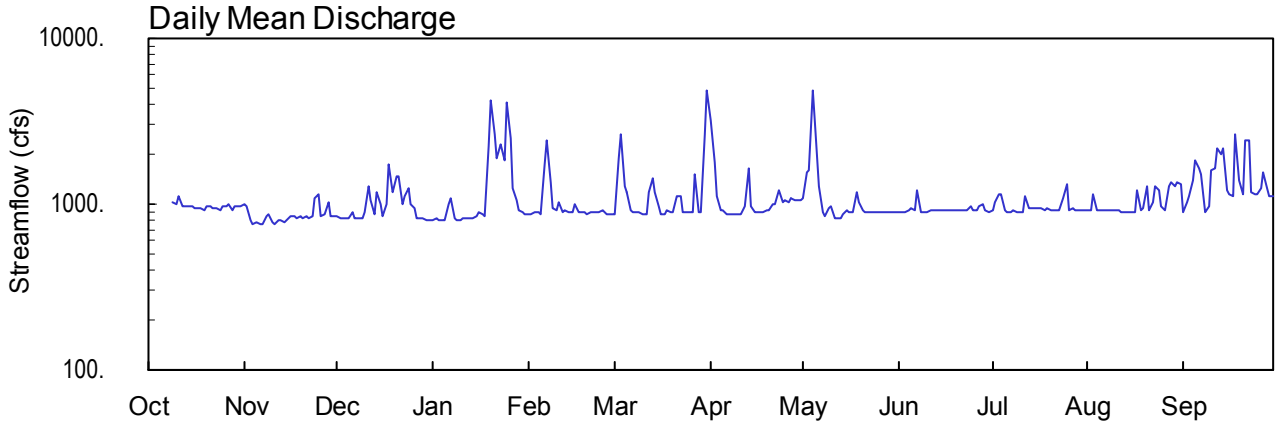
APALACHICOLA RIVER BASIN

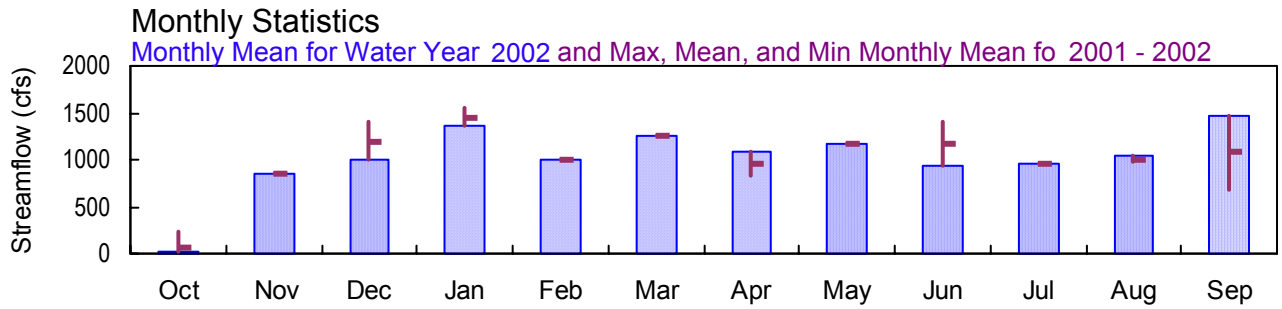
2002 Water Year

02335815 CHATTAHOOCHEE RIVER BELOW MORGAN FALLS DAM, GA

Latitude: 33°58'05" Longitude: 84°22'58" Hydrologic Unit Code: 03130001 Fulton County

Drainage Area: 1,370. mi^2 Datum: -12.52 feet





APALACHICOLA RIVER BASIN
2002 Water Year

02335815 CHATTAHOOCHEE RIVER BELOW MORGAN FALLS DAM, AT SANDY SPRINGS, GA

LOCATION.—Lat 33°58'05", long 84°22'58" referenced to North American Datum (NAD) of 1983, Cobb-Fulton County Line, Hydrologic Unit 03130001, on left bank 400.00 feet downstream of Morgan Falls Dam, 3.8 miles upstream from mouth of Sope Creek.

DRAINAGE AREA.—1,370 mi^2, approximately.

COOPERATION.—Georgia Power.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 9, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 12.52 feet below National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.--Records fair. Flow regulated by Lake Sidney Lanier since January 1956 (See "Lakes and Reservoirs in Appalachicola Basin", station 02334400).

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 9, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 12.52 feet below National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.--Records good.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height recorded, 817.70 feet, May 4; minimum gage-height recorded, 810.45 feet, October 28.

STATION NUMBER 02335815 CHATTAHOOCHEE RIVER BELOW MORGAN FALLS DAM, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335805 LONGITUDE 0842258 NAD83 DRAINAGE AREA 1370.00* CONTRIBUTING DRAINAGE AREA DATUM -12.52 NGVD29
Date Processed: 2003-03-11 10:21 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	1000	847	e800	874	875	3180	1100	901	908	922	898
2	---	969	830	813	877	1890	1790	1580	896	1020	916	1020
3	---	806	828	805	885	2610	1130	1600	891	1150	1150	1130
4	---	759	832	e809	888	1270	924	4830	922	1150	915	1410
5	---	769	828	e798	882	1180	918	3090	936	912	912	1840
6	---	763	888	1000	1720	912	873	1280	932	904	921	1630
7	---	760	827	1090	2410	903	867	898	1210	886	912	1530
8	---	858	832	828	1350	901	871	845	903	913	911	892
9	1030	875	831	791	955	894	872	947	901	901	914	986
10	1010	782	905	809	929	880	876	973	900	906	909	1610
11	1130	768	1280	823	1040	871	873	829	909	897	908	1670
12	984	795	1060	822	901	1170	962	824	915	1120	903	2150
13	972	790	872	826	911	1450	1650	832	909	936	900	2010
14	965	786	1180	831	903	1180	970	862	912	942	905	2170
15	966	804	991	845	899	966	890	923	916	938	903	1220
16	956	842	853	886	994	882	889	895	914	939	906	1160
17	942	837	1010	863	894	866	888	907	923	935	1200	1130
18	951	833	1760	837	893	909	897	1170	911	931	932	2610
19	932	843	1190	2210	902	897	923	1040	916	933	957	1400
20	966	828	e1490	4190	874	886	932	926	912	924	1290	1150
21	961	837	e1480	2660	885	1130	1000	886	909	921	910	2450
22	951	832	e995	1910	897	1130	994	892	922	921	1040	2450
23	955	854	e1120	2290	900	893	1210	894	913	919	1290	1180
24	930	1100	e1240	1820	885	887	1040	897	969	1080	1230	1140
25	984	1160	e995	4140	909	888	1060	886	921	1320	962	1140
26	980	856	e958	2480	871	894	1030	890	912	925	912	1260
27	991	864	e820	1240	871	1500	1080	885	960	941	1280	1540
28	928	1030	e815	1050	864	894	1060	889	995	912	1360	1250
29	963	839	817	910	---	891	1050	887	924	919	1290	1120
30	973	836	e811	887	---	2610	1060	897	901	926	1370	1110
31	974	---	801	880	---	4890	---	898	---	921	1310	---
TOTAL	---	25675	30986	41943	28063	38999	32759	36152	27855	29850	32140	44256
MEAN	---	856	1000	1353	1002	1258	1092	1166	928	963	1037	1475
MAX	---	1160	1760	4190	2410	4890	3180	4830	1210	1320	1370	2610
MIN	---	759	801	791	864	866	867	824	891	886	900	892

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	---	856	1202	1449	1002	1258	964	1166	1164	963	1005	1077
MAX	---	856	1405	1545	1002	1258	1092	1166	1400	963	1037	1475
(WY)	---	2002	2001	2001	2002	2002	2002	2002	2001	2002	2002	2002
MIN	---	856	1000	1353	1002	1258	836	1166	928	963	974	679
(WY)	---	2002	2002	2002	2002	2002	2001	2002	2002	2002	2001	2001

SUMMARY STATISTICS	WATER YEARS 2001 - 2002	
HIGHEST DAILY MEAN	5470	Mar 15 2001
LOWEST DAILY MEAN	630	Sep 23 2001
ANNUAL SEVEN-DAY MINIMUM	641	Sep 17 2001
MAXIMUM PEAK FLOW	6960	May 4 2002
MAXIMUM PEAK STAGE	817.70	May 4 2002

e Estimated

STATION NUMBER 02335815 CHATTAHOOCHEE RIVER BELOW MORGAN FALLS DAM, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335805 LONGITUDE 0842258 NAD83 DRAINAGE AREA 1370.00* CONTRIBUTING DRAINAGE AREA DATUM -12.52 NGVD29
Date Processed: 2003-03-11 10:21 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	810.82	810.67	---	810.63	810.63	813.11	810.85	810.92	810.97	811.06	811.07
2	---	810.78	810.65	810.64	810.64	811.71	811.56	811.33	810.91	811.17	811.05	811.27
3	---	810.63	810.65	810.63	810.64	812.47	810.88	811.37	810.90	811.38	811.43	811.44
4	---	810.59	810.65	---	810.65	811.01	810.68	815.12	810.96	811.39	811.05	811.80
5	---	810.60	810.65	---	810.64	810.93	810.67	813.62	810.99	810.98	811.04	812.42
6	---	810.59	810.71	810.82	811.49	810.67	810.63	811.53	810.98	810.97	811.06	812.15
7	---	810.59	810.65	810.90	812.25	810.66	810.63	810.92	811.44	810.94	811.05	812.02
8	---	810.68	810.65	810.65	811.10	810.66	810.63	810.81	810.93	811.00	811.05	811.07
9	810.84	810.70	810.65	810.62	810.71	810.65	810.63	811.00	810.92	810.97	811.06	811.23
10	810.82	810.61	810.72	810.63	810.68	810.64	810.63	811.06	810.92	810.98	811.05	812.13
11	810.94	810.60	811.09	810.65	810.79	810.63	810.63	810.78	810.94	810.97	811.05	812.21
12	810.79	810.62	810.88	810.64	810.66	810.92	810.72	810.77	810.95	811.34	811.05	812.80
13	810.78	810.62	810.69	810.65	810.67	811.19	811.41	810.77	810.94	811.05	811.04	812.57
14	810.78	810.61	810.98	810.65	810.66	810.93	810.72	810.84	810.94	811.06	811.05	812.79
15	810.78	810.63	810.80	810.67	810.66	810.72	810.65	810.96	810.95	811.05	811.05	811.61
16	810.77	810.66	810.67	810.70	810.75	810.64	810.65	810.91	810.96	811.05	811.05	811.51
17	810.76	810.66	810.83	810.68	810.65	810.63	810.65	810.93	810.97	811.06	811.51	811.48
18	810.76	810.66	811.58	810.66	810.65	810.67	810.65	811.34	810.95	811.05	811.11	813.11
19	810.75	810.66	811.00	812.15	810.66	810.65	810.68	811.15	810.96	811.05	811.15	811.85
20	810.78	810.65	---	814.29	810.63	810.64	810.69	810.95	810.95	811.04	811.65	811.51
21	810.77	810.66	---	812.52	810.64	810.88	810.75	810.89	810.96	811.03	811.07	813.00
22	810.76	810.65	---	811.69	810.65	810.88	810.75	810.91	810.98	811.04	811.29	813.08
23	810.77	810.67	---	812.11	810.66	810.65	810.96	810.91	810.97	811.04	811.66	811.54
24	810.74	810.91	---	811.60	810.64	810.64	810.79	810.91	811.06	811.29	811.58	811.49
25	810.80	810.97	---	814.22	810.67	810.65	810.81	810.90	810.98	811.64	811.16	811.48
26	810.79	810.68	---	812.33	810.63	810.65	810.78	810.90	810.97	811.05	811.08	811.67
27	810.80	810.68	---	810.98	810.63	811.29	810.82	810.89	811.06	811.08	811.66	812.03
28	810.74	810.85	---	810.80	810.62	810.65	810.81	810.90	811.12	811.04	811.76	811.64
29	810.78	810.66	810.64	810.67	---	810.65	810.80	810.90	811.00	811.05	811.68	811.46
30	810.78	810.66	---	810.64	---	812.53	810.81	810.92	810.95	811.06	811.80	811.44
31	810.79	---	810.63	810.64	---	815.15	---	810.92	---	811.05	811.70	---
MEAN	---	810.68	---	---	810.76	811.04	810.85	811.19	810.98	811.09	811.26	811.90
MAX	---	810.97	---	---	812.25	815.15	813.11	815.12	811.44	811.64	811.80	813.11
MIN	---	810.59	---	---	810.62	810.63	810.63	810.77	810.90	810.94	811.04	811.07

02335830 CHATTAHOOCHEE RIVER AT JOHNSON FERRY ROAD, NEAR ATLANTA, GA

LOCATION.—Lat 35°56'36", long 84°24'17", referenced to North American Datum (NAD) of 1927, Hydrologic Unit 03130001, on the downstream end of bridge pier, 2.1 miles downstream from Morgan Falls Dam, 2.0 miles upstream from Sope Creek, and at mile 310.5

DRAINAGE AREA. -- 1,380 mi^2.

PERIODIC WATER-QUALITY RECORDS

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TURBIDITY LAB (NTU) (82079)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	E COLI, COLILERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLIFORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
OCT				
05...	6.7	98	57	1790
06...	6.8	98	120	1890
07...	8.5	93	200	4340
08...	7.8	90	57	1660
09...	9.6	94	32	1340
10...	7.6	92	47	754
11...	8.8	88	38	838
12...	6.3	--	41	1660
13...	5.9	--	39	1370
14...	5.1	--	40	1600
15...	6.1	--	57	4400
16...	10	98	41	1820
17...	7.7	88	70	2040
18...	6.7	98	36	708
19...	4.0	90	39	645
20...	3.6	101	31	608
21...	4.4	89	59	903
22...	7.0	100	97	1080
23...	7.0	99	1200	13000
24...	7.0	93	67	1640
25...	6.0	91	260	2320
26...	3.0	93	86	1150
27...	4.0	88	59	1950
28...	4.0	92	41	1150
29...	5.0	99	34	545
30...	3.0	96	23	1020
31...	6.0	88	38	919
NOV				
01...	5.0	89	30	1040
02...	2.7	86	51	1000
03...	3.0	95	26	554
04...	3.3	96	38	940
05...	3.9	93	52	1100
07...	5.1	95	25	1290
08...	5.8	105	15	1810
09...	3.1	100	21	368
10...	4.3	103	21	836
11...	3.3	105	11	437
12...	4.1	111	13	752
13...	3.8	110	22	289
14...	4.8	107	25	597
15...	4.3	110	15	1030
16...	3.6	110	15	1260
17...	4.3	113	25	276
18...	3.6	126	26	488
19...	5.1	109	24	1050
20...	5.1	119	27	1560
21...	6.7	106	40	1340
22...	5.3	106	35	257
23...	2.7	104	53	847
24...	4.2	97	24	1290
25...	7.9	104	88	3550
26...	5.4	102	32	923

02335830 CHATTAHOOCHEE RIVER AT JOHNSON FERRY ROAD, NEAR ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
27...	5.4	95	31	713
28...	32	88	68	843
29...	6.8	91	26	1450
30...	5.8	86	26	1540
DEC				
01...	7.0	85	72	1490
02...	7.4	90	21	1240
03...	6.3	88	31	1570
04...	4.7	79	38	490
05...	5.9	80	31	761
06...	5.8	82	36	1490
07...	5.2	97	27	1540
08...	5.1	101	23	1130
09...	5.0	107	25	1330
10...	5.5	119	37	1410
11...	6.3	104	110	4720
12...	13	91	150	2830
13...	5.7	101	29	363
14...	6.9	97	110	3530
15...	7.2	94	50	597
16...	8.3	102	47	1540
17...	7.0	102	23	1550
18...	28	87	1100	21000
19...	28	86	480	6480
20...	57	98	190	4620
21...	5.7	67	250	3170
22...	9.6	84	41	643
27...	7.3	95	48	1190
28...	6.3	100	55	1610
29...	6.0	98	25	1210
30...	6.8	98	120	2070
JAN				
04...	4.5	107	56	802
05...	4.1	106	32	918
06...	3.7	107	34	811
07...	5.0	102	110	7100
08...	8.0	100	180	5840
09...	9.0	106	88	1430
10...	6.0	109	34	1280
11...	4.0	110	45	1180
12...	6.4	100	25	202
13...	6.8	106	120	2140
14...	4.0	98	48	1940
15...	3.0	87	15	1460
16...	5.0	88	10	524
17...	4.0	90	8	597
18...	6.0	102	17	132
19...	6.0	119	18	820
20...	140	61	2100	12700
21...	120	63	1400	15700
22...	52	73	3200	21400
23...	44	81	950	12400
24...	37	66	880	9520
25...	190	61	1800	26300
26...	100	65	1300	17000
27...	61	73	700	7430
28...	33	90	120	4340
29...	22	96	59	2820
30...	15	108	31	2220
31...	18	110	30	910

02335830 CHATTAHOOCHEE RIVER AT JOHNSON FERRY ROAD, NEAR ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
FEB				
01...	13	114	37	978
02...	16	114	30	175
03...	13	123	130	1740
04...	5.1	105	48	1100
05...	4.9	101	28	820
06...	5.1	96	50	1400
07...	16	84	1900	19400
08...	34	78	950	13700
09...	33	89	740	6420
10...	18	99	140	1240
11...	12	108	37	983
12...	9.6	108	12	974
13...	3.8	104	18	860
14...	4.9	96	19	1170
15...	5.4	118	12	724
16...	6.4	106	3	941
17...	6.8	105	9	970
18...	7.3	110	12	836
19...	4.4	116	9	1180
20...	4.1	104	12	815
21...	5.5	112	23	1640
22...	6.3	97	9	1410
23...	6.4	111	33	855
24...	5.1	103	5	1860
25...	3.0	122	7	1540
26...	2.8	105	16	1240
27...	3.4	117	18	2490
28...	2.5	101	12	1020
MAR				
01...	3.0	97	10	1150
02...	3.5	95	550	2060
03...	53	66	930	47700
04...	46	76	740	2480
05...	29	91	230	1120
06...	15	100	58	3510
07...	9.4	108	26	1780
08...	9.4	90	18	1540
09...	9.4	90	8	1410
10...	11	81	39	3070
11...	4.8	97	100	1220
12...	5.1	94	19	1160
13...	4.7	78	81	2960
14...	6.4	80	34	1760
15...	12	102	9	1860
16...	12	110	17	1660
17...	8.6	109	24	1430
18...	6.3	120	16	1390
19...	6.9	117	7	1400
20...	3.6	122	47	1660
21...	6.4	124	9	1240
22...	7.4	98	83	2360
23...	6.7	106	28	1300
24...	5.6	101	8	964
25...	6.4	111	23	1680
26...	7.1	100	28	890
27...	11	108	76	3500
28...	13	95	70	2600
29...	9.0	108	29	1830
30...	8.0	101	55	2870
31...	210	59	5000	95400

02335830 CHATTAHOOCHEE RIVER AT JOHNSON FERRY ROAD, NEAR ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
APR				
01...	100	44	1400	24400
02...	16	43	260	5650
03...	19	60	89	2120
04...	12	70	45	1870
05...	10	101	12	1750
06...	8.2	112	12	1500
07...	7.8	100	9	1930
08...	4.9	84	21	1530
09...	3.3	86	18	3220
10...	6.4	88	26	740
11...	3.0	46	12	2050
12...	8.6	102	66	2730
13...	7.6	101	1200	15400
14...	7.6	101	160	5480
15...	4.0	93	47	4510
16...	5.0	100	10	2090
17...	5.0	108	20	1560
18...	5.0	105	27	1610
19...	4.0	116	14	2500
20...	4.0	124	20	3920
21...	4.0	130	28	5800
22...	4.0	129	47	4220
23...	10	128	280	5170
24...	6.7	108	54	4470
25...	5.7	90	150	6620
26...	4.2	97	97	3820
27...	5.5	101	56	3300
28...	4.8	112	16	1630
29...	5.9	126	49	2710
30...	7.1	110	55	4520
MAY				
01...	7.7	115	27	3540
02...	7.0	100	170	3650
03...	9.7	90	120	5740
04...	37	86	880	23100
05...	150	58	5300	228000
06...	71	64	640	14300
07...	37	82	130	6220
08...	18	78	56	4470
09...	12	89	38	5170
10...	9.0	106	18	4850
11...	8.0	104	18	5430
12...	8.0	102	42	3450
13...	12	97	190	5480
14...	5.7	104	110	5350
15...	9.8	89	65	3620
16...	10	91	55	4190
17...	7.0	110	47	2580
18...	6.0	110	100	3410
19...	10	96	76	6580
20...	4.4	94	29	433
21...	4.0	101	30	2420
22...	3.3	110	16	1630
23...	5.7	111	16	1630
24...	3.9	110	12	3970
25...	6.0	111	12	2580
26...	4.0	111	12	2940
27...	3.0	110	9	2260
28...	2.2	112	12	3030
29...	2.4	113	23	3100
30...	2.4	112	36	2010
31...	2.9	102	20	2820

02335830 CHATTAHOOCHEE RIVER AT JOHNSON FERRY ROAD, NEAR ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
JUN				
01...	3.3	108	14	2810
02...	4.1	112	14	3960
03...	4.0	114	20	2920
04...	4.4	105	26	5170
05...	5.4	83	93	10400
06...	7.2	95	67	8460
07...	9.0	97	88	7820
08...	10	90	37	6480
09...	11	96	27	5040
10...	4.1	100	18	4300
11...	3.1	110	18	3080
12...	3.0	112	20	4460
13...	3.2	108	12	4610
14...	5.0	--	27	2640
15...	6.0	--	140	4700
16...	6.0	--	9	2980
17...	4.0	--	24	4040
18...	4.0	--	12	3000
19...	4.0	--	24	2920
20...	4.0	--	30	4610
21...	6.0	--	9	3040
22...	6.0	--	31	3460
23...	5.0	--	100	4430
24...	3.0	--	32	3100
25...	5.0	--	39	3500
26...	3.0	--	18	3180
27...	2.0	--	18	2690
28...	4.0	--	9	2520
29...	3.0	--	21	2230
30...	4.0	--	20	2010
JUL				
01...	2.0	--	9	2140
02...	3.0	--	9	2670
03...	4.0	--	89	2730
04...	18	--	140	6110
05...	10	--	55	3220
06...	5.0	--	9	1800
07...	7.0	--	24	2970
09...	5.0	--	16	2930
10...	5.0	--	7	3530
11...	5.0	--	27	3010
12...	10	--	55	5410
13...	12	--	56	2590
14...	6.0	--	37	2470
15...	2.0	--	46	4460
16...	2.0	--	9	3000
17...	3.0	--	37	3940
18...	3.0	--	23	3920
19...	4.0	--	16	2500
20...	8.0	--	44	2830
21...	7.0	--	64	2960
22...	7.0	--	48	2810
23...	8.0	--	34	4000
24...	8.0	--	230	4390
25...	13	--	400	11300
26...	19	--	100	5840
27...	9.0	--	85	4360
28...	8.0	--	47	6620
29...	6.0	--	34	4630
30...	6.0	--	50	4110
31...	6.0	--	77	3440

02335830 CHATTAHOOCHEE RIVER AT JOHNSON FERRY ROAD, NEAR ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
AUG			
01...	6.0	25	3200
02...	8.0	46	3230
03...	10	130	4720
04...	7.0	34	2200
05...	6.0	37	2930
06...	4.0	92	3920
07...	4.0	350	6490
08...	6.0	75	4040
09...	5.0	80	2820
10...	4.0	72	3880
11...	5.0	40	1630
12...	5.0	20	2150
13...	9.0	77	3460
14...	7.0	50	>24200
15...	3.0	150	4390
16...	5.0	110	4720
17...	4.0	200	4850
18...	9.0	300	>24200
19...	5.0	65	4120
20...	10	170	11200
21...	6.0	68	4080
22...	6.0	34	2850
23...	6.0	55	3570
24...	7.0	53	3430
25...	5.0	24	3570
26...	4.0	17	2660
27...	6.0	200	10000
28...	3.0	110	4880
29...	11	30	4790
30...	9.0	47	3660
31...	7.0	63	2810
SEP			
01...	5.0	62	3130
02...	6.0	430	10500
03...	5.0	64	4540
04...	11	72	4120
05...	10	60	1980
06...	6.0	37	3670
07...	7.0	50	3700
08...	4.0	23	3660
09...	5.0	39	2740
10...	10	93	4220
11...	8.0	120	3820
12...	13	90	3360
13...	14	150	4680
14...	10	430	15100
15...	12	370	20000
16...	14	130	7270
17...	13	18	3310
18...	33	1100	48800
19...	13	790	46100
20...	33	170	8900
21...	63	2500	51700
22...	63	1000	43600
23...	42	180	12900
24...	44	160	3340
25...	17	210	4560
26...	14	270	8660
27...	16	130	5420
28...	16	84	5790
29...	16	37	8020
30...	13	79	5790

Remark codes used in this report:
> -- Greater than

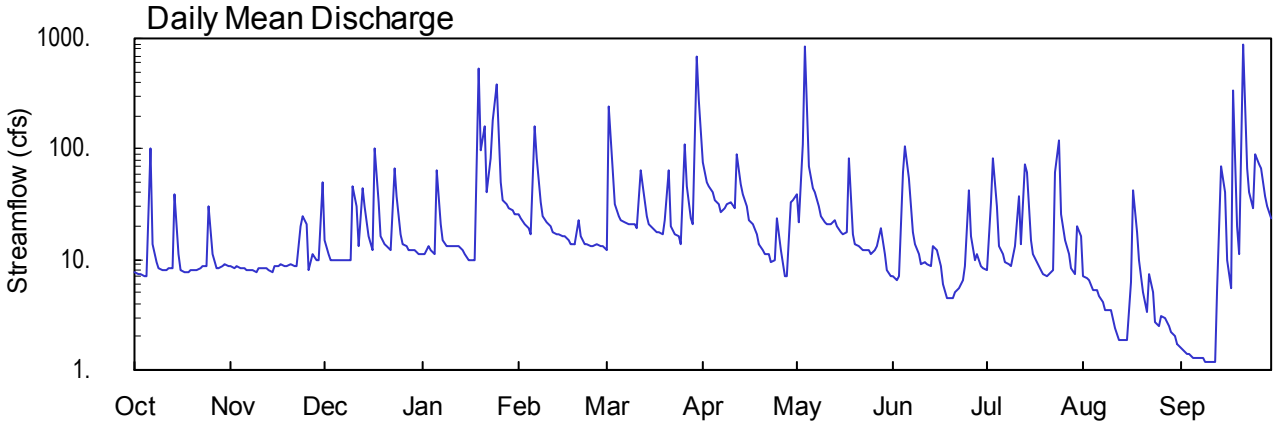
APALACHICOLA RIVER BASIN

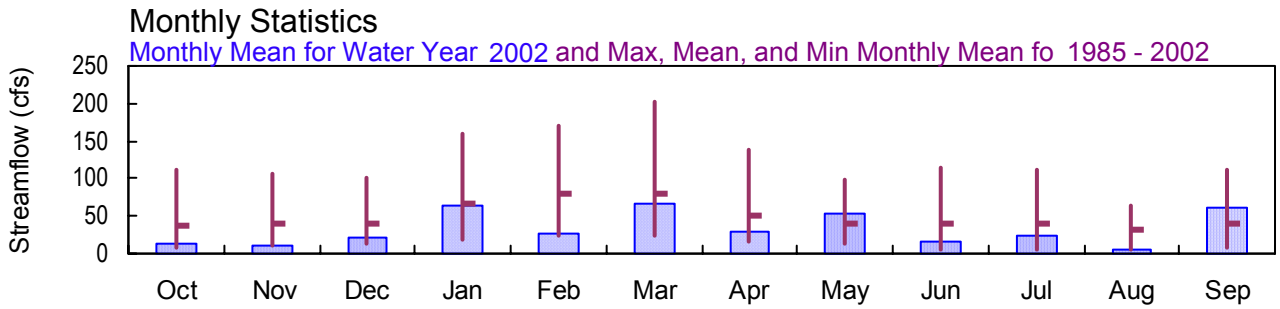
2002 Water Year

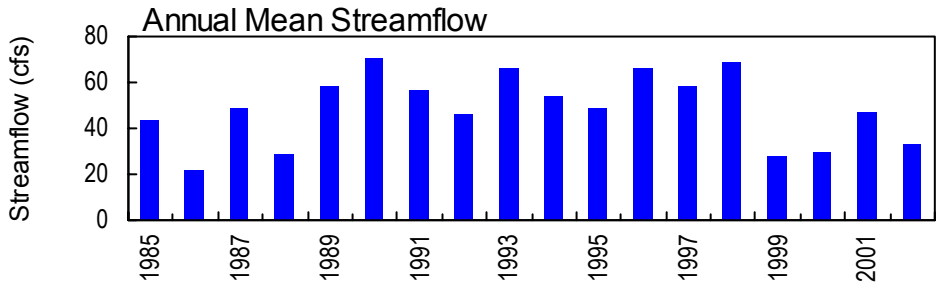
02335870 SOPE CREEK NEAR MARIETTA, GA

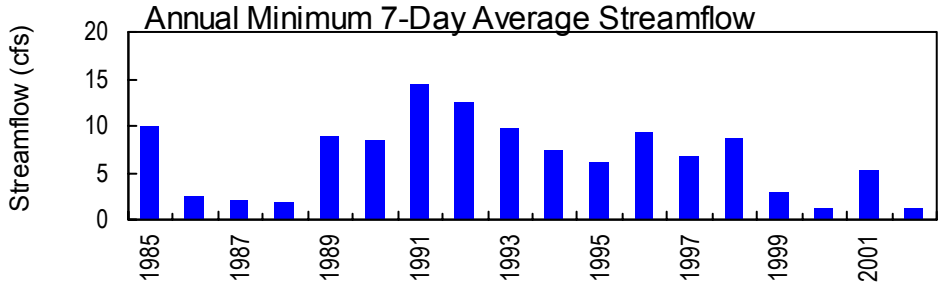
Latitude: 33°57'14" Longitude: 84°26'36" Hydrologic Unit Code: 03130001 Cobb County

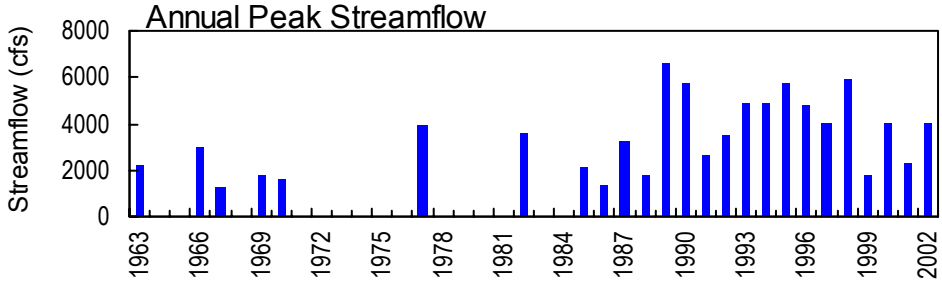
Drainage Area: 29.2 mi^2 Datum: 881.37 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02335870 SOPE CREEK NEAR MARIETTA, GA
(National Water-Quality Assessment station)

LOCATION.—Lat 33°57'14", long 84°26'36" referenced to North American Datum (NAD) of 1983, Cobb County, Hydrologic Unit 03130001, on downstream side of bridge on Lower Roswell Road (South Roswell Road), 0.3 miles downstream from Bishop Creek, 6.1 miles east of Marietta, and 2.6 miles upstream from mouth.

DRAINAGE AREA.—29.2 mi^2, approximately.

COOPERATION.—USGS National Water-Quality Assessment (NAWQA) Program; Atlanta Regional Commission.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1984 to current year. Occasional low-flow measurements, water years 1944, 1951, 1953-55, 1957, 1961.

REVISED RECORDS.—WDR GA-89-1: 1985(P), 1986(M), 1987 (P, daily discharge, and monthly runoff), 1988(P).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 881.37 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records good, except those for periods of estimated daily discharge, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than a base discharge of 900 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 19	1700	1,950	9.91
Jan. 25	0045	1,790	9.63
Mar. 30	1900	2,280	10.49
May 4	1045	3,200	11.98
Sep. 18	0300	1,910	9.84
Sep. 21	0515	4,020*	13.18*

02335870 SOPE CREEK NEAR MARIETTA, GA--continued.
(National Water-Quality Assessment station)

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1984 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 881.37 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.18 feet, September 21; minimum gage-height recorded, 1.59 feet, September 9-13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 29, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02335870 SOPE CREEK NEAR MARIETTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 335714 LONGITUDE 0842636 NAD83 DRAINAGE AREA 29.20* CONTRIBUTING DRAINAGE AREA DATUM 881.37 NGVD29
Date Processed: 2003-03-11 10:23 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.7	8.6	15	11	26	e12	77	39	e7.0	8.1	7.2	e1.6
2	7.4	8.5	11	11	24	e245	50	22	e6.5	33	6.7	e1.5
3	7.3	8.7	10	13	e21	64	e46	111	e7.0	84	6.4	e1.4
4	7.1	8.5	10	12	e19	32	e41	842	e61	30	e5.2	e1.4
5	7.1	8.5	9.9	11	17	25	e35	70	104	13	e5.2	e1.3
6	101	8.1	9.9	63	159	23	e31	44	55	11	e4.7	e1.3
7	14	8.0	9.7	21	84	22	e27	e40	18	9.3	e4.1	e1.3
8	9.4	8.1	9.8	15	33	21	e29	e30	14	9.0	e3.5	e1.3
9	8.2	7.8	9.7	13	25	21	e31	e25	e11	8.6	e3.5	e1.2
10	8.0	8.3	46	13	22	21	e33	e22	e9.1	13	e3.5	e1.2
11	8.0	8.3	30	13	20	19	e29	21	9.5	37	e2.4	e1.2
12	8.2	8.2	13	13	18	64	e88	21	9.1	14	e1.9	e1.2
13	8.2	7.9	44	13	17	46	e48	23	8.6	73	e1.9	e5.2
14	39	7.6	30	12	17	25	e39	20	13	61	e1.9	71
15	11	8.6	16	11	16	21	e30	18	12	15	e1.9	41
16	8.1	8.7	12	e10	16	19	23	17	8.7	11	e6.3	10
17	7.6	8.9	e100	e10	15	18	21	18	e6.0	9.3	42	e5.4
18	7.7	8.6	e33	e10	14	18	e17	83	e4.5	8.1	18	345
19	8.1	8.7	e16	e534	14	17	e14	17	e4.5	7.4	10	20
20	8.0	8.9	14	96	23	23	e12	14	e4.5	7.1	5.1	11
21	8.0	8.7	13	161	16	63	e11	13	e5.0	7.3	3.4	868
22	8.2	8.7	12	41	14	20	e11	12	e5.5	7.9	7.4	67
23	8.6	20	68	81	14	17	e9.6	12	e6.5	62	5.1	41
24	8.6	25	37	179	13	e16	e10	12	8.8	118	e2.7	e29
25	30	21	17	389	13	e14	e24	11	43	26	e2.5	e89
26	11	7.9	14	50	14	111	e12	12	16	15	e3.1	74
27	8.4	11	13	34	e13	46	e7.1	13	10	11	e3.0	67
28	8.4	10	12	31	e13	24	e7.1	19	11	8.5	e2.5	e37
29	8.8	9.8	12	29	---	21	33	e11	8.8	7.4	e2.2	e30
30	9.1	49	12	28	---	695	35	e8.0	8.3	20	e2.0	e24
31	8.6	---	11	26	---	278	---	e7.0	---	16	e1.7	---
TOTAL	408.8	338.6	670.0	1954	710	2061	880.8	1627.0	495.9	761.0	177.0	1850.5
MEAN	13.2	11.3	21.6	63.0	25.4	66.5	29.4	52.5	16.5	24.5	5.71	61.7
MAX	101	49	100	534	159	695	88	842	104	118	42	868
MIN	7.1	7.6	9.7	10	13	12	7.1	7.0	4.5	7.1	1.7	1.2
CFSM	0.45	0.39	0.74	2.16	0.87	2.28	1.01	1.80	0.57	0.84	0.20	2.11
IN.	0.52	0.43	0.85	2.49	0.90	2.63	1.12	2.07	0.63	0.97	0.23	2.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2002, BY WATER YEAR (WY)

MEAN	37.0	39.3	39.2	67.3	80.0	78.5	50.4	40.5	40.4	38.9	31.7	39.3
MAX	112	107	101	159	170	201	139	98.3	114	113	65.1	111
(WY)	1996	1993	1993	1993	1995	1990	1998	1991	1989	1989	1985	1989
MIN	7.07	11.3	14.6	18.5	23.2	25.1	16.0	12.3	4.65	4.89	5.71	7.30
(WY)	1988	2002	1989	1986	1986	1988	1986	2000	1988	1986	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1985 - 2002	
ANNUAL TOTAL	15420.3		11934.6			
ANNUAL MEAN	42.2		32.7		48.4	
HIGHEST ANNUAL MEAN					70.5	1990
LOWEST ANNUAL MEAN					21.8	1986
HIGHEST DAILY MEAN	569	Jan 19	868	Sep 21	2530	Feb 16 1995
LOWEST DAILY MEAN	7.1	Oct 4	1.2	Sep 9	0.79	Jul 20 1988
ANNUAL SEVEN-DAY MINIMUM	7.5	Sep 29	1.2	Sep 6	1.2	Aug 14 2000
MAXIMUM PEAK FLOW			4020	Sep 21	6630	Sep 30 1989
MAXIMUM PEAK STAGE			13.18	Sep 21	16.22	Sep 30 1989
INSTANTANEOUS LOW FLOW					0.61	Jul 21 1988
ANNUAL RUNOFF (CFSM)	1.45		1.12		1.66	
ANNUAL RUNOFF (INCHES)	19.65		15.20		22.50	
10 PERCENT EXCEEDS	86		62		85	
50 PERCENT EXCEEDS	22		13		24	
90 PERCENT EXCEEDS	8.5		5.1		8.8	

e Estimated

STATION NUMBER 02335870 SOPE CREEK NEAR MARIETTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 335714 LONGITUDE 0842636 NAD83 DRAINAGE AREA 29.20* CONTRIBUTING DRAINAGE AREA DATUM 881.37 NGVD29
Date Processed: 2003-03-11 10:23 By acday
APPROVED
DD #2

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.65	1.68	1.85	1.75	2.19	1.89	2.73	2.24	1.88	1.80	1.77	---
2	1.64	1.67	1.76	1.76	2.14	3.82	2.40	1.95	1.88	2.11	1.76	---
3	1.64	1.68	1.73	1.81	2.12	2.69	2.36	2.94	1.88	2.66	1.75	1.61
4	1.63	1.67	1.72	1.77	2.07	2.28	2.35	5.71	2.42	2.26	1.74	1.61
5	1.63	1.67	1.72	1.76	2.01	2.17	2.35	2.78	2.96	1.95	1.73	1.61
6	2.80	1.66	1.72	2.53	3.33	2.13	2.34	2.49	2.57	1.88	1.73	1.60
7	1.83	1.66	1.71	1.98	2.89	2.11	2.34	2.45	2.06	1.84	1.72	1.60
8	1.70	1.66	1.71	1.84	2.30	2.08	2.34	2.44	1.97	1.83	1.71	1.60
9	1.66	1.65	1.71	1.80	2.17	2.09	2.34	2.43	1.95	1.82	1.71	1.60
10	1.66	1.67	2.29	1.80	2.11	2.09	2.33	2.31	1.89	1.87	1.71	1.60
11	1.66	1.67	2.13	1.80	2.06	2.04	2.33	2.13	1.85	2.34	1.71	1.61
12	1.66	1.66	1.80	1.80	2.04	2.61	2.83	2.12	1.83	1.96	1.71	1.59
13	1.66	1.65	2.26	1.80	2.01	2.48	2.39	2.17	1.82	2.37	1.70	1.68
14	2.22	1.64	2.14	1.77	1.99	2.16	2.34	2.10	1.93	2.57	1.70	2.64
15	1.74	1.68	1.87	1.76	1.98	2.08	2.14	2.06	1.91	2.00	1.70	2.42
16	1.66	1.68	1.79	1.74	1.98	2.05	1.97	2.04	1.82	1.89	1.75	1.87
17	1.65	1.69	---	1.74	1.96	2.03	1.94	2.06	1.81	1.84	2.39	1.72
18	1.65	1.68	---	1.74	1.94	2.02	1.93	2.81	1.81	1.80	2.02	4.29
19	1.66	1.68	---	4.59	1.93	1.99	1.91	2.03	1.80	1.78	1.86	2.09
20	1.66	1.69	1.84	2.97	2.11	2.09	1.90	1.97	1.80	1.77	1.70	1.89
21	1.66	1.68	1.80	3.38	1.98	2.63	1.90	1.94	1.80	1.77	1.65	5.61
22	1.66	1.68	1.79	2.41	1.92	2.06	1.89	1.92	1.80	1.79	1.75	2.58
23	1.68	1.90	2.50	2.82	1.92	2.01	1.89	1.91	1.83	2.37	1.71	2.23
24	1.68	2.05	2.23	3.15	1.91	1.99	1.89	1.91	1.82	2.93	1.62	2.21
25	2.10	1.98	1.90	4.51	1.91	1.98	2.03	1.90	2.26	2.20	1.62	2.77
26	1.74	1.76	1.84	2.53	1.92	2.98	1.89	1.92	2.00	2.00	1.64	2.66
27	1.67	1.75	1.81	2.32	---	2.45	1.88	1.94	1.86	1.90	1.63	2.57
28	1.67	1.73	1.79	2.26	---	2.14	1.88	2.07	1.89	1.81	1.62	2.19
29	1.68	1.72	1.78	2.23	---	2.08	2.13	1.89	1.82	1.78	1.61	2.17
30	1.69	2.36	1.77	2.21	---	5.62	2.15	1.88	1.81	1.98	1.61	2.17
31	1.68	---	1.76	2.19	---	4.18	---	1.88	---	1.99	1.61	---
MEAN	1.74	1.73	---	2.27	---	2.42	2.17	2.27	1.96	2.03	1.73	---
MAX	2.80	2.36	---	4.59	---	5.62	2.83	5.71	2.96	2.93	2.39	---
MIN	1.63	1.64	---	1.74	---	1.89	1.88	1.88	1.80	1.77	1.61	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02335870 SOPE CREEK NEAR MARIETTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 335714 LONGITUDE 0842636 NAD83 DRAINAGE AREA 29.20* CONTRIBUTING DRAINAGE AREA DATUM 881.37 NGVD29
Date Processed: 2003-03-11 10:23 By acday
APPROVED
DD #13, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.04	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.16	0.00	0.76	0.00	1.31	0.00	0.00
4	0.00	0.00	0.00	0.12	0.00	0.00	0.00	2.12	1.29	0.00	0.00	0.00
5	0.14	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
6	0.48	0.00	0.00	0.55	1.42	0.00	0.00	0.00	0.22	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.09	0.02	0.06	0.00	0.00	0.00	0.00
10	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00
11	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00
12	0.00	0.00	0.00	0.03	0.00	0.60	0.88	0.00	0.00	0.02	0.00	0.00
13	0.04	0.00	---	0.00	0.00	0.15	0.07	0.48	0.00	0.72	0.00	0.97
14	0.53	0.00	0.14	0.01	0.00	0.00	0.00	0.00	0.32	0.02	0.01	0.32
15	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.41
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
17	0.00	0.00	---	0.00	0.00	0.05	0.00	0.61	0.00	0.00	0.30	1.37
18	0.00	0.00	---	0.01	0.00	0.00	0.00	0.35	0.00	0.00	0.09	1.19
19	0.00	0.00	0.00	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.00	0.00	0.00	0.17	0.37	0.00	0.00	0.00	0.00	0.00	0.74
21	0.00	0.00	0.00	0.72	0.00	0.18	0.00	0.00	0.00	0.04	0.09	0.24
22	0.00	0.00	0.00	0.54	0.00	0.00	0.03	0.00	0.08	0.00	0.00	0.26
23	0.00	0.39	0.78	0.06	0.00	0.00	0.00	0.00	0.14	0.46	0.00	0.01
24	0.00	0.10	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
25	0.22	0.04	0.00	0.06	0.00	0.00	0.17	0.00	0.71	0.00	0.00	0.76
26	0.00	0.01	0.00	0.00	0.03	1.20	0.00	0.00	0.03	0.00	0.01	0.39
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.01	0.27
28	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.04	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.01	0.00	0.00	0.00	0.00	0.00
30	0.00	0.40	0.00	0.00	---	2.64	0.33	0.00	0.14	0.69	0.00	0.01
31	0.00	---	0.00	0.00	---	0.28	---	0.00	---	0.01	0.00	---
TOTAL	1.41	0.94	---	6.39	1.80	7.32	1.68	4.42	3.15	4.01	0.55	6.94

APALACHICOLA RIVER BASIN
2002 Water Year

02335870 SOPE CREEK NEAR MARIETTA, GA
National Water-Quality Assessment station

PERIODIC WATER-QUALITY RECORDS

LOCATION.—Lat 33°57'14", long 84°26'36", referenced to North American Datum (NAD) of 1983, Cobb County, Hydrologic Unit 03130001, 0.3 miles downstream from Bishop Creek, 6.1 miles east of Marietta, and 2.6 miles upstream from mouth.

DRAINAGE AREA.—29.2mi^2, approximately.

PERIODIC WATER-QUALITY RECORDS

DATUM.—Datum is 881.37 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

PERIOD OF RECORD.—March 1993 to current year.

REMARKS.—None

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)
OCT													
11...	1315	--	80020	1.66	8.1	40	3.1	749	8.9	93	7.2	93	24.0
24...	1300	--	80020	1.67	8.4	30	--	741	8.8	91	6.9	96	--
NOV													
09...	1700	--	80020	1.65	7.8	40	--	749	8.9	88	7.4	96	--
28...	1200	1028	80020	1.72	10	40	3.8	749	9.0	89	6.8	99	18.5
DEC													
10...	1145	1028	80020	2.36	43	40	16	749	9.1	85	7.0	87	7.0
26...	1015	1028	80020	1.84	14	10	4.9	746	11.5	87	7.2	80	.0
JAN													
18...	1145	1028	80020	1.74	11	40	3.0	750	10.6	90	7.2	90	9.5
31...	1230	1028	80020	2.18	26	10	5.4	750	10.7	106	7.0	84	21.5
FEB													
15...	1045	1028	80020	1.98	16	10	4.0	751	13.5	113	7.1	99	12.0
26...	1300	1028	80020	1.94	14	10	2.2	745	--	--	7.3	92	7.5
MAR													
12...	1215	1028	80020	3.74	183	10	100	745	10.1	92	7.1	80	--
27...	1045	1028	80020	2.40	40	10	28	748	10.3	99	6.9	76	8.0
APR													
12...	1200	1028	80020	2.33	45	10	--	750	7.2	74	7.0	95	--
18...	1230	1028	80020	1.93	21	40	6.2	747	8.7	99	7.0	95	30.0
23...	1700	1028	80020	1.89	19	40	4.2	745	8.7	101	7.2	100	23.0
30...	1100	1028	80020	1.94	21	10	7.5	744	8.8	92	6.7	91	19.0
MAY													
07...	0945	1028	80020	2.45	41	10	10	747	9.2	98	6.9	95	22.0
15...	1645	1028	80020	2.06	18	40	5.2	748	8.7	99	7.2	98	--
30...	1145	1028	80020	1.83	9.0	40	5.5	741	8.1	91	7.0	98	--
JUN													
12...	1030	1028	80020	1.83	9.0	40	5.8	743	7.1	82	7.0	147	28.5
24...	1030	1028	80020	1.84	9.3	40	4.7	747	7.7	89	7.1	124	--
JUL													
09...	1115	1028	80020	1.82	8.7	40	10	747	7.0	84	7.0	233	--
23...	1600	1028	80020	1.79	7.8	40	9.4	744	7.8	100	7.2	160	--
AUG													
06...	1200	--	80020	1.73	5.9	40	4.3	742	7.4	93	7.0	162	30.0
21...	1530	1028	80020	1.63	2.9	40	4.6	745	7.1	93	7.1	115	--
SEP													
06...	1430	1028	80020	1.61	2.5	40	2.5	756	7.5	96	7.2	161	--

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT													
11...	16.4	--	--	--	--	--	--	--	--	27	33	6.47	--
24...	15.8	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	14.0	0	35	9.66	2.60	2.32	.4	5.94	25	34	42	6.60	<.1
28...	14.3	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
10...	11.5	--	--	--	--	--	--	--	--	28	34	5.37	--
26...	2.8	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	7.7	--	--	--	--	--	--	--	--	30	36	6.51	--
31...	14.1	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
15...	7.0	2	31	8.34	2.44	1.67	.4	5.12	25	29	35	6.68	E.1n
26...	11.4	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	10.3	--	--	--	--	--	--	--	--	21	26	6.00	--
27...	12.7	--	--	--	--	--	--	--	--	--	--	--	--
APR													
12...	16.0	--	--	--	--	--	--	--	--	--	--	--	--
18...	20.7	--	--	--	--	--	--	--	--	31	38	6.37	--
23...	21.3	--	--	--	--	--	--	--	--	--	--	--	--
30...	16.4	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
07...	17.4	--	--	--	--	--	--	--	--	--	--	--	--
15...	20.8	--	--	--	--	--	--	--	--	31	38	6.13	--
30...	19.8	2	30	8.17	2.24	2.09	.5	5.93	29	28	34	7.39	E.1n
JUN													
12...	20.9	--	--	--	--	--	--	--	--	35	43	18.0	--
24...	21.6	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	23.5	--	--	--	--	--	--	--	--	36	44	38.1	--
23...	26.9	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	25.6	--	--	--	--	--	--	--	--	35	43	23.3	--
21...	27.8	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	27.7	--	--	--	--	--	--	--	--	38	47	22.7	--

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)
OCT													
11...	--	4.2	--	--	--	<.04	--	.13	--	--	--	.51	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	15.8	3.8	1.43	68	68	E.02	--	.10	--	--	--	.18	--
28...	--	--	--	--	--	E.02	--	.19	--	--	--	.09	--
DEC													
10...	--	2.8	--	--	--	.06	--	.41	--	--	--	.36	--
26...	--	--	--	--	--	E.04	--	.16	--	--	--	.41	--
JAN													
18...	--	3.8	--	--	--	E.04	--	E.10	--	--	--	.50	--
31...	--	--	--	--	--	E.04	--	.15	--	--	--	.50	--
FEB													
15...	14.6	4.6	2.85	66	63	.06	--	.18	--	--	--	.53	--
26...	--	--	--	--	--	E.02	--	E.10	--	--	--	.47	--
MAR													
12...	8.20	4.8	--	--	--	.10	--	.80	--	--	--	.60	--
27...	--	--	--	--	--	.05	--	.38	--	.38	1.66	.39	.033
APR													
12...	--	--	--	--	--	--	--	.23	--	--	--	--	--
18...	--	4.2	--	--	--	<.04	--	.16	--	--	--	.38	--
23...	--	--	--	--	--	E.03	--	.16	--	--	--	.40	--
30...	--	--	--	--	--	.05	--	.24	--	--	--	.37	--
MAY													
07...	--	--	--	--	--	E.04	--	.19	--	--	--	.47	--
15...	--	4.2	--	--	--	E.02	--	.17	--	--	--	.47	--
30...	14.7	3.9	1.62	67	63	<.04	--	.14	--	--	--	.49	--
JUN													
12...	--	3.7	--	--	--	.05	--	.25	--	--	--	.42	--
24...	--	--	--	--	--	<.04	--	.19	--	--	--	.47	--
JUL													
09...	--	4.3	--	--	--	E.04	--	.32	--	--	--	.29	--
23...	--	--	--	--	--	<.04	--	.28	--	.51	2.25	.52	.043
AUG													
06...	--	4.1	--	--	--	E.03	--	.15	--	--	--	.29	--
21...	--	--	--	--	--	<.04	--	.26	--	--	--	.22	--
SEP													
06...	--	3.7	--	--	--	E.02	.12	.13	.33	--	--	.20	--

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN,PARTICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	CLOSTR-IDIUM PERFRIN MCP MF, WATER (COL/ 100 ML) (90915)	COLI-PHAGE, E. COLI F-AMP, 1-AGAR, (PLAQUE 100 ML) (90904)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)
OCT													
11...	<.008	--	.04	.64	<.02	.009	.3	--	1.4	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.008	--	.04	.28	<.02	.007	.3	--i	1.8	--i	--	--	--
28...	<.008	--	--	.28	<.02	.011	--	--	--	--	--	--	--
DEC													
10...	E.007	.35	.09	.77	E.01	.065	1.2	<.1	6.8	1.2	--	--	--
26...	<.008	--	--	.56	<.02	.011	--	--	--	--	--	--	--
JAN													
18...	E.005	--	.03	--	E.01	.007	.3	<.1	1.2	.3	--	--	--
31...	<.008	--	--	.65	<.02	.014	--	--	--	--	--	--	--
FEB													
15...	<.008	.12	<.02	.71	<.02	.008	.3	<.1	1.3	.3	--	--	--
26...	<.008	--	--	--	<.02	.006	--	--	--	--	--	--	--
MAR													
12...	E.006	.70	.38	1.4	<.02	.170	4.4	<.1	2.9	4.3	470	66	2000
27...	.010	.33	--	.77	<.02	.054	--	--	--	--	--	--	--
APR													
12...	--	--	--	--	--	.023	--	--	--	--	--	--	--
18...	<.008	--	<.02	.54	<.02	.014	.4	<.1	2.6	.4	--	--	--
23...	<.008	--	--	.55	<.02	.014	--	--	--	--	--	--	--
30...	E.004	.20	--	.61	<.02	.021	--	--	--	--	--	--	--
MAY													
07...	E.004	--	--	.66	<.02	.020	--	--	--	--	--	--	--
15...	E.004	--	<.02	.63	<.02	.014	.3	<.1	1.6	.3	--	--	--
30...	E.005	--	.09	.63	<.02	.016	.5	<.1	1.6	.4	--	--	--
JUN													
12...	E.004	.20	.03	.67	<.02	.018	.3	<.1	1.9	.3	--	--	--
24...	E.004	--	--	.65	<.02	.017	--	--	--	--	--	--	--
JUL													
09...	<.008	--	.05	.61	<.02	.030	.3	<.1	2.7	.3	--	--	--
23...	.013	--	--	.81	<.02	.030	--	--	--	--	--	--	--
AUG													
06...	E.004	--	.05	.44	<.02	.015	.3	<.1	1.8	.3	--	--	--
21...	<.008	--	--	.48	<.02	.029	--	--	--	--	--	--	--
SEP													
06...	E.004	--	<.02	.33	<.02	.011	<.1	<.1	1.8	<.1	--	--	--

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)
OCT													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	2	.06	E1	26	<.06	<.04	<.8	.31	1.2	106	E.07	122	E.2
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
15...	2	.06	<2	28	<.06	<.04	<.8	.52	.7	184	.12	170	<.2
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	--	--	--	--	--	--	--	--	--	70	--	--	--
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	2	.08	<2	26	<.06	<.04	<.8	.30	1.6	102	<.08	145	E.1
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)
OCT													
11...	--	--	--	--	--	--	--	<.009	E.01	<.02	--	<.002	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	.23	E1	<1	2	--	--	--	<.009	<.02	<.02	--	<.002	--
28...	--	--	--	--	--	--	--	<.009	.04	<.02	--	<.002	--
DEC													
10...	--	--	--	--	--	--	--	<.009	.06	<.02	--	<.002	--
26...	--	--	--	--	--	--	--	<.009	.05	<.02	--	<.002	--
JAN													
18...	--	--	--	--	--	--	--	<.009	E.01n	<.02	--	<.006	--
31...	--	--	--	--	--	--	--	<.009	.03	<.02	--	--	--
FEB													
15...	.23	<2	<1	5	--	--	--	<.009	.03	<.02	--	<.006	--
26...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
MAR													
12...	--	--	--	--	--	--	--	<.009	.46	<.02	--	<.006	--
27...	--	--	--	--	--	--	--	E.583	E2.82	<.02	--	<.006	--
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	<.006	--
18...	--	--	--	--	--	--	--	<.009	.09	<.02	--	<.006	--
23...	--	--	--	--	--	--	--	<.009	.04	<.02	--	<.006	--
30...	--	--	--	--	--	--	--	.023	.17	<.02	--	<.006	--
MAY													
07...	--	--	--	--	--	--	--	<.009	.04	<.02	--	<.006	--
15...	--	--	--	--	--	--	--	<.009	.05	<.02	--	<.006	--
30...	.35	<2	<1	3	<.05	<.09	<.01	<.009	.07	<.02	<.03	<.006	<.1
JUN													
12...	--	--	--	--	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1
24...	--	--	--	--	<.05	<.09	<.01	<.009	.05	<.02	<.03	<.006	<.1
JUL													
09...	--	--	--	--	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1
23...	--	--	--	--	E.01	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1
AUG													
06...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
21...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--
SEP													
06...	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006	--

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMINO- METHYL- PHOS- PHONIC ACID, WAT FLT (UG/L) (62649)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
OCT													
11...	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--	--
28...	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--	--
DEC													
10...	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--	--
26...	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--	--
JAN													
18...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
31...	--	--	<.006	--	--	<.007	--	<.02	<.008	<.04	--	--	--
FEB													
15...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
26...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
MAR													
12...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
27...	--	--	<.006	--	<.006	<.059	<.004	<.02	<.008	<.04	<.005	--	--
APR													
12...	--	--	--	--	<.006	--	<.004	--	--	--	<.005	--	--
18...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
23...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
30...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
MAY													
07...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
15...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--
30...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1	<.004
JUN													
12...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1	<.004
24...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1	<.004
JUL													
09...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1	<.004
23...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	<.004
AUG													
06...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1	--
21...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	.1	--
SEP													
06...	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--	--

Date	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)
OCT													
11...	--	--	--	.013	--	<.03	<.010	.016	<.02	<.01	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	--	--	<.009	--	<.03	<.010	<.004	<.02	<.01	--	--	--
28...	--	--	--	<.003	--	<.03	<.010	<.004	<.02	M	--	--	--
DEC													
10...	--	--	--	.020	--	<.03	<.010	<.004	<.02	E.01m	--	--	--
26...	--	--	--	.013	--	<.03	<.010	<.004	<.02	M	--	--	--
JAN													
18...	--	--	--	<.007	--	<.03	<.010	<.004	<.02	<.01	--	--	--
31...	--	--	--	--	--	<.03	--	.004	<.02	<.01	--	--	--
FEB													
15...	--	--	--	.046	--	<.03	<.010	<.004	<.02	<.01	--	--	--
26...	--	--	--	.025	--	<.03	<.010	<.004	<.02	<.01	--	--	--
MAR													
12...	--	--	--	.020	--	<.03	.020	<.004	<.02	<.01	--	--	--
27...	--	--	--	.053	--	<.03	E.009n	E.024	<.02	E.01	--	--	--
APR													
12...	--	--	--	.012	--	--	<.010	--	--	--	--	--	--
18...	--	--	--	.012	--	<.03	<.010	<.004	<.02	<.01	--	--	--
23...	--	--	--	.010	--	<.03	<.010	<.004	<.02	<.01	--	--	--
30...	--	--	--	.036	--	<.03	<.010	<.004	<.02	<.01	--	--	--
MAY													
07...	--	--	--	.025	--	<.03	<.010	.012	<.02	<.01	--	--	--
15...	--	--	--	.016	--	<.03	<.010	<.004	<.02	<.01	--	--	--
30...	.005	<.005	<.01	.015	<.02	<.03	<.010	.022	<.02	M	<.003	<.05	<.005
JUN													
12...	<.004	<.005	<.01	E.006	<.02	<.03	<.010	.011	<.02	<.01	<.003	<.05	<.005
24...	<.004	<.005	<.01	.018	<.02	<.03	<.010	.048	<.02	M	<.003	<.05	<.005
JUL													
09...	<.004	<.005	<.01	.014	<.02	<.03	<.010	.032	<.02	<.01	<.003	<.05	<.005
23...	<.004	<.005	<.01	E.007	<.02	<.03	<.010	E.069	<.02	<.01	<.003	<.05	<.005
AUG													
06...	--	--	--	.009	--	<.03	<.010	E.022	<.02	E.01	--	--	--
21...	--	--	--	.009	--	<.03	<.010	.032	<.02	<.01	--	--	--
SEP													
06...	--	--	--	E.006n	--	<.03	<.010	.015	<.02	<.01	--	--	--

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)
OCT													
11...	E.02	<.02	E.037	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.5	<.02	M	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
28...	E.02	<.02	<.010	M	<.006	<.02	<.010	--	--	--	<.01	--	--
DEC													
10...	<.03	<.02	.118	E.02n	<.006	<.02	<.010	--	--	--	<.01	--	--
26...	E.02	<.02	<.010	M	<.006	<.02	<.010	--	--	--	<.01	--	--
JAN													
18...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
31...	<.03	<.02	.019	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
FEB													
15...	E.01m	<.02	M	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
26...	E.02m	<.02	.015	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
MAR													
12...	<.03	<.02	.417	Mn	<.006	<.02	<.010	--	--	--	<.01	--	--
27...	E.40	<.02	E.116	E.03	<.006	<.02	<.010	--	--	--	<.01	--	--
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	E.04	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
23...	E.03	<.02	.017	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
30...	E.10	<.02	<.010	E.01	<.006	<.02	<.010	--	--	--	<.01	--	--
MAY													
07...	<.03	<.02	E.010	E.01	<.006	<.02	<.010	--	--	--	<.01	--	--
15...	E.02	<.02	<.010	M	<.006	<.02	<.010	--	--	--	<.01	--	--
30...	E.03	<.02	E.1	E.01	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009
JUN													
12...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009
24...	<.03	<.02	.121	E.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009
JUL													
09...	E.01	<.02	<.010	M	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009
23...	<.03	<.02	E1.05	E.01	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009
AUG													
06...	E.02	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
21...	E.02	<.02	<.010	E.01	<.006	<.02	<.010	--	--	--	<.01	--	--
SEP													
06...	E.02	<.02	.085	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--

Date	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)
OCT													
11...	<.01	<.003	<.03	E.01	E.01	.009	<.01	<.01	<.005	--	<.01	E.02	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.01	<.003	<.03	<.01	<.04	<.5	<.01	<.01	<.005	--	<.01	<.03	--
28...	<.01	<.003	<.03	<.01	E.04	E.005	<.01	<.01	<.005	--	<.01	E.01	--
DEC													
10...	<.01	<.003	<.006	E.11m	E.71m	.016	<.01	<.01	<.005	--	<.01	.06	--
26...	<.01	<.003	E.003	<.01	E.15	.005	.02	<.01	<.005	--	<.01	M	--
JAN													
18...	<.01	<.003	E.003	E.03m	E.12	E.003	<.01	<.01	<.005	--	<.01	<.03	--
31...	<.01	--	--	<.01	E.12m	--	<.01	<.01	--	--	<.01	<.03	--
FEB													
15...	<.01	<.003	E.004	Mm	E.05m	.006	.02	<.01	<.005	--	<.01	<.03	--
26...	<.01	<.003	E.003	<.01	E.03m	E.001n	<.01	<.01	<.005	--	<.01	<.03	--
MAR													
12...	<.01	<.003	<.006	<.01	E.05m	.018	<.01	<.01	<.005	--	<.01	<.03	--
27...	--u	<.003	E.003	<.01	E.10	.114	.16	.04	<.005	--	<.01	E.01	--
APR													
12...	--	<.003	E.002	--	--	.007	--	--	<.005	--	--	--	--
18...	<.01	<.003	E.004	<.01	E.02	.010	<.01	.04	<.005	--	<.01	<.03	--
23...	<.01	<.003	<.006	<.01	E.02	.006	<.01	<.01	<.005	--	<.01	E.01	--
30...	<.01	<.003	E.010	<.01	E.02	.075	<.01	<.01	<.005	--	<.01	<.03	--
MAY													
07...	<.01	<.003	E.005	<.01	E.02	.037	<.01	<.01	<.005	--	<.01	<.03	--
15...	<.01	<.003	E.004	<.01	E.01	.014	<.01	<.01	<.005	--	<.01	E.02	--
30...	<.01	<.003	E.006	<.01	<.04	.035	<.01	<.01	<.005	<.006	<.01	M	<.02
JUN													
12...	<.01	<.003	<.006	<.01	M	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02
24...	<.01	<.003	E.004	<.01	<.04	.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02
JUL													
09...	<.01	<.003	E.004	<.01	<.04	E.004	<.01	<.01	<.005	<.006	<.01	<.03	<.02
23...	<.01	<.003	<.006	<.01	<.04	E.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02
AUG													
06...	<.01	<.003	E.003	<.01	<.04	E.002n	<.01	<.01	<.005	--	<.01	M	--
21...	<.01	<.003	<.006	<.01	<.04	.016	<.01	<.01	<.005	--	<.01	E.01	--
SEP													
06...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
OCT													
11...	--	<.02	E.01	--	--	--	--	--	<.002	<.009	--	--	<.005
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	<.02	E.01	--	--	--	--	--	<.002	<.009	--	--	<.005
28...	--	<.02	E.01	--	--	--	--	--	<.002	<.009	--	--	<.005
DEC													
10...	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005
26...	--	<.02	.02	--	--	--	--	--	<.002	<.009	--	--	<.005
JAN													
18...	--	<.02	E.04	--	--	--	--	--	<.002	<.009	--	--	<.005
31...	--	--	.01	--	--	--	--	--	--	--	--	--	--
FEB													
15...	--	<.02	E.01n	--	--	--	--	--	<.002	<.009	--	--	<.005
26...	--	<.02	E.01n	--	--	--	--	--	<.002	<.009	--	--	<.005
MAR													
12...	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005
27...	--	<.02	E.52	--	--	--	--	--	<.002	<.009	--	--	<.005
APR													
12...	--	<.02	--	--	--	--	--	--	<.002	<.009	--	--	<.005
18...	--	<.02	E.02	--	--	--	--	--	<.002	<.009	--	--	<.005
23...	--	<.02	.04	--	--	--	--	--	<.002	<.009	--	--	<.005
30...	--	<.02	E.05	--	--	--	--	--	<.002	<.009	--	--	<.005
MAY													
07...	--	<.02	E.09	--	--	--	--	--	<.002	<.009	--	--	<.005
15...	--	<.02	.03	--	--	--	--	--	<.002	<.009	--	--	<.005
30...	<.002	<.02	.09	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005
JUN													
12...	<.002	<.02	.06	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005
24...	<.002	<.02	.04	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005
JUL													
09...	<.002	<.02	.02	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005
23...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005
AUG													
06...	--	<.02	.02	--	--	--	--	--	<.002	<.009	--	--	<.005
21...	--	<.02	.10	--	--	--	--	--	<.002	<.009	--	--	<.005
SEP													
06...	--	<.02	.02	--	--	--	--	--	<.002	<.009	--	--	<.005

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	GLUFO-SINATE, WATER, FLTRD, GF 0.7U REC (UG/L) (62721)	GLYPHO-SATE, WATER, FLTRD, GF 0.7U REC (UG/L) (62722)
OCT													
11...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
28...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
DEC													
10...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
26...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
JAN													
18...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
31...	--	--	--	--	--	<.03	--	<.01	<.03	--	--	--	--
FEB													
15...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
26...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
MAR													
12...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
27...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
APR													
12...	--	--	--	--	--	--	--	--	--	--	<.003	--	--
18...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
23...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
30...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
MAY													
07...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
15...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--
30...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.1	<.1
JUN													
12...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.1	<.1
24...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.1	<.1
JUL													
09...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.1	<.1
23...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	--	--
AUG													
06...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	<.1	<.1
21...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	<.1	<.1
SEP													
06...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	--

Date	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)
OCT													
11...	--	E.009	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
28...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
DEC													
10...	--	<.008	--	E.41m	<.02	<.007	--	--	--	<.013	<.01	<.035	--
26...	--	E.006	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
JAN													
18...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
31...	--	<.008	--	<.02	<.02	<.007	--	--	--	--	<.01	--	--
FEB													
15...	--	E.008m	--	E.01m	<.02	<.007	--	--	--	<.004	<.01	<.035	--
26...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
MAR													
12...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
27...	--	E.046	--	E.03	<.02	<.007	--	--	--	<.004	<.01	<.035	--
APR													
12...	--	--	--	--	--	--	--	--	--	<.004	--	<.035	--
18...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
23...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
30...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
MAY													
07...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
15...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
30...	<.013	<.008	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008
JUN													
12...	<.013	<.008	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008
24...	<.013	<.008	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008
JUL													
09...	<.013	<.008	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008
23...	<.013	<.008	<.1	<.02	--u	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008
AUG													
06...	--	E.012	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
21...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
SEP													
06...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--

Date	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
OCT													
11...	<.027	M	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.027	<.02	<.01	--	<.5	--	<.008	<.004	<.050	<.006	<.5	<.006	<.03
28...	<.027	.03	<.01	--	M	--	<.008	<.004	<.050	<.006	<.013	<.006	--
DEC													
10...	<.027	.10	<.01	--	E.02n	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
26...	<.027	.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
JAN													
18...	<.027	<.02	<.01	--	M	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
31...	--	.04	<.01	--	<.02	--	<.008	<.004	--	--	--	--	<.03
FEB													
15...	<.027	.06	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
26...	<.027	.03	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
MAR													
12...	<.027	.27	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.003n	<.006	<.03
27...	<.027	.68	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
APR													
12...	<.027	--	--	--	--	--	--	--	<.050	<.006	E.004n	<.006	--
18...	<.027	E.01	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
23...	<.027	.03	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
30...	<.027	.03	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
MAY													
07...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
15...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
30...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03
JUN													
12...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03
24...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03
JUL													
09...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03
23...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	E.02
AUG													
06...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
21...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
SEP													
06...	<.027	<.02	<.01	--	M	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)
OCT													
11...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
28...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
DEC													
10...	<.013	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
26...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
JAN													
18...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
31...	--	--	--	<.01	<.01	<.02	--	<.02	<.01	--	--	--	--
FEB													
15...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
26...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
MAR													
12...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
27...	<.002	--	<.007	<.01	<.01	<.0029	--	<.02	<.01	--	<.003	--	--
APR													
12...	<.002	--	<.007	--	--	--	--	--	--	--	<.003	--	--
18...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
23...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
30...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
MAY													
07...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
15...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
30...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03
JUN													
12...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03
24...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03
JUL													
09...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03
23...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03
AUG													
06...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
21...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
SEP													
06...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)
OCT													
11...	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	E.01	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.5	--
28...	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01	--
DEC													
10...	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01	--
26...	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01	--
JAN													
18...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--
31...	--	--	--	--	--	--	--	--	--	<.02	--	--	--
FEB													
15...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--
26...	<.010	<.004	E.010n	<.006	--	<.011	--	--	--	<.02	--	<.01	--
MAR													
12...	<.010	<.004	.074	<.006	--	<.011	--	--	--	<.02	--	<.01	--
27...	<.010	<.004	.061	<.006	--	<.011	--	--	--	<.02	--	<.01	--
APR													
12...	<.010	<.004	.033	<.006	--	<.011	--	--	--	--	--	<.01	--
18...	<.010	<.004	.023	<.006	--	<.011	--	--	--	<.02	--	E.01n	--
23...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	E.01n	--
30...	<.010	<.004	E.018n	<.006	--	<.011	--	--	--	<.02	--	.02	--
MAY													
07...	<.010	<.004	E.017n	<.006	--	<.011	--	--	--	<.02	--	E.01n	--
15...	<.010	<.004	E.010n	<.006	--	<.011	--	--	--	<.02	--	.02	--
30...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	E.01	<.005
JUN													
12...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005
24...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	E.01	<.005
JUL													
09...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	E.01	<.005
23...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	.02	<.005
AUG													
06...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	E.01n	--
21...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	.02	--
SEP													
06...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	E.01n	--

Date	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
OCT													
11...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.172	<.009	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.132	<.009	--	--
28...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.666	<.009	--	--
DEC													
10...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	8.70	<.009	--	--
26...	.016	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	1.34	<.009	--	--
JAN													
18...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.408	<.009	--	--
31...	--	--	--	--	--	<.010	<.02	<.008	<.02	--	<.009	--	--
FEB													
15...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.390	<.009	--	--
26...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.236	<.009	--	--
MAR													
12...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.401	<.009	--	--
27...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	1.12	<.009	--	--
APR													
12...	<.004	<.010	<.011	<.02	--	--	--	--	--	.103	--	--	--
18...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.092	<.009	--	--
23...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.081	<.009	--	--
30...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.107	<.009	--	--
MAY													
07...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.094	<.009	--	--
15...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.049	<.009	--	--
30...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	.043	<.009	<.003	<.02
JUN													
12...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	.028	<.009	<.003	<.02
24...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	.031	<.009	<.003	<.02
JUL													
09...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	.044	<.009	<.003	<.02
23...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	.023	<.009	<.003	<.02
AUG													
06...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.012	<.009	--	--
21...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.013	<.009	--	--
SEP													
06...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.011	<.009	--	--

02335870 SOPE CREEK NEAR MARIETTA, GA--continued

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)
OCT													
11...	--	.016	--	--	--	--	<.010	<.034	<.02	--	E.1	<.005	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	.014	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
28...	--	E.016	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
DEC													
10...	--	.03	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
26...	--	.03	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
JAN													
18...	--	E.04	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
31...	--	--	--	--	--	--	<.010	--	--	--	--	--	--
FEB													
15...	--	.02	--	--	--	--	<.010	<.034	<.02	--	--m	<.005	--
26...	--	.03	--	--	--	--	<.010	<.034	<.02	--	M	<.005	--
MAR													
12...	--	.04	--	--	--	--	<.010	<.034	<.02	--	--m	<.005	--
27...	--	.10	--	--	--	--	<.010	<.034	<.02	--	--m	<.005	--
APR													
12...	--	E.01n	--	--	--	--	--	<.034	<.02	--	--	<.005	--
18...	--	E.04	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
23...	--	E.05	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
30...	--	E.05	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
MAY													
07...	--	.03	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
15...	--	.03	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
30...	<.006	E.04	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03
JUN													
12...	<.006	.03	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03
24...	<.006	.04	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03
JUL													
09...	<.006	.03	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03
23...	<.006	.03	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03
AUG													
06...	--	.04	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
21...	--	.03	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
SEP													
06...	--	.05	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--

Date	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)
OCT													
11...	--	<.002	<.009	--	M	<.009	<.02	--	<.03	<.06	<.04	<.04	<.03
24...	--	--	--	--	--	--	--	--	<.03	<.06	<.04	<.04	<.05
NOV													
09...	--	<.002	<.009	--	<.02	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05
28...	--	<.002	--	--	<.02	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05
DEC													
10...	--	<.002	--u	--	<.02	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05
26...	--	<.002	--u	--	E.02	E.002	<.02	--	<.03	<.06	<.04	<.04	<.05
JAN													
18...	--	<.002	--u	--	<.02	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05
31...	--	--	--u	--	<.02	--	<.02	--	<.03	<.06	<.04	<.04	<.05
FEB													
15...	--	<.002	--u	--	E.02n	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05
26...	--	<.002	--u	--	<.02	<.009	<.02	--	--	--	--	--	--
MAR													
12...	--	<.002	--u	--	<.02	.036	<.02	--	<.03	<.06	<.04	<.04	<.05
27...	--	<.002	--u	--	.09	.010	<.02	--	<.03	<.06	<.04	<.04	<.05
APR													
12...	--	<.002	--	--	--	E.003n	--	--	--	--	--	--	--
18...	--	<.002	--u	--	<.02	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05
23...	--	<.002	--u	--	<.02	<.009	<.02	--	--	--	--	--	--
30...	--	<.002	--u	--	<.02	E.001n	<.02	--	--	--	--	--	--
MAY													
07...	--	<.002	<.009	--	E.02	<.009	<.02	--	--	--	--	--	--
15...	--	<.002	--u	--	<.02	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05
30...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05
JUN													
12...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05
24...	<.01	<.002	--u	<.004	.02	<.009	<.02	<.05	--	--	--	--	--
JUL													
09...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	--	--	--	--	--
23...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	--	--	--	--	--
AUG													
06...	--	<.002	--u	--	<.02	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05
21...	--	<.002	--u	--	.03	<.009	<.02	--	--	--	--	--	--
SEP													
06...	--	<.002	--u	--	<.02	<.009	<.02	--	<.03	<.06	<.04	<.04	<.05

Date	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
OCT													
11...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.2
24...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
NOV													
09...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
28...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
DEC													
10...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
26...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
JAN													
18...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
31...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
FEB													
15...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
27...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
30...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
JUN													
12...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	<.16	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1

Date	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)
OCT													
11...	<.06	<.04	<.03	<.05	<.03	<.2	<.04	<.03	<.03	<.06	<.04	<.04	<.1
24...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
NOV													
09...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
28...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	E.01	<.04	<.1
DEC													
10...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
26...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
JAN													
18...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
31...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
FEB													
15...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	E.01	<.04	<.1
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
27...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
30...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
JUN													
12...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	<.06	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1

Date	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)
OCT													
11...	<.06	<.07	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.27
24...	<.06	<.07	<.06	<.03	<.2	<.1	E.02	<.04	<.09	<.5	<.05	<.05	<.18
NOV													
09...	<.06	<.07	<.06	<.03	<.2	<.1	E.03	<.04	<.09	<.5	<.05	<.05	<.18
28...	<.06	<.07	<.06	<.03	<.2	<.1	E.02	<.04	<.09	<.5	<.05	<.05	<.18
DEC													
10...	<.06	<.07	<.06	<.03	<.2	<.1	E.03	<.04	<.09	<.5	<.05	<.05	<.18
26...	<.06	<.07	<.06	<.03	<.2	<.1	E.01	<.04	<.09	<.5	<.05	<.05	<.18
JAN													
18...	<.06	<.07	<.06	<.03	<.2	<.1	E.02	<.04	<.09	<.5	<.05	<.05	<.18
31...	<.06	<.07	<.06	<.03	<.2	<.1	E.02	<.04	<.09	<.5	<.05	<.05	<.18
FEB													
15...	<.06	<.07	<.06	<.03	<.2	<.1	E.02	<.04	<.09	<.5	<.05	<.05	<.18
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.06	<.07	<.06	<.03	<.2	<.1	E.02bn	<.04	<.09	<.5	<.05	<.05	<.18
27...	<.06	<.07	<.06	<.03	<.2	<.1	E.01	<.04	<.09	<.5	<.05	<.05	<.18
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.06	<.07	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.06	<.07	<.06	<.03	<.2	<.1	E.02	<.04	<.09	<.5	<.05	<.05	<.18
30...	<.06	<.07	<.06	<.03	<.2	<.1	E.01	<.04	<.09	<.5	<.05	<.05	<.18
JUN													
12...	<.06	<.07	<.06	<.03	<.2	<.1	.62	<.04	<.09	<.5	<.05	E.02	<.18
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.06	<.07	<.06	<.03	<.2	<.1	E.03	<.04	<.09	<.5	<.05	<.05	<.18
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	<.06	<.07	<.06	<.03	<.2	<.1	E.02	<.04	<.09	<.5	<.05	<.05	<.18

Date	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)
OCT													
11...	<.10	<.03	<.09	<.2	<.2	<.05	<.11	<.03	<.06	<2	<.1	<.2	<.2
24...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
NOV													
09...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
28...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
DEC													
10...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
26...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
JAN													
18...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
31...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
FEB													
15...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	Mbtn	<.2
27...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	M	<.1	<.2	<.2
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
30...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
JUN													
12...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	<.10	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2

Date	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)
OCT													
11...	<.3	<.6	<.04	<1.4	<.12	<.2	<.3	<.2	<.2	<1.6	<.4	<.06	<.5
24...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	E.01	<.5
NOV													
09...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
28...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
DEC													
10...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
26...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
JAN													
18...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
31...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
FEB													
15...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	E.01	<.5
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
27...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
30...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
JUN													
12...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	M	<5.0	<.4	<.06	<.5
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	<.3	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5

Date	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
OCT													
11...	<.03	<.04	<.07	<.2	<.1	<.07	<.04	<.10	<.06	<.06	<.05	<.09	<.04
24...	<.03	<.07	<.07	<.2	<.1	<.07	E.01	E.01	<.06	<.05	E.04	<.09	<.04
NOV													
09...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	E.01	<.06	<.05	E.03	<.09	<.04
28...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.06	<.09	<.04
DEC													
10...	<.03	<.07	E.03	<.2	<.1	<.07	<.04	<.03	<.06	<.05	.13	<.09	<.04
26...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.02	<.09	<.04
JAN													
18...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.04	<.09	<.04
31...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04
FEB													
15...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.05	<.09	<.04
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.05bn	<.09	<.04
27...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04
APR													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.02	<.09	<.04
30...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04
JUN													
12...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.02	<.09	<.04
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
06...	<.03	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.01	<.09	<.04

Date	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
OCT									
11...	<.09	<.1	--	--	91	3.0	.07	15.00	3070
24...	<.09	<.1	--	--	--	--	--	15.00	3080
NOV									
09...	<.09	<.1	<1.00	<.02	90	6.0	.13	15.00	3070
28...	<.09	<.1	--	--	94	6.0	.16	15.00	3070
DEC									
10...	<.09	<.1	--	--	43	43	5.0	15.00	3070
26...	<.09	<.1	--	--	87	4.0	.15	15.00	3045
JAN									
18...	<.09	<.1	--	--	64	7.0	.21	15.00	3070
31...	<.09	<.1	--	--	95	7.0	.49	15.00	3045
FEB									
15...	<.09	<.1	<1.00	E.01	86	4.0	.17	15.00	3045
26...	--	--	--	--	93	5.0	.19	15.00	3045
MAR									
12...	<.09	<.1	--	--	75	202	99.8	15.00	3045
27...	<.09	<.1	--	--	95	19	2.1	15.00	3045
APR									
12...	--	--	--	--	72	13	1.6	15.00	3045
18...	<.09	<.1	--	--	96	8.0	.45	15.00	3070
23...	--	--	--	--	93	6.0	.31	15.00	3070
30...	--	--	--	--	93	8.0	.45	15.00	3045
MAY									
07...	--	--	--	--	91	8.0	.89	15.00	3045
15...	<.09	<.1	--	--	90	6.0	.29	15.00	3070
30...	<.09	<.1	<.01	<.02	97	8.0	.19	15.00	3070
JUN									
12...	<.09	<.1	<.01	--	95	8.0	.19	15.00	3070
24...	--	--	<.01	--	92	4.0	.10	15.00	3070
JUL									
09...	--	--	<.01	--	95	14	.33	15.00	3070
23...	--	--	<.01	--	94	10	.21	15.00	3070
AUG									
06...	<.09	<.1	--	--	94	6.0	.10	15.00	3070
21...	--	--	--	--	94	6.0	.05	15.00	3070
SEP									
06...	<.09	<.1	--	--	78	5.0	.03	15.00	3070

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
   M -- Presence verified, not quantified
Value qualifier codes used in this report:
   b -- Value was extrapolated below
   m -- Highly var comp using method, ? prec
   n -- Below the NDV
   t -- Below the long-term MDL
Null value qualifier codes used in this report:
   i -- Required sample type not received
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

0233588710 ROTTENWOOD CREEK AT POLYTECH NEAR MARIETTA, GA

LOCATION.—Lat33°56'04", long 84°31'22" referenced to North American Datum (NAD) of 1983,Cobb County, Hydrologic Unit 0313001, located 500 feet downstream from bridge to Polytech Campus, and 1.8 miles SE of Marietta, Georgia.

DRAINAGE AREA.—Undetermined.

REMARKS.—Datum of gage is 990 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
NOV													
08...	1200	1028	80020	1.3	40	2.3	748	8.0	78	6.8	109	21.5	13.3
FEB													
14...	1030	1028	80020	1.1	40	2.9	750	11.4	98	6.8	123	11.0	7.9
MAY													
28...	1145	1028	80020	1.4	40	--	--	8.7	--	6.9	126	--	21.3

Date	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
NOV													
08...	10	34	9.66	2.50	2.46	.4	5.74	25	25	30	8.98	.2	12.4
FEB													
14...	10	39	10.7	2.88	2.37	.4	5.76	23	29	34	--	.1	--
MAY													
28...	12	38	11.1	2.56	2.32	.5	6.51	26	26	32	9.18	.3	11.0

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)
NOV													
08...	8.9	.26	72	69	<.04	.15	.74	<.008	.04	.89	<.02	.006	.3
FEB													
14...	13.1	--	76	--	<.04	E.10	.87	<.008	.03	--	<.02	.007	.4
MAY													
28...	11.6	.34	88	74	<.04	.18	.85	<.008	.06	1.0	<.02	.015	.3

Date	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)
NOV													
08...	--i	1.7	--i	1	.08	E1	33	<.06	E.02	<.8	.19	1.3	102
FEB													
14...	<.1	2.1	.4	2	.09	E2	35	<.06	.05	<.8	.40	--	134
MAY													
28...	<.1	1.5	.3	3	.14	<2	31	<.06	E.04	<.8	.21	2.6	60

Date	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)
NOV													
08...	.09	22.6	3.7	.66	<2	<1	15	<.009	<.02	<.02	<.002	<.006	<.004
FEB													
14...	<.08	69.2	3.8	.67	3	<1	24	<.009	E.01n	<.02	<.006	<.006	<.006
MAY													
28...	E.07	32.5	4.0	.49	<2	<1	12	<.009	.02	<.02	<.006	<.006	<.006

Date	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
NOV													
08...	<.007	<.002	<.02	<.008	<.04	<.005	<.009	<.03	<.010	<.004	<.02	<.01	E.5
FEB													
14...	<.007	<.004	<.02	<.008	<.04	<.005	.012	<.03	<.010	.025	<.02	<.01	E.16m
MAY													
28...	<.007	<.004	<.02	<.008	<.04	<.005	.010	<.03	<.010	<.004	<.02	<.01	E.14

Date	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)
NOV													
08...	<.02	M	<.03	<.006	<.02	<.010	<.01	<.01	<.003	<.03	<.01	<.04	<.5
FEB													
14...	<.02	M	<.03	<.006	<.02	<.010	<.01	<.01	<.003	E.004	Mm	E.01m	E.003n
MAY													
28...	<.02	E.1	<.03	<.006	<.02	<.010	<.01	<.01	<.003	E.005	<.01	<.04	.007

Date	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)
NOV													
08...	<.01	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01	<.03
FEB													
14...	E.01n	<.01	<.005	<.01	<.03	<.02	.03	<.002	<.009	<.005	<.03	<.01	<.03
MAY													
28...	<.01	<.01	<.005	<.01	E.01	<.02	.06	<.002	<.009	<.005	<.03	<.01	<.03

Date	FONOFOS WATER DISS REC (UG/L) (04095)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
NOV													
08...	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.5	<.008
FEB													
14...	<.003	<.008	E.04m	<.02	<.007	<.004	<.01	<.035	<.027	E.01n	<.01	<.02	<.008
MAY													
28...	<.003	<.008	E.05	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008

Date	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
NOV													
08...	<.004	<.050	<.006	<.5	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01
FEB													
14...	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01
MAY													
28...	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01

Date	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
NOV													
08...	<.003	<.007	<.002	<.010	<.006	<.011	<.02	<.5	<.004	<.010	<.011	<.02	<.010
FEB													
14...	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.009	<.010	<.011	<.02	<.010
MAY													
28...	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.02	<.004	<.010	<.011	<.02	<.010

Date	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
NOV													
08...	<.02	<.008	<.02	.020	<.009	.130	<.010	<.034	<.02	--	<.005	<.002	<.009
FEB													
14...	<.02	<.008	<.02	.062	<.009	.27	<.010	<.034	<.02	--m	<.005	<.002	--u
MAY													
28...	<.02	<.008	<.02	.051	<.009	.21	<.010	<.034	<.02	--	<.005	<.002	--u

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)
NOV													
08...	<.02	<.009	<.02	E.01	<.06	E.03	E.04	<.05	<.16	<.04	<.1	E.02	E.02
FEB													
14...	<.02	<.009	E.01n	<.03	<.06	<.04	E.08	<.05	<.16	<.04	<.1	<.03	<.03
MAY													
28...	<.02	<.009	<.02	<.03	<.06	<.04	E.03	<.05	<.16	<.04	<.1	<.03	E.02

Date	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)
NOV													
08...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06
FEB													
14...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06
MAY													
28...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06

Date	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)
NOV													
08...	<.2	<.04	<.03	<.03	<.05	E.02	<.04	<.1	<.06	<.07	<.06	<.03	<.2
FEB													
14...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2
MAY													
28...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2

Date	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)
NOV													
08...	<.1	.13	1.32	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2
FEB													
14...	<.1	.11	1.14	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2
MAY													
28...	<.1	E.07	1.05	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2

Date	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)
NOV													
08...	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25
FEB													
14...	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25
MAY													
28...	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25

Date	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)
NOV													
08...	.5	<.3	<.2	<.2	<5.0	<.4	E.02	<.5	<.03	<.07	E.01	<.2	<.1
FEB													
14...	1.0	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	E.01	<.2	<.1
MAY													
28...	.6	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1

Date	PROPENE 3-CHLORO- WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV													
08...	<.07	E.01	.41	<.06	<.05	E.06	<.09	5.45	<.09	<.1	<1.00	E.01	83
FEB													
14...	<.07	E.01	.53	<.06	<.05	E.05	<.09	6.98	<.09	<.1	<1.00	.03	83
MAY													
28...	<.07	<.04	.20	<.06	<.05	E.03	<.09	3.77	<.09	<.1	<1.00	E.02	88

Date	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
NOV				
08...	1.0	.0	10.00	8010
FEB				
14...	1.0	.0	10.00	3070
MAY				
28...	3.0	.01	10.00	3070

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
   M -- Presence verified, not quantified

Value qualifier codes used in this report:
   m -- Highly var comp using method, ? prec
   n -- Below the NDV

Null value qualifier codes used in this report:
   i -- Required sample type not received
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

0233588810 ROTTENWOOD CR AT LIFE UNIVERSITY AT MARIETTA, GEORGIA

LOCATION.—Lat.33°55'47", long 84°30'42", referenced to North American Datum (NAD) of 1983,Cobb County, Hydrologic Unit 0313001, located downstream of a bridge that goes to Life University's athletic fields, 2.2 miles SE of Marietta, GA.

DRAINAGE AREA.—Undetermined.

REMARKS.—Datum of gage is 950 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)
NOV													
08...	1530	1028	80020	.77	40	3.4	749	9.1	91	6.9	105	22.5	14.4
FEB													
14...	1330	1028	80020	1.6	40	3.3	751	12.2	111	7.1	113	--	10.4
MAY													
29...	1115	1028	80020	E2.0	40	5.7	741	8.4	97	7.1	118	--	21.1

Date	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
NOV													
08...	8	38	10.8	2.66	2.73	.4	6.19	25	30	37	6.78	.2	12.8
FEB													
14...	8	35	9.65	2.61	2.07	.4	5.37	24	27	33	6.90	.1	12.5
MAY													
29...	8	37	10.5	2.54	2.29	.5	6.37	26	28	35	8.45	.2	11.3

Date	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN,PARTICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITROGEN, TOTAL (MG/L AS N) (00600)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)
NOV													
08...	8.2	.16	76	71	<.04	.11	.41	<.008	.03	.53	<.02	.007	.4
FEB													
14...	10.7	.32	74	70	E.02	E.09	.77	<.008	<.02	--	<.02	.005	.5
MAY													
29...	10.1	--	76	72	<.04	.13	.70	<.008	.04	.83	<.02	.012	.3

Date	CARBON, INORGANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)
NOV													
08...	--i	1.8	--i	1	.08	E1	35	<.06	<.04	<.8	.22	.8	102
FEB													
14...	<.1	1.2	.5	2	.07	<2	32	<.06	.04	<.8	.52	.9	305
MAY													
29...	<.1	1.3	.3	4	.24	<2	31	<.06	E.03	<.8	.29	2.7	123

0233588810 ROTTENWOOD CR AT LIFE UNIVERSITY AT MARIETTA, GEORGIA--continued

Date	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)
NOV													
08...	<.08	35.6	2.9	.60	<2	<1	6	<.009	<.02	<.02	<.002	<.006	<.004
FEB													
14...	<.08	92.9	3.3	.49	2	<1	13	<.009	<.02	<.02	<.006	<.006	<.006
MAY													
29...	.24	46.3	3.8	.70	<2	<1	7	<.009	E.01	<.02	<.006	<.006	<.006

Date	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
NOV													
08...	<.007	<.002	<.02	<.008	<.04	<.005	<.009	<.03	<.010	<.004	<.02	<.01	.7
FEB													
14...	<.007	<.004	<.02	<.008	<.04	<.005	.015	<.03	<.010	<.004	<.02	M	E.27
MAY													
29...	<.007	<.004	<.02	<.008	<.04	<.005	.012	<.03	<.010	<.004	<.02	M	E.20

Date	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)
NOV													
08...	<.02	M	<.03	<.006	<.02	<.010	<.01	<.01	<.003	<.03	<.01	<.04	<.5
FEB													
14...	<.02	M	<.03	<.006	<.02	<.010	<.01	<.01	<.003	E.008	<.01	E.01	.006
MAY													
29...	<.02	E.1	<.03	<.006	<.02	<.010	<.01	<.01	<.003	E.008	<.01	<.04	<.005

Date	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)
NOV													
08...	<.01	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01	<.03
FEB													
14...	<.01	<.01	<.005	<.01	<.03	<.02	.02	<.002	<.009	<.005	<.03	<.01	<.03
MAY													
29...	<.01	<.01	<.005	<.01	E.01	<.02	.13	<.002	<.009	<.005	<.03	<.01	<.03

Date	FONOFOS WATER DISS REC (UG/L) (04095)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
NOV													
08...	<.003	<.008	<.02	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.5	<.008
FEB													
14...	<.003	E.003	E.03	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008
MAY													
29...	<.003	<.008	E.11	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008

0233588810 ROTTENWOOD CR AT LIFE UNIVERSITY AT MARIETTA, GEORGIA--continued

Date	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
NOV													
08...	<.004	<.050	<.006	<.5	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01
FEB													
14...	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01
MAY													
29...	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01

Date	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
NOV													
08...	<.003	<.007	<.002	<.010	<.006	<.011	<.02	<.5	<.004	<.010	<.011	<.02	<.010
FEB													
14...	<.003	<.010	<.004	<.022	<.006	<.011	<.02	<.01	<.008	<.010	<.011	<.02	<.010
MAY													
29...	<.003	<.010	<.004	<.022	<.006	<.011	<.02	.02	<.004	<.010	<.011	<.02	<.010

Date	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
NOV													
08...	<.02	<.008	<.02	.013	<.009	.125	<.010	<.034	<.02	--	<.005	<.002	<.009
FEB													
14...	<.02	<.008	<.02	.059	<.009	.19	<.010	<.034	<.02	--	<.005	<.002	--u
MAY													
29...	<.02	<.008	<.02	.038	<.009	.17	<.010	<.034	<.02	--	<.005	<.002	--u

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)
NOV													
08...	<.02	<.009	<.02	.13	<.06	E.03	E.02	<.05	<.16	<.04	<.1	<.03	<.03
FEB													
14...	<.02	<.009	Mn	E.10	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03
MAY													
29...	<.02	<.009	<.02	E.08	<.06	<.04	E.02	<.05	<.16	<.04	<.1	<.03	<.03

Date	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)
NOV													
08...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06
FEB													
14...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06
MAY													
29...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06

0233588810 ROTTENWOOD CR AT LIFE UNIVERSITY AT MARIETTA, GEORGIA--continued

Date	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO- WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL- WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)
NOV													
08...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2
FEB													
14...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2
MAY													
29...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2

Date	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)
NOV													
08...	<.1	E.08	.12	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2
FEB													
14...	<.1	E.05	.10	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2
MAY													
29...	<.1	E.04	.11	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2

Date	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)
NOV													
08...	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25
FEB													
14...	<.05	<.08	E.02	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25
MAY													
29...	<.05	<.08	E.04	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25

Date	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)
NOV													
08...	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	E.06	<.2	<.1
FEB													
14...	.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1
MAY													
29...	E.1	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1

Date	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV													
08...	<.07	<.04	E.04	<.06	<.05	E.04	<.09	.63	<.09	<.1	<1.00	E.01	71
FEB													
14...	<.07	.16	E.03	<.06	<.05	E.03	<.09	.67	<.09	<.1	<1.00	.02	82
MAY													
29...	<.07	<.04	E.04	<.06	<.05	E.04	<.09	.38	<.09	<.1	<1.00	E.02	89

0233588810 ROTTENWOOD CR AT LIFE UNIVERSITY AT MARIETTA, GEORGIA--continued

Date	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
NOV				
08...	9.0	.02	10.00	3070
FEB				
14...	1.0	.0	10.00	3070
MAY				
29...	5.0	--	10.00	3070

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
   M -- Presence verified, not quantified
Value qualifier codes used in this report:
   n -- Below the NDV
Null value qualifier codes used in this report:
   i -- Required sample type not received
   u -- Unable to determine-matrix interference

02335910 ROTTENWOOD CREEK (INTERSTATE PARKWAY) NR SMYRNA, GA

LOCATION.—Lat 33°53'37", long 84°27'28", referenced to North American Datum (NAD) of 1927, Cobb County, Hydrologic Unit 03130001, and 1.1 mi upstream from mouth.

DRAINAGE AREA.—18.6 mi^2.

PERIOD OF RECORD.—June 1993, August 1993, March 1994, May 1994, July 1995, June 1999 to April 2000, February 2002 to current year.

REMARKS.—Datum of gage is 820 ft above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)
FEB													
15...	1330	1028	80020	12	40	3.1	751	12.8	117	7.5	105	15.0	10.6
MAY													
29...	1500	1028	80020	10	40	2.5	745	8.2	97	7.5	110	--	22.4

Date	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
FEB													
15...	3	32	8.71	2.39	1.98	.4	5.74	27	29	35	5.94	E.1n	14.9
MAY													
29...	0	35	10.2	2.28	2.45	.4	5.90	25	35	42	5.36	.1	17.2

Date	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, PARTICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITROGEN, TOTAL (MG/L AS N) (00600)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)
FEB													
15...	6.9	2.18	68	67	<.04	.10	.58	<.008	.04	.68	<.02	.011	.3
MAY													
29...	6.9	2.27	80	74	<.04	.15	.51	E.004	.03	.66	<.02	.014	.4

Date	CARBON, INORGANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTICULATE TOTAL (MG/L AS C) (00689)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)
FEB													
15...	<.1	1.3	.3	8	.11	<2	29	<.06	<.04	<.8	.37	.8	181
MAY													
29...	<.1	1.4	.4	6	.31	<2	23	<.06	<.04	<.8	.16	1.7	119

02335910 ROTTENWOOD CREEK (INTERSTATE PARKWAY) NR SMYRNA, GA—continued

Date	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)
FEB													
15...	<.08	69.1	.6	.60	<2	<1	7	<.009	<.02	<.02	<.006	<.006	<.006
MAY													
29...	E.05	32.8	1.1	.38	<2	<1	4	<.009	E.02	<.02	<.006	<.006	<.006

Date	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
FEB													
15...	<.007	<.004	<.02	<.008	<.04	<.005	.015	<.03	<.010	<.004	<.02	<.01	E.11
MAY													
29...	<.007	<.004	<.02	<.008	<.04	<.005	.012	<.03	<.010	.016	<.02	<.01	E.14

Date	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)
FEB													
15...	<.02	E.1	<.03	<.006	<.02	<.010	<.01	<.01	<.003	E.005	<.01	E.01	E.004n
MAY													
29...	<.02	E.1	<.03	<.006	<.02	<.010	<.01	<.01	<.003	E.006	<.01	<.04	<.005

Date	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)
FEB													
15...	<.01	<.01	<.005	<.01	<.03	<.02	.03	<.002	<.009	<.005	<.03	<.01	<.03
MAY													
29...	<.01	<.01	<.005	<.01	M	<.02	.27	<.002	<.009	<.005	<.03	<.01	<.03

Date	FONOFOS WATER DISS REC (UG/L) (04095)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
FEB													
15...	<.003	<.008	E.01	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008
MAY													
29...	<.003	<.008	E.01	<.02	<.007	<.004	<.01	<.035	<.027	<.02	<.01	<.02	<.008

02335910 ROTTENWOOD CREEK (INTERSTATE PARKWAY) NR SMYRNA, GA—continued

Date	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
FEB													
15...	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01
MAY													
29...	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.007	<.01	<.01	<.02	<.02	<.01

Date	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
FEB													
15...	<.003	<.010	<.004	<.022	<.006	<.011	<.02	E.01n	<.004	<.010	<.011	<.02	<.010
MAY													
29...	<.003	<.010	.055	<.022	<.006	<.011	<.02	E.01n	<.004	<.010	<.011	<.02	<.010

Date	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
FEB													
15...	<.02	<.008	<.02	.170	<.009	.08	<.010	<.034	<.02	--	<.005	<.002	--u
MAY													
29...	<.02	<.008	.20	.022	<.009	.09	<.010	<.034	<.02	--	<.005	<.002	--u

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)
FEB													
15...	<.02	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03
MAY													
29...	<.02	<.009	<.02	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03

Date	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)
FEB													
15...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06
MAY													
29...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06

02335910 ROTTENWOOD CREEK (INTERSTATE PARKWAY) NR SMYRNA, GA—continued

Date	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)
FEB													
15...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2
MAY													
29...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2

Date	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)
FEB													
15...	<.1	E.03	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2
MAY													
29...	<.1	E.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2

Date	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)
FEB													
15...	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25
MAY													
29...	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25

Date	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)
FEB													
15...	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1
MAY													
29...	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1

Date	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
FEB													
15...	<.07	<.04	<.03	<.06	<.05	E.02	<.09	<.04	<.09	<.1	<1.00	.02	80
MAY													
29...	<.07	<.04	<.03	<.06	<.05	<.05	<.09	<.04	<.09	<.1	<1.00	.04	88

02335910 ROTTENWOOD CREEK (INTERSTATE PARKWAY) NR SMYRNA, GA—continued

Date	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
FEB				
15...	2.0	.06	10.00	3070
MAY				
29...	3.0	.09	10.00	3070

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

APALACHICOLA RIVER BASIN
2002 Water Year

02335990 CHATTAHOOCHEE RIVER AT US 41, AT ATLANTA, GA

LOCATION.—Lat 33°52'05", Long 84°27'14" referenced to North American Datum (NAD) of 1983, Fulton-Cobb County line, Hydrologic Unit 03130001, on downstream side of US 41 bridge, 0.8 miles upstream of Chattahoochee River at Atlanta station 02336000, 0.2 miles downstream of Rottenwood Creek, 3.3 miles upstream from Peachtree Creek, and at mile 303.8.

DRAINAGE AREA.—1,440 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER–STAGE RECORDS

PERIOD OF RECORD.—October 1967 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage 750.10 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Station is auxiliary gage for streamflow station 02336000 Chattahoochee River at Atlanta. Flow regulated by Lake Sidney Lanier since January 1956. Considerable diurnal fluctuation is caused by the operation of the Morgan Falls hydroelectric plant that is 8.7 miles above station.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 14.38 feet, May 4; minimum gage-height recorded, 3.81 feet, May 21.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 13, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02335990 CHATTAHOOCHEE RIVER AT US 41, AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335205 LONGITUDE 0842714 NAD27 DRAINAGE AREA 1440.00* CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
Date Processed: 2003-03-11 11:05 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.16	4.16	4.09	4.04	---	---	---	4.10	3.99	4.16	4.22	4.27
2	4.23	4.16	4.08	4.02	---	---	---	4.52	3.99	4.28	4.22	4.38
3	4.21	4.07	4.05	4.03	---	6.15	---	4.55	3.98	5.12	4.49	4.50
4	4.17	3.97	4.06	4.02	---	4.51	4.04	10.55	4.13	4.72	4.23	4.88
5	4.14	3.98	4.06	4.01	---	4.39	4.04	6.93	4.47	4.18	4.20	5.20
6	---	3.96	4.08	4.38	---	---	3.99	4.95	4.44	4.14	4.22	5.14
7	4.28	3.95	4.06	4.36	5.89	---	3.97	4.14	4.57	4.09	4.20	5.17
8	4.25	4.06	4.06	4.08	---	---	3.97	4.07	4.10	4.13	4.19	4.32
9	4.30	4.10	4.04	4.05	---	---	3.98	4.18	4.05	4.11	4.19	4.32
10	4.28	3.99	4.23	4.06	---	---	3.97	4.22	4.05	4.10	4.20	5.08
11	4.42	3.98	4.67	4.08	---	---	3.95	4.01	4.05	4.18	4.19	5.21
12	4.27	4.00	4.36	4.06	---	---	4.25	---	4.06	4.45	4.19	5.70
13	4.26	3.99	4.35	4.07	---	4.69	4.80	---	4.05	4.36	4.19	5.63
14	4.42	4.00	4.52	4.08	---	---	4.14	4.01	4.37	4.48	4.20	5.96
15	4.26	4.01	4.35	4.08	---	---	3.98	4.07	4.16	4.27	4.20	5.01
16	4.22	4.03	4.11	4.13	---	---	3.95	3.96	4.12	4.21	4.21	4.71
17	4.20	4.04	4.48	4.10	---	---	3.94	4.09	4.12	4.20	4.55	4.63
18	4.20	4.03	5.23	4.07	---	---	3.92	4.72	4.09	4.18	4.37	6.92
19	4.18	4.03	4.44	6.56	---	---	3.92	4.31	4.08	4.18	4.30	5.12
20	4.21	4.02	4.88	7.97	---	---	3.88	4.09	4.07	4.16	4.76	4.67
21	4.21	4.03	4.82	6.39	---	---	3.96	3.99	4.08	4.21	4.24	6.81
22	4.21	4.00	4.33	5.33	---	4.45	3.94	4.02	4.10	4.19	4.41	6.14
23	4.20	4.09	4.37	5.78	---	4.25	4.14	4.01	4.18	4.44	4.67	4.83
24	4.15	4.23	4.74	5.36	---	4.25	3.97	4.01	4.26	4.56	4.66	4.64
25	4.25	4.46	4.30	8.25	---	4.12	4.02	3.96	4.33	4.91	4.34	4.88
26	4.19	4.08	4.35	6.07	---	4.50	3.99	3.97	4.18	4.22	4.31	4.98
27	4.17	4.05	4.12	4.52	---	4.83	3.99	3.99	4.22	4.26	4.69	5.21
28	4.14	4.26	4.09	4.35	---	4.01	4.00	3.99	4.29	4.20	4.87	4.86
29	4.15	4.08	4.06	---	---	3.99	4.09	3.98	4.15	4.19	4.71	4.68
30	4.14	4.23	4.05	---	---	6.47	4.06	3.99	4.11	4.24	4.80	4.62
31	4.14	---	4.05	---	---	9.38	---	4.00	---	4.28	4.83	---
MEAN	---	4.07	4.31	---	---	---	---	---	4.16	4.30	4.39	5.08
MAX	---	4.46	5.23	---	---	---	---	---	4.57	5.12	4.87	6.92
MIN	---	3.95	4.04	---	---	---	---	---	3.98	4.09	4.19	4.27

STATION NUMBER 02335990 CHATTAHOOCHEE RIVER AT US 41, AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335205 LONGITUDE 0842714 NAD27 DRAINAGE AREA 1440.00* CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
Date Processed: 2003-03-11 11:15 By bemccall
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.05	0.00	0.04	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.02	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.29	0.00	0.59	0.00	0.60	0.00	0.00
4	0.00	0.00	0.00	0.08	0.00	0.00	0.00	2.45	0.56	0.01	0.00	0.00
5	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00
6	0.24	0.00	0.00	0.58	1.50	0.00	0.00	0.00	0.35	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.05	0.08	0.02	0.00	0.00	0.00	0.00
10	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
11	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
12	0.00	0.00	0.00	0.05	0.00	0.59	0.47	0.00	0.00	0.00	0.00	0.00
13	0.02	0.00	0.36	0.01	0.00	0.08	0.10	0.35	0.00	0.30	0.00	0.58
14	0.44	0.00	0.25	0.00	0.00	0.00	0.00	0.00	1.84	0.30	0.01	0.35
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.36
16	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.22	1.46
19	0.00	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.00	0.00	0.00	0.15	0.36	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.62	0.00	0.14	0.00	0.00	0.00	0.72	0.07	1.23
22	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.05	0.02	0.01	0.22
23	0.00	0.44	0.70	0.07	0.00	0.00	0.00	0.00	0.09	1.89	0.00	0.00
24	0.00	0.07	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.03	0.01	0.00	0.06	0.00	0.00	0.18	0.00	0.74	0.00	0.00	0.64
26	0.00	0.01	0.00	0.00	0.00	0.52	0.00	0.00	0.04	0.01	0.31	0.29
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.21
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.09	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.19	0.00	0.00	0.00	0.00	0.00
30	0.00	0.21	0.00	0.00	---	2.56	0.27	0.00	0.00	0.01	0.00	0.00
31	0.00	---	0.00	0.00	---	0.45	---	0.00	---	0.00	0.00	---
TOTAL	0.82	0.74	2.90	5.95	1.79	6.59	1.31	3.98	4.19	3.94	0.75	5.34

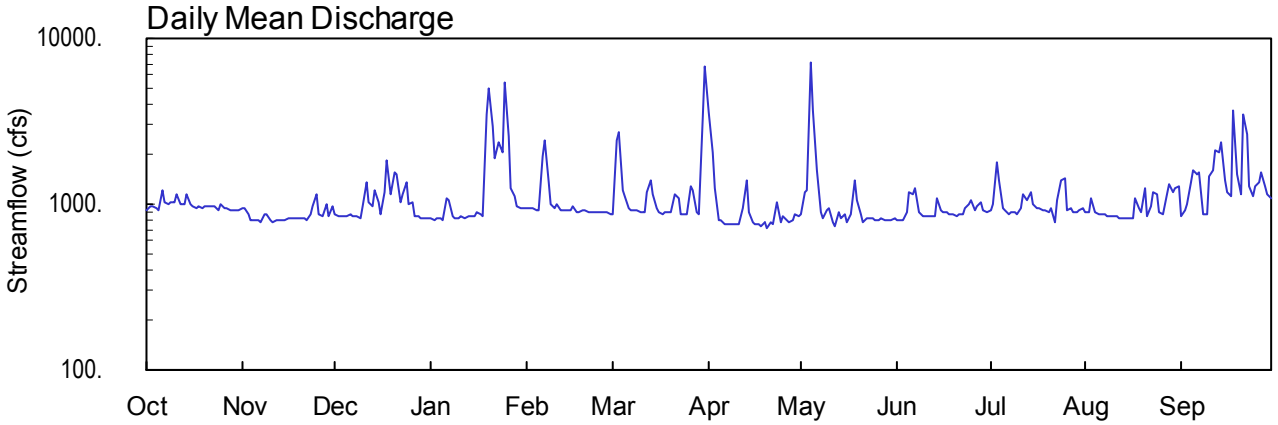
APALACHICOLA RIVER BASIN

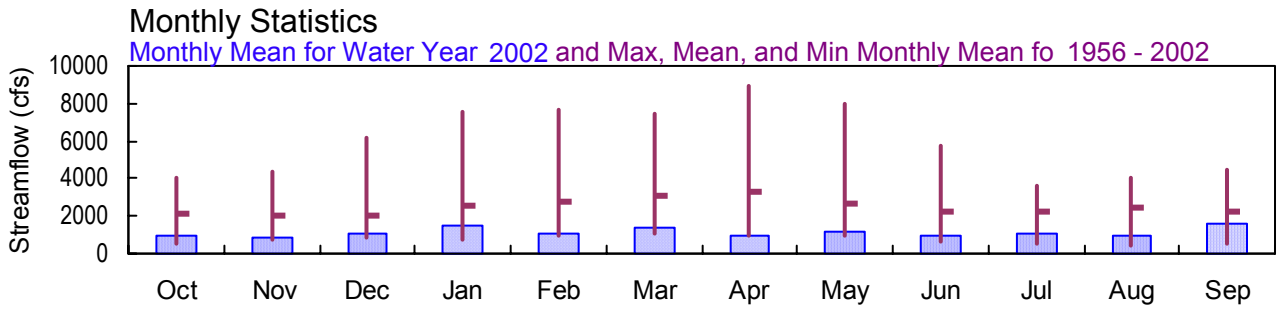
2002 Water Year

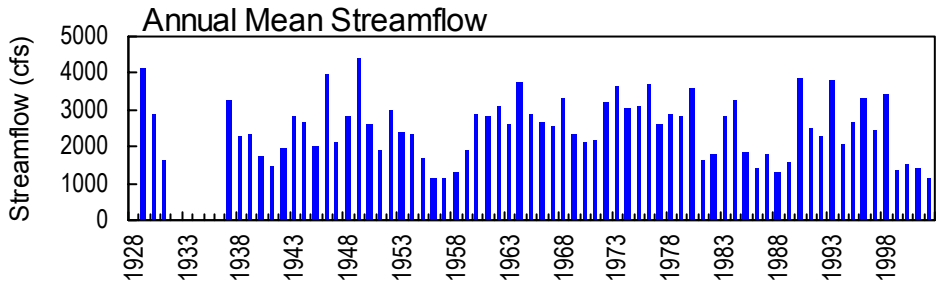
02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA

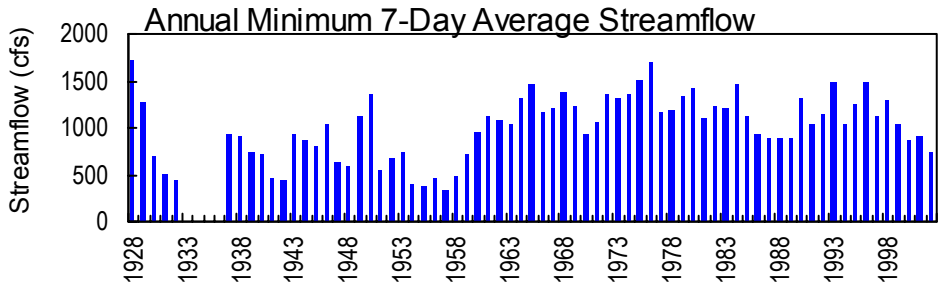
Latitude: 33°51'33" Longitude: 84°27'16" Hydrologic Unit Code: 03130001 Fulton County

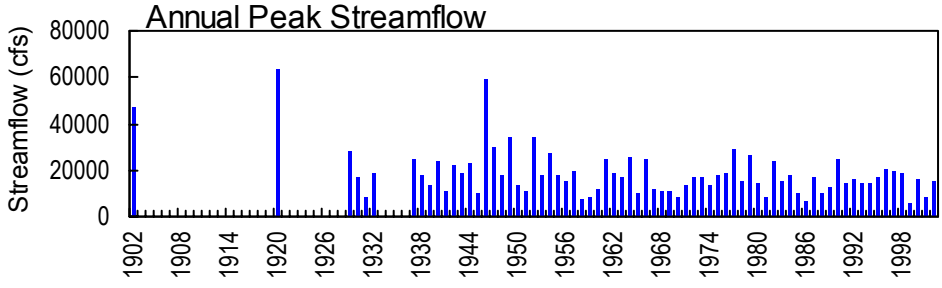
Drainage Area: 1,450. mi^2 Datum: 750.10 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA

LOCATION.—Lat 33°51'33", long 84°27'16" referenced to North American Datum (NAD) of 1983, Fulton-Cobb County line, Hydrologic Unit 03130001, on left bank 20.0 feet upstream from Paces Ferry Bridge, 1.0 mile downstream from Rottenwood Creek, 2.5 miles upstream from Peachtree Creek, and at mile 303.0.

DRAINAGE AREA.—1,450 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division, Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 1928 to December 1931, October 1936 to current year. Prior to October 1951, published as "near Vinings".

REVISED RECORDS.--WSP 972: 1932.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 750.10 feet above National Geodetic Vertical Datum (NGVD) of 1929. From August 3, 1928, to December 31, 1931, gage was a water-stage recorder, and November 15, 1936 to March 8, 1937, a non-recording gage was located at the same site and datum. Since June 1967, auxiliary water-stage recorder located at bridge on US 41, 0.8 miles upstream.

REMARKS.—Records good. Flow regulated by Lake Sidney Lanier since January 1956. Considerable diurnal fluctuation caused by operation of Morgan Falls hydroelectric plant 9.5 miles above station. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1896, 29.0 feet in December 1919, from flood marks at site 2.6 miles downstream and stage relation between the two sites.

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1928 to December 1931, October 1936 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 750.10 feet above National Geodetic Vertical Datum (NGVD) of 1929. From August 3, 1928, to December 31, 1931, gage was a water-stage recorder, and November 15, 1936 to March 8, 1937, a non-recording gage was located at the same site and datum. Since June 1967, auxiliary water-stage recorder located at bridge on US 41, 0.8 miles upstream.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.43 feet, May 4; minimum gage-height recorded, 2.48 feet, May 21.

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00* CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
Date Processed: 2003-03-11 10:26 By acday
APPROVED
DD #7, DCP **SLOPE**
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	930	933	879	e815	946	876	e3630	876	809	922	902	843
2	984	942	858	e809	933	2400	e2070	1190	801	1010	895	919
3	968	870	842	e822	933	2690	e1240	1210	796	1800	1100	1010
4	939	795	848	e819	930	1230	798	7240	903	1390	894	1340
5	923	800	845	799	922	1110	797	3720	1180	947	869	1600
6	e1200	792	860	1100	1960	943	766	1610	1150	912	878	1530
7	1030	785	849	1060	2430	924	748	886	1250	876	861	1570
8	1000	861	840	855	1370	914	756	824	885	899	853	876
9	1040	880	834	820	1010	918	762	916	850	892	849	870
10	1040	799	973	829	955	900	762	957	837	881	850	1470
11	1140	789	1350	845	1010	889	750	786	842	937	837	1590
12	1000	801	1040	830	912	1180	956	739	850	1150	831	2090
13	999	799	975	839	917	1390	1400	902	844	1070	832	2050
14	1140	804	e1200	851	916	1160	905	826	1100	1180	834	2380
15	1010	809	1030	855	912	951	769	865	919	997	831	1400
16	981	830	863	890	977	900	757	783	892	940	828	1170
17	957	833	1170	871	897	869	763	881	893	934	1090	1110
18	961	830	1840	839	896	886	743	1390	869	910	949	3650
19	946	830	1140	3510	915	883	777	1060	862	911	890	1520
20	968	820	e1540	5030	921	900	713	879	852	893	1250	1140
21	971	829	e1520	2990	904	1140	769	789	865	936	841	3520
22	965	809	e1030	1910	901	1080	764	835	879	777	962	2620
23	964	870	e1160	2350	899	872	1020	830	933	e1060	1170	1270
24	921	973	1370	2030	892	860	780	825	1000	e1380	1150	1130
25	996	1160	1010	5470	898	878	838	794	1060	e1430	901	1300
26	956	866	1040	2580	887	1270	811	800	926	922	874	1370
27	938	839	e849	1240	883	1200	783	813	967	951	1160	1570
28	923	1000	e844	1110	872	889	806	807	1020	898	1310	1280
29	924	858	e835	971	---	878	864	803	916	885	1170	1140
30	923	973	e826	949	---	3370	856	807	887	916	1250	1090
31	918	---	e832	944	---	6720	---	817	---	948	1280	---
TOTAL	30555	25779	32092	46632	28798	42070	29153	37460	27837	31554	30191	46418
MEAN	986	859	1035	1504	1028	1357	972	1208	928	1018	974	1547
MAX	1200	1160	1840	5470	2430	6720	3630	7240	1250	1800	1310	3650
MIN	918	785	826	799	872	860	713	739	796	777	828	843
CFSM	0.68	0.59	0.71	1.04	0.71	0.94	0.67	0.83	0.64	0.70	0.67	1.07
IN.	0.78	0.66	0.82	1.20	0.74	1.08	0.75	0.96	0.71	0.81	0.77	1.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2002, BY WATER YEAR (WY)

MEAN	2096	2071	2014	2534	2799	3096	3249	2692	2277	2222	2438	2277
MAX	4016	4393	6151	7506	7684	7482	8959	7955	5733	3599	4082	4418
(WY)	1992	1975	1993	1993	1990	1990	1964	1964	1973	1963	1984	1967
MIN	525	760	820	794	985	1084	941	955	640	567	426	480
(WY)	1958	1957	1957	1958	1957	1959	1959	1958	1957	1957	1957	1957

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1956 - 2002	
ANNUAL TOTAL	478604		408539			
ANNUAL MEAN	1311		1119		2478	
HIGHEST ANNUAL MEAN					3834	1990
LOWEST ANNUAL MEAN					1119	2002
HIGHEST DAILY MEAN	5530	Mar 15	7240	May 4	20500	Mar 17 1990
LOWEST DAILY MEAN	785	Nov 7	713	Apr 20	296	Sep 2 1957
ANNUAL SEVEN-DAY MINIMUM	804	Nov 10	755	Apr 16	340	Sep 1 1957
MAXIMUM PEAK FLOW			15200	May 4	28900	Mar 30 1977
MAXIMUM PEAK STAGE			13.43	May 4	23.03	Mar 17 1990
ANNUAL RUNOFF (CFSM)	0.90		0.77		1.71	
ANNUAL RUNOFF (INCHES)	12.28		10.48		23.22	
10 PERCENT EXCEEDS	1820		1450		4880	
50 PERCENT EXCEEDS	1130		916		1820	
90 PERCENT EXCEEDS	870		802		1030	

e Estimated

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00* CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
Date Processed: 2003-03-11 10:26 By acday
APPROVED
DD #6, DCP **SLOPE**
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.83	2.83	2.76	---	2.71	2.61	---	2.76	2.67	2.82	2.94	2.99
2	2.89	2.84	2.73	---	2.69	4.20	---	3.14	2.65	2.92	2.93	3.09
3	2.88	2.75	2.71	---	2.69	4.57	---	3.13	2.65	3.71	3.19	3.20
4	2.84	2.65	2.72	---	2.69	3.09	2.65	9.34	2.78	3.39	2.94	3.55
5	2.82	2.65	2.72	2.65	2.68	2.94	2.65	5.45	3.12	2.86	2.91	3.83
6	---	2.64	2.73	3.04	3.86	2.70	2.60	3.59	3.08	2.82	2.93	3.79
7	2.92	2.63	2.72	2.99	4.38	2.68	2.58	2.77	3.21	2.78	2.91	3.83
8	2.92	2.73	2.71	2.73	3.27	2.67	2.59	2.69	2.77	2.82	2.91	3.03
9	2.97	2.76	2.70	2.68	2.80	2.67	2.60	2.80	2.72	2.81	2.90	3.03
10	2.96	2.65	2.88	2.69	2.72	2.64	2.60	2.86	2.70	2.80	2.91	3.73
11	3.08	2.64	3.31	2.71	2.80	2.62	2.58	2.63	2.71	2.88	2.89	3.86
12	2.92	2.65	2.95	2.69	2.66	3.05	2.85	2.57	2.72	3.14	2.90	4.30
13	2.92	2.65	2.88	2.71	2.67	3.30	3.38	2.78	2.71	3.05	2.90	4.24
14	3.08	2.66	---	2.72	2.67	3.00	2.79	2.69	3.02	3.18	2.91	4.52
15	2.92	2.67	2.94	2.73	2.66	2.72	2.61	2.74	2.81	2.97	2.91	3.67
16	2.89	2.69	2.74	2.77	2.75	2.64	2.59	2.63	2.78	2.91	2.91	3.40
17	2.86	2.70	3.08	2.75	2.64	2.60	2.60	2.76	2.78	2.90	3.24	3.33
18	2.87	2.69	3.83	2.71	2.64	2.62	2.57	3.37	2.75	2.88	3.08	5.35
19	2.85	2.69	3.08	5.47	2.69	2.62	2.62	2.98	2.74	2.88	3.00	3.77
20	2.88	2.68	---	6.20	2.67	2.64	2.53	2.75	2.72	2.87	3.45	3.37
21	2.88	2.69	---	4.84	2.65	2.98	2.61	2.63	2.74	2.92	2.95	5.28
22	2.87	2.67	---	3.89	2.64	2.89	2.60	2.70	2.76	2.90	3.11	4.70
23	2.87	2.75	---	4.31	2.64	2.60	2.92	2.69	2.83	---	3.36	3.51
24	2.81	2.88	3.36	4.03	2.63	2.59	2.62	2.69	2.91	---	3.36	3.35
25	2.91	3.11	2.93	6.55	2.64	2.61	2.71	2.64	2.98	---	3.04	3.55
26	2.86	2.74	2.96	4.48	2.62	3.14	2.67	2.65	2.82	2.93	3.01	3.64
27	2.84	2.71	---	3.10	2.62	3.05	2.63	2.67	2.87	2.97	3.38	3.85
28	2.82	2.90	---	2.93	2.60	2.66	2.66	2.66	2.94	2.91	3.55	3.53
29	2.82	2.73	---	2.75	---	2.64	2.74	2.66	2.81	2.90	3.40	3.37
30	2.82	2.88	---	2.71	---	5.37	2.73	2.66	2.77	2.94	3.48	3.31
31	2.81	---	---	2.71	---	7.34	---	2.68	---	2.99	3.52	---
MEAN	---	2.73	---	---	2.80	3.11	---	3.09	2.82	---	3.09	3.73
MAX	---	3.11	---	---	4.38	7.34	---	9.34	3.21	---	3.55	5.35
MIN	---	2.63	---	---	2.60	2.59	---	2.57	2.65	---	2.89	2.99

APALACHICOLA RIVER BASIN
2002 Water Year

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA

LOCATION.—Lat 33°51'33", long 84°27'16" referenced to North American Datum (NAD) of 1983, Fulton-Cobb County line, Hydrologic Unit 03130001, on left bank 20.0 feet upstream from Paces Ferry Bridge, 1.0 mile downstream from Rottenwood Creek, 2.5 miles upstream from Peachtree Creek, and at mile 303.0.

DRAINAGE AREA.—1,450 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division, Georgia Power Corporation.

PERIOD OF RECORD.—May 6, 2002 to September 30, 2002.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: May 6, 2002 to September 30, 2002.
WATER TEMPERATURE: May 6, 2002 to September 30, 2002.
TURBIDITY: May 6, 2002 to September 30, 2002.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good, except for turbidity records, which are fair.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 122 microsiemens, August 7; minimum, 55 microsiemens, September 21.
WATER TEMPERATURE: Maximum, 27.9°C, June 3, 4; minimum, 15.7°C, September 13.
TURBIDITY: Maximum, 872 NTU, July 3; minimum, <2.0 NTU, several days during year.

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00 CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
Date Processed: 2003-03-13 15:43 By ceoberst
APPROVED
DD #19, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00 CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
Date Processed: 2003-03-13 15:43 By ceoberst
APPROVED
DD #19, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	87	70	80
8	---	---	---	---	---	---	---	---	---	100	85	90
9	---	---	---	---	---	---	---	---	---	111	100	103
10	---	---	---	---	---	---	---	---	---	111	107	109
11	---	---	---	---	---	---	---	---	---	108	101	104
12	---	---	---	---	---	---	---	---	---	109	100	105
13	---	---	---	---	---	---	---	---	---	113	87	106
14	---	---	---	---	---	---	---	---	---	119	108	114
15	---	---	---	---	---	---	---	---	---	118	105	109
16	---	---	---	---	---	---	---	---	---	111	---	---
17	---	---	---	---	---	---	---	---	---	109	96	102
18	---	---	---	---	---	---	---	---	---	109	86	97
19	---	---	---	---	---	---	---	---	---	103	93	100
20	---	---	---	---	---	---	---	---	---	98	92	94
21	---	---	---	---	---	---	---	---	---	105	98	100
22	---	---	---	---	---	---	---	---	---	110	101	105
23	---	---	---	---	---	---	---	---	---	111	99	106
24	---	---	---	---	---	---	---	---	---	112	102	107
25	---	---	---	---	---	---	---	---	---	112	103	108
26	---	---	---	---	---	---	---	---	---	113	102	108
27	---	---	---	---	---	---	---	---	---	118	101	108
28	---	---	---	---	---	---	---	---	---	112	101	106
29	---	---	---	---	---	---	---	---	---	113	103	108
30	---	---	---	---	---	---	---	---	---	114	103	109
31	---	---	---	---	---	---	---	---	---	112	102	105
MONTH	---	---	---	---	---	---	---	---	---	119	70	103

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00 CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	110	97	103	106	95	100	94	83	87	83	79	81
2	114	103	109	110	96	103	100	88	94	96	81	87
3	118	106	112	110	60	96	101	88	95	94	88	91
4	120	92	112	88	79	85	100	94	96	97	84	89
5	98	85	90	93	87	91	106	94	96	85	76	80
6	97	84	93	98	87	91	118	106	112	84	74	78
7	101	85	93	99	92	95	122	92	105	84	74	76
8	99	91	95	105	87	94	100	89	95	78	70	73
9	102	92	95	105	94	98	99	87	94	97	77	85
10	106	94	100	---	---	---	93	86	89	98	78	91
11	111	98	105	104	92	97	94	87	91	83	75	78
12	112	103	108	98	86	92	108	91	95	78	68	74
13	116	105	110	94	60	88	112	100	107	77	68	72
14	105	65	94	98	62	86	105	81	89	84	68	75
15	97	88	93	107	93	99	92	84	88	84	74	79
16	101	95	99	108	101	105	91	81	85	94	84	91
17	103	97	100	105	94	101	97	85	90	96	92	94
18	105	98	101	103	94	99	101	83	91	95	60	71
19	109	99	104	101	93	97	93	82	85	75	68	71
20	112	102	107	101	95	98	94	88	91	88	75	83
21	116	96	108	105	84	94	92	82	86	87	55	70
22	96	87	92	101	91	96	96	83	88	77	75	76
23	98	84	90	---	---	---	92	83	86	81	75	78
24	98	86	91	---	---	---	83	77	80	92	80	84
25	98	87	94	---	---	---	81	80	80	95	78	89
26	103	88	93	91	88	90	96	81	85	91	82	87
27	103	95	99	91	88	90	96	83	90	92	86	90
28	99	94	96	96	91	93	90	80	84	93	89	91
29	100	96	98	100	94	96	86	80	83	94	89	92
30	102	94	97	103	87	94	85	80	82	94	91	92
31	---	---	---	89	83	86	83	78	81	---	---	---
MONTH	120	65	99	110	60	95	122	77	90	98	55	82
YEAR	122	55	94									

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00 CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
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APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
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27	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

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STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	21.9	18.1	20.4
8	---	---	---	---	---	---	---	---	---	23.6	19.5	21.9
9	---	---	---	---	---	---	---	---	---	24.4	20.7	22.5
10	---	---	---	---	---	---	---	---	---	24.6	21.4	23.0
11	---	---	---	---	---	---	---	---	---	24.5	21.6	23.0
12	---	---	---	---	---	---	---	---	---	23.4	21.3	22.4
13	---	---	---	---	---	---	---	---	---	23.5	20.9	22.4
14	---	---	---	---	---	---	---	---	---	22.2	18.2	20.3
15	---	---	---	---	---	---	---	---	---	22.0	17.9	20.1
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	23.0	19.5	21.4
18	---	---	---	---	---	---	---	---	---	22.3	19.4	21.0
19	---	---	---	---	---	---	---	---	---	21.6	18.2	19.7
20	---	---	---	---	---	---	---	---	---	20.9	17.4	19.0
21	---	---	---	---	---	---	---	---	---	20.0	17.0	18.6
22	---	---	---	---	---	---	---	---	---	20.3	16.3	18.3
23	---	---	---	---	---	---	---	---	---	20.9	16.4	18.8
24	---	---	---	---	---	---	---	---	---	21.7	17.2	19.6
25	---	---	---	---	---	---	---	---	---	22.3	18.3	20.5
26	---	---	---	---	---	---	---	---	---	23.0	19.5	21.3
27	---	---	---	---	---	---	---	---	---	23.8	20.4	22.2
28	---	---	---	---	---	---	---	---	---	24.7	20.7	22.8
29	---	---	---	---	---	---	---	---	---	24.7	21.1	23.0
30	---	---	---	---	---	---	---	---	---	24.3	21.2	22.8
31	---	---	---	---	---	---	---	---	---	25.5	21.5	23.5
MONTH	---	---	---	---	---	---	---	---	---	25.5	16.3	21.2

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.9	21.9	24.0	25.4	22.1	23.8	26.5	22.6	24.6	20.4	17.5	18.7
2	26.9	22.4	24.8	25.8	22.0	23.9	26.0	23.0	24.5	21.3	18.3	19.8
3	27.9	23.4	25.8	25.1	21.8	22.8	25.4	22.9	24.1	22.3	19.0	20.5
4	27.9	24.1	25.9	24.3	21.0	22.5	25.9	22.2	23.9	21.2	19.4	20.2
5	25.6	22.6	24.3	26.0	21.4	23.6	26.6	22.3	24.4	19.9	18.1	19.0
6	25.9	22.7	24.3	27.1	23.1	25.1	26.7	23.4	25.1	20.9	18.0	19.0
7	26.2	23.4	24.6	26.8	23.8	25.3	25.3	22.3	23.7	19.5	17.6	18.4
8	25.6	22.9	24.2	26.5	23.3	24.9	23.9	20.9	22.6	20.8	17.1	18.8
9	26.0	22.3	24.2	25.9	22.6	24.4	23.9	20.8	22.4	21.9	18.0	20.0
10	26.6	22.4	24.6	---	---	---	23.7	20.6	22.2	21.0	17.6	19.7
11	27.0	22.6	24.9	24.8	22.8	23.9	24.0	20.3	22.1	19.6	16.9	17.9
12	27.1	22.7	25.0	23.5	21.0	22.0	24.5	20.6	22.6	18.0	16.0	17.0
13	26.7	22.7	24.9	23.1	20.2	21.0	25.1	21.5	23.1	16.7	15.7	16.1
14	25.3	22.3	23.5	24.0	20.8	22.3	23.3	20.3	21.9	17.5	16.0	16.7
15	23.4	20.5	21.9	25.1	20.8	23.0	22.7	19.4	21.2	19.2	16.6	18.1
16	23.1	19.5	21.5	26.6	22.5	24.5	21.8	19.2	20.6	21.7	18.2	19.8
17	23.9	20.0	22.0	26.8	23.3	25.0	22.2	20.0	21.0	22.2	20.3	21.1
18	24.3	20.6	22.5	26.4	23.1	24.9	23.6	20.5	21.9	22.5	20.3	21.2
19	23.8	21.0	22.4	26.5	22.9	24.8	23.9	20.7	22.2	21.2	20.0	20.8
20	24.6	20.8	22.8	26.6	22.8	24.8	24.2	21.4	22.8	22.1	19.8	20.9
21	24.4	21.1	22.9	26.2	22.5	24.4	24.6	21.5	23.0	23.2	20.4	21.7
22	22.7	20.2	21.2	26.0	22.1	24.1	24.0	21.9	22.9	21.3	19.6	20.3
23	22.3	20.1	21.2	---	---	---	23.1	21.5	22.2	22.8	19.7	21.4
24	23.6	20.4	21.9	---	---	---	22.7	19.8	21.4	21.7	20.9	21.3
25	23.0	21.3	22.1	---	---	---	23.6	19.9	21.9	21.0	18.1	19.4
26	23.5	21.5	22.4	23.8	21.1	22.4	24.4	21.4	22.8	18.1	17.2	17.6
27	24.3	21.0	22.6	24.4	21.6	23.0	22.8	20.9	22.0	19.4	18.0	18.7
28	22.9	21.0	22.0	26.1	21.6	23.8	20.9	19.5	20.4	20.9	18.4	19.6
29	24.3	21.1	22.6	27.1	23.3	25.2	20.3	18.7	19.5	20.6	19.4	20.0
30	24.9	21.5	23.3	26.8	23.7	25.3	19.6	18.6	19.1	20.6	19.0	19.8
31	---	---	---	26.5	23.1	24.8	19.0	17.9	18.4	---	---	---
MONTH	27.9	19.5	23.3	27.1	20.2	23.9	26.7	17.9	22.3	23.2	15.7	19.4
YEAR	27.9	15.7	22.0									

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00 CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
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APPROVED
DD #20, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00 CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
Date Processed: 2003-03-13 15:43 By ceoberst
APPROVED
DD #20, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	114	52	69
7	---	---	---	---	---	---	---	---	---	58	25	35
8	---	---	---	---	---	---	---	---	---	30	17	21
9	---	---	---	---	---	---	---	---	---	42	17	27
10	---	---	---	---	---	---	---	---	---	56	17	29
11	---	---	---	---	---	---	---	---	---	40	23	30
12	---	---	---	---	---	---	---	---	---	106	39	72
13	---	---	---	---	---	---	---	---	---	290	62	100
14	---	---	---	---	---	---	---	---	---	140	5.7	44
15	---	---	---	---	---	---	---	---	---	18	5.5	8.1
16	---	---	---	---	---	---	---	---	---	14	5.2	7.7
17	---	---	---	---	---	---	---	---	---	19	3.5	8.3
18	---	---	---	---	---	---	---	---	---	73	12	35
19	---	---	---	---	---	---	---	---	---	18	6.7	11
20	---	---	---	---	---	---	---	---	---	13	5.2	7.9
21	---	---	---	---	---	---	---	---	---	13	4.2	6.2
22	---	---	---	---	---	---	---	---	---	9.0	3.5	5.3
23	---	---	---	---	---	---	---	---	---	6.9	2.0	3.9
24	---	---	---	---	---	---	---	---	---	8.5	<2.0	3.0
25	---	---	---	---	---	---	---	---	---	8.8	<2.0	2.6
26	---	---	---	---	---	---	---	---	---	6.1	<2.0	2.2
27	---	---	---	---	---	---	---	---	---	14	<2.0	2.1
28	---	---	---	---	---	---	---	---	---	6.3	<2.0	2.2
29	---	---	---	---	---	---	---	---	---	7.7	<2.0	<2.0
30	---	---	---	---	---	---	---	---	---	5.1	<2.0	<2.0
31	---	---	---	---	---	---	---	---	---	4.9	<2.0	<2.0
MAX	---	---	---	---	---	---	---	---	---	290	62	100
MIN	---	---	---	---	---	---	---	---	---	4.9	<2.0	<2.0

< Actual value is known to be less than the value shown

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 335133 LONGITUDE 0842716 NAD83 DRAINAGE AREA 1450.00 CONTRIBUTING DRAINAGE AREA DATUM 750.10 NGVD29
Date Processed: 2003-03-13 15:43 By ceoberst
APPROVED
DD #20, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.6	<2.0	<2.0	18	8.9	11	16	4.7	7.7	18	11	14
2	4.2	<2.0	<2.0	135	9.0	11	16	5.3	8.2	---	---	---
3	4.4	<2.0	<2.0	872	17	32	18	9.0	11	---	---	---
4	193	<2.0	2.0	208	32	42	14	6.6	9.0	19	6.2	10
5	208	8.6	36	41	18	25	15	7.2	9.1	23	5.8	13
6	96	9.3	13	33	15	20	15	7.7	9.1	21	8.1	12
7	42	4.8	18	---	---	---	13	8.8	10	22	8.5	12
8	---	---	---	---	---	---	14	8.2	10	12	5.5	7.6
9	---	---	---	18	2.0	3.7	14	8.4	10	13	5.1	7.5
10	---	---	---	9.2	2.3	4.0	14	8.7	10	23	7.9	12
11	11	2.0	3.8	21	3.6	5.5	12	8.7	10	28	8.8	12
12	8.0	2.0	4.0	22	4.8	8.8	---	---	---	27	12	18
13	8.5	2.0	4.1	531	6.4	9.0	---	---	---	32	10	17
14	272	3.0	6.3	251	18	37	11	3.9	6.3	79	16	29
15	22	5.3	9.0	23	12	15	9.1	3.6	5.9	24	14	17
16	14	5.4	7.0	19	10	13	9.2	4.1	5.7	34	14	16
17	9.4	4.7	6.3	17	10	12	22	4.4	7.6	21	12	15
18	10	4.0	6.7	18	11	12	18	7.7	11	871	15	123
19	11	4.1	6.0	13	<2.0	3.4	15	6.7	8.8	114	31	48
20	12	5.0	6.6	9.5	2.3	4.1	21	7.8	14	48	31	37
21	13	5.3	7.2	35	2.3	6.0	13	7.0	9.5	790	37	100
22	12	7.2	9.0	38	3.0	6.4	37	8.5	12	88	56	72
23	25	7.3	10	---	---	---	49	6.5	13	88	42	64
24	24	6.6	15	---	---	---	32	5.7	14	61	38	49
25	55	7.7	18	---	---	---	37	5.4	7.7	66	22	36
26	48	9.1	15	50	18	23	58	6.6	8.8	45	16	24
27	19	8.5	11	29	14	19	48	11	16	28	17	22
28	20	9.4	12	38	15	25	36	13	18	24	15	19
29	14	8.1	9.9	---	---	---	29	13	18	38	16	19
30	12	8.4	9.7	---	---	---	67	13	17	29	12	18
31	---	---	---	19	5.9	9.9	21	13	16	---	---	---
MAX	272	9.4	36	872	32	42	67	13	18	871	56	123
MIN	4.2	<2.0	<2.0	9.2	<2.0	3.4	9.1	3.6	5.7	12	5.1	7.5

YEAR		
	MAX	MAXIMUM 872 MINIMUM 4.2
	MIN	MAXIMUM 62 MINIMUM <2.0
	MEDIAN	MAXIMUM 123 MINIMUM <2.0

< Actual value is known to be less than the value shown

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA

LOCATION.—Lat 33°51'33", long. 84°27'16", Reference to North American Datum (NAD) of 1983 Fulton-Cobb County line, on left bank, 30.0 feet upstream from new bridge on Paces Ferry Road, 1.0 mile downstream from Rottenwood Creek, 2.5 miles upstream from Peachtree Creek, and at mile 303.0.

DRAINAGE AREA. -- 1,450 mi^2.

PERIODIC WATER-QUALITY RECORDS

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TURBIDITY LAB (NTU) (82079)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	E COLI, COLILERT QUANTRY WATER (MPN/100 ML) (50468)	TOTAL COLIFORM, COLILRT QNT,WTR (MPN/100 ML) (50569)
OCT				
01...	7.6	97	62	4650
02...	7.2	93	79	4160
03...	8.0	95	58	3090
04...	7.2	90	110	14100
05...	6.0	93	140	12000
06...	20	94	960	86600
07...	7.9	99	230	5300
08...	8.2	85	150	5050
09...	9.8	86	71	2630
10...	7.6	90	74	2260
11...	24	89	360	7560
12...	3.0	--	88	3680
13...	5.1	--	87	2420
14...	8.8	--	470	15500
15...	7.3	--	180	6280
16...	8.4	93	78	3070
17...	7.4	90	76	4460
18...	7.2	83	48	2180
19...	4.4	100	50	1870
20...	3.9	90	35	1860
21...	5.4	95	85	1780
22...	4.0	88	59	2000
23...	6.0	101	51	2750
24...	4.0	97	56	2430
25...	6.0	88	170	2880
26...	5.0	89	140	8660
27...	3.0	89	220	2230
28...	4.0	86	64	1180
29...	4.0	90	68	1360
30...	3.0	88	47	1070
31...	4.0	91	76	869
NOV				
01...	4.0	92	71	678
02...	2.7	83	47	608
03...	3.7	88	90	1550
04...	3.7	96	71	1260
05...	6.3	87	64	1140
06...	4.7	90	71	3180
07...	4.1	102	38	2330
08...	4.1	96	49	847
09...	2.9	103	51	758
10...	3.8	94	86	908
11...	3.6	103	24	1140
12...	3.5	106	35	923
13...	3.0	107	44	702
14...	3.0	105	42	704
15...	4.4	97	42	467
16...	2.5	109	35	850
17...	3.7	101	33	881
18...	2.6	109	40	443
19...	3.4	108	44	389
20...	3.6	110	28	481
21...	4.3	108	67	380
22...	4.4	100	89	668
23...	3.8	79	100	782

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
24...	5.1	92	350	9710
25...	6.4	95	270	5360
26...	6.0	89	88	573
27...	6.1	87	76	634
28...	4.7	90	100	589
29...	7.8	88	140	791
30...	23	77	1200	>24200
DEC				
01...	6.7	84	130	3820
02...	6.7	81	200	1210
03...	5.6	81	80	731
04...	4.6	83	50	1420
05...	4.1	74	46	1050
06...	4.4	82	43	328
07...	5.0	100	66	3130
08...	6.2	99	63	1170
09...	5.7	98	37	719
10...	4.9	103	520	2140
11...	15	103	470	5340
12...	7.6	91	140	1310
13...	7.5	91	170	783
14...	11	93	380	11800
15...	8.0	92	120	1290
16...	7.7	93	78	1220
17...	7.0	96	120	626
18...	27	98	2300	68700
19...	27	81	500	4220
20...	36	88	290	3880
21...	24	73	220	4430
22...	9.6	74	53	1200
27...	7.7	91	66	538
28...	6.9	90	73	1040
29...	21	92	50	1370
30...	5.6	94	53	981
JAN				
04...	4.5	105	88	1030
05...	7.3	101	43	534
06...	40	120	2200	64900
07...	5.0	106	120	2800
08...	7.0	94	120	2540
09...	6.0	103	48	1460
10...	7.0	106	35	1240
11...	4.2	103	58	463
12...	3.7	98	33	433
13...	3.8	100	23	722
14...	4.0	105	29	507
15...	4.0	100	38	660
16...	4.0	83	14	523
17...	4.0	88	17	177
18...	3.0	1010	20	345
19...	6.0	108	15	514
20...	200	593	4100	107000
21...	140	56	1500	162000
22...	66	67	2800	40800
23...	48	73	830	12200
24...	44	74	810	18700
25...	120	70	2100	23100
26...	97	67	1000	15100
27...	67	70	230	10100
28...	38	80	170	2690
29...	21	93	39	1690
30...	19	100	53	919
31...	14	105	55	1160

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
FEB				
01...	14	107	48	873
02...	13	106	55	1170
03...	10	114	87	1250
04...	7.1	107	92	1440
05...	4.7	101	41	845
06...	16	87	840	3540
07...	16	84	980	9530
08...	27	78	860	12900
09...	30	85	670	6780
10...	21	89	250	3440
11...	10	100	75	1820
12...	8.5	101	37	448
13...	4.1	105	49	804
14...	3.5	102	30	375
15...	5.0	103	77	1410
16...	5.2	108	50	1060
17...	5.9	104	47	666
18...	6.1	93	97	1010
19...	4.0	107	25	378
20...	4.3	108	33	500
21...	4.8	105	68	1110
22...	4.1	101	61	1310
23...	4.2	102	34	1070
24...	4.7	108	31	617
25...	2.8	107	45	1320
26...	2.5	110	19	1690
27...	3.0	104	18	1130
28...	3.8	107	31	1100
MAR				
01...	3.1	99	27	777
02...	22	83	420	22900
03...	58	68	1100	29000
04...	46	76	740	2480
05...	37	76	43	1040
06...	16	94	160	3360
07...	11	95	90	3760
08...	6.7	83	85	3110
09...	7.9	84	110	4080
10...	9.1	81	120	3070
11...	3.4	85	260	1820
12...	4.1	89	150	5320
13...	7.1	78	190	4650
14...	6.9	78	120	1900
15...	10	91	27	732
16...	12	95	55	1430
17...	12	99	62	1870
18...	7.6	114	38	3190
19...	7.8	112	40	1790
20...	9.2	114	12	2840
21...	14	108	510	11000
22...	9.0	106	110	2720
23...	6.8	100	49	2080
24...	5.9	94	26	1910
25...	6.9	106	36	1170
26...	12	97	280	19900
27...	38	90	850	24200
28...	21	89	140	3610
29...	8.0	98	61	2930
30...	150	62	3700	129000
31...	260	56	4500	86600

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
APR				
01...	47	50	1500	25500
02...	47	50	480	6720
03...	27	58	85	3310
04...	16	65	64	5170
05...	11	101	51	3500
06...	9.1	100	54	2790
07...	8.6	94	59	4410
08...	3.2	85	53	2820
09...	3.6	85	66	4680
10...	5.8	82	73	2600
11...	3.9	92	33	3920
12...	8.8	91	64	3390
13...	12	103	790	38700
14...	8.8	92	350	10100
15...	3.0	82	150	8160
16...	7.0	99	110	4610
17...	5.0	102	53	3260
18...	5.0	109	76	4640
19...	7.0	116	25	3120
20...	5.0	117	110	4880
21...	6.0	127	87	4940
22...	6.1	124	55	9210
23...	6.7	110	120	5170
24...	6.1	117	99	5790
25...	7.6	105	500	23400
26...	6.4	89	620	9540
27...	4.7	94	67	6330
28...	4.8	105	84	3450
29...	15	108	860	>24200
30...	7.2	107	160	10200
MAY				
01...	11	98	280	18900
02...	14	104	250	10300
03...	9.6	90	210	8060
04...	200	57	8600	548000
05...	140	57	4100	195000
06...	110	63	1100	22800
07...	46	72	270	5560
08...	29	70	200	11100
09...	15	83	82	9800
10...	13	106	170	13400
11...	9.0	97	200	16700
12...	8.0	100	110	10500
13...	9.2	109	180	12000
14...	8.5	110	1400	81600
15...	8.3	111	170	11800
16...	6.2	110	140	10100
17...	9.0	96	87	9720
18...	35	81	3000	199000
19...	12	100	310	14300
20...	8.4	87	200	9800
21...	3.9	95	180	11200
22...	5.1	102	70	8660
23...	4.1	98	70	8660
24...	3.7	108	69	15500
25...	3.0	105	59	10500
26...	4.0	105	70	12200
27...	3.0	107	72	11800
28...	2.3	102	72	13800
29...	2.4	103	79	10700
30...	2.3	104	46	11200
31...	3.7	99	110	5630

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TUR-BID-ITY LAB (NTU) (82079)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	E COLI, COLI-LERT QUANTRY WATER (MPN/ 100 ML) (50468)	TOTAL COLI-FORM, COLILRT QNT,WTR (MPN/ 100 ML) (50569)
JUN				
01...	3.5	95	50	8520
02...	4.1	103	110	11200
03...	3.2	102	82	13000
04...	3.7	103	55	15500
05...	70	83	6700	>242000
06...	10	91	720	26300
07...	27	81	800	58400
08...	9.0	94	130	16500
09...	11	89	200	20600
10...	5.0	101	56	12900
11...	3.2	100	55	12700
12...	3.5	103	100	11200
13...	4.3	96	84	10100
14...	5.0	--	71	21900
15...	10	--	660	120000
16...	8.0	--	150	14000
17...	4.0	--	50	8660
18...	4.0	--	74	9210
19...	5.0	--	69	12000
20...	5.0	--	53	11700
21...	6.0	--	53	9760
22...	5.0	--	170	11300
23...	5.0	--	180	8600
24...	3.0	--	240	19600
25...	2.0	--	120	9000
26...	7.0	--	500	20600
27...	3.0	--	95	8120
28...	3.0	--	1900	13000
29...	4.0	--	160	7780
30...	5.0	--	89	8400
JUL				
01...	3.0	--	150	8880
02...	1.0	--	47	7030
03...	10	--	2300	77000
04...	23	--	1500	68700
05...	10	--	750	11900
06...	7.0	--	150	11100
07...	8.0	--	87	8660
08...	7.0	--	46	8270
09...	5.0	--	80	9740
10...	5.0	--	47	7980
11...	5.0	--	220	19100
12...	4.0	--	110	9470
13...	5.0	--	130	8440
14...	56	--	3400	120000
16...	3.0	--	150	10200
17...	3.0	--	99	9090
18...	3.0	--	180	8950
19...	3.0	--	66	6150
20...	7.0	--	120	8500
21...	7.0	--	67	6060
22...	8.0	--	430	2460
23...	7.0	--	120	10800
24...	55	--	2100	112000
25...	28	--	720	30100
26...	13	--	230	9240
27...	11	--	220	8450
28...	9.0	--	160	16400
29...	7.0	--	65	6490
30...	7.0	--	120	12000
31...	12	--	370	14100

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	TURBIDITY LAB (NTU) (82079)	E COLI, COLILERT QUANTRY WATER (MPN/100 ML) (50468)	TOTAL COLIFORM, COLILRT QNT,WTR (MPN/100 ML) (50569)
AUG			
01...	9.0	110	5790
02...	5.0	83	7270
03...	10	210	6490
04...	8.0	77	7170
05...	5.0	87	7270
06...	6.0	93	4610
07...	5.0	64	6490
08...	6.0	63	4520
09...	4.0	69	5240
10...	5.0	46	3080
11...	6.0	56	5790
12...	5.0	65	3660
13...	5.0	35	4220
14...	6.0	74	4610
15...	5.0	110	7270
17...	5.0	180	8710
18...	10	280	12000
19...	6.0	180	9590
20...	13	930	24200
21...	6.0	110	5190
22...	6.0	93	7700
23...	8.0	140	2000
24...	9.0	190	9170
25...	7.0	75	8520
26...	5.0	69	3970
27...	21	700	36500
28...	12	130	11900
29...	12	76	12000
30...	7.0	87	2660
31...	7.0	100	5790
SEP			
01...	3.0	120	8880
02...	7.0	76	6850
03...	7.0	160	8160
04...	10	110	12000
05...	15	250	10500
06...	7.0	160	7200
07...	8.0	70	4800
08...	6.0	59	4840
09...	5.0	47	7340
10...	7.0	200	8040
11...	8.0	85	5050
12...	12	150	8880
13...	10	170	6870
14...	28	3800	155000
15...	9.0	770	33500
16...	10	120	5870
17...	13	260	7060
18...	310	20000	242000
19...	49	950	32600
20...	29	280	24200
21...	260	19000	687000
22...	47	930	38700
23...	60	320	22800
24...	48	190	11100
25...	24	320	14100
26...	16	190	20900
27...	15	660	11000
28...	16	220	7700
29...	15	75	10600
30...	16	75	12700

Remark codes used in this report:
> -- Greater than

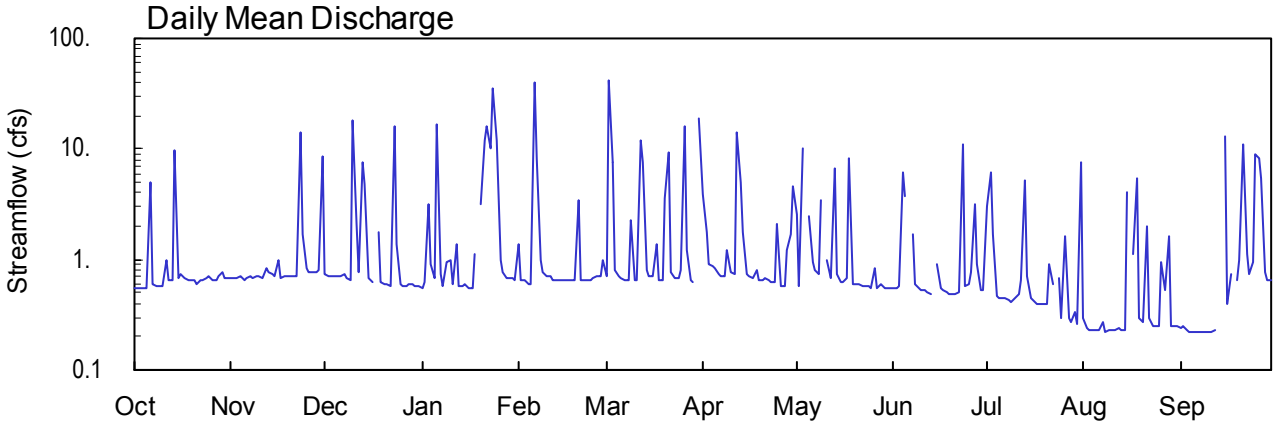
APALACHICOLA RIVER BASIN

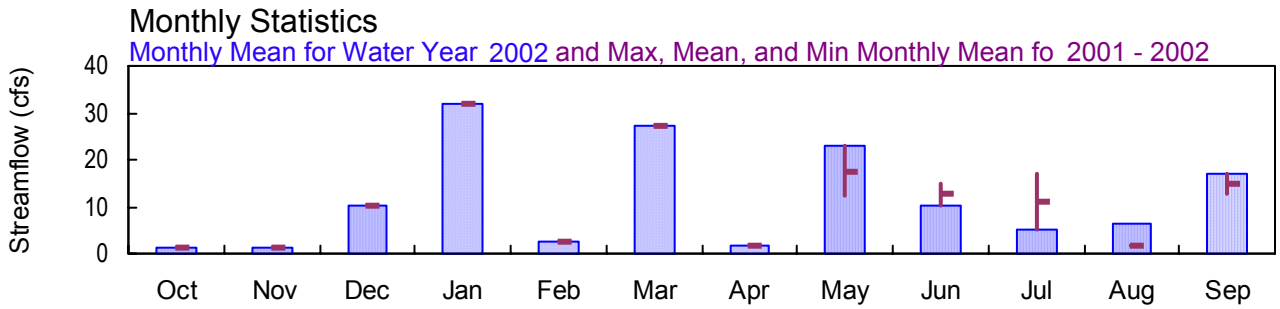
2002 Water Year

02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE, GA

Latitude: 33°54'20" Longitude: 84°13'30" Hydrologic Unit Code: 03130001 Gwinnett County

Drainage Area: 1.42 mi^2 Datum: 950.00 feet





02336030 NORTH FORK PEACHTREE CREEK AT GRAVES ROAD, NEAR DORAVILLE, GA

LOCATION.—Lat 33°54'20", long 84°13'30" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, at bridge at Graves Road, 0.3 miles east of Interstate 85.

DRAINAGE AREA.—1.42 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—June 8, 2001 to current year

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 850.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair. Streamflow published only up to stage of 4.00 feet.

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 8, 2001 to current year

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 850.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR 2001 WATER YEAR.—Maximum gage-height recorded, 8.87 feet, June 22, 2001; minimum gage-height recorded, 1.47 feet, September 21, 22, 2001.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.32 feet, September 18; minimum gage-height recorded, 1.40 feet, September 8.

PRECIPITATION RECORDS

PERIOD OF RECORD.—June 9, 2001 to current year

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42* CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-12 14:29 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.55	0.69	0.74	0.56	1.4	0.72	3.9	2.6	0.55	3.0	0.29	0.24
2	0.55	0.67	0.72	0.62	0.64	42	1.8	0.58	0.55	6.1	0.24	0.25
3	0.54	0.67	0.70	3.1	0.64	7.6	0.92	10	0.57	1.7	0.23	0.23
4	0.55	0.70	0.71	0.92	0.61	0.81	0.86	---	6.2	0.47	0.23	0.22
5	0.56	0.65	0.71	0.67	0.61	0.70	0.82	2.5	3.8	0.45	0.23	0.22
6	5.0	0.69	0.72	17	40	0.69	0.75	0.94	---	0.44	0.23	0.22
7	0.60	0.71	0.74	0.75	8.2	0.66	0.72	0.80	1.7	0.44	0.27	0.22
8	0.58	0.67	0.67	0.58	0.97	0.64	0.71	0.74	0.60	0.43	0.22	0.22
9	0.58	0.70	0.65	0.96	0.76	2.3	1.2	e3.4	0.54	0.42	0.23	0.22
10	0.58	0.72	18	1.0	0.70	0.66	0.77	---	0.53	0.45	0.23	0.22
11	1.0	0.67	2.1	0.61	0.70	0.65	0.73	1.00	0.52	0.48	0.23	0.22
12	0.64	0.85	0.78	1.4	0.66	12	14	0.68	0.50	0.65	0.24	0.23
13	0.64	0.76	7.6	0.57	0.65	7.5	4.9	6.7	0.49	5.3	0.23	---
14	9.9	0.73	4.8	0.57	0.65	0.79	1.8	0.75	---	0.72	0.23	---
15	0.67	0.72	0.67	0.59	0.65	0.72	0.74	0.62	0.90	0.45	4.0	13
16	0.73	0.98	0.63	0.56	0.64	0.72	0.72	0.62	0.54	0.43	---	0.40
17	0.67	0.67	---	0.56	0.64	1.4	0.68	0.68	0.53	0.40	1.1	0.73
18	0.64	0.70	1.8	1.1	0.65	0.64	0.80	8.4	0.50	0.40	5.5	---
19	0.64	0.70	0.62	---	0.64	0.64	0.65	0.61	0.49	0.39	0.30	0.66
20	0.65	0.72	0.60	3.1	3.4	3.6	0.66	0.61	0.48	0.40	0.27	0.97
21	0.61	0.72	0.59	12	0.64	9.2	0.69	0.59	0.49	0.92	2.0	11
22	0.65	0.70	0.57	16	0.64	0.78	0.64	0.58	0.50	0.59	0.29	1.1
23	0.64	14	16	10	0.65	0.68	0.63	0.58	11	---	0.25	0.74
24	0.67	1.7	1.4	35	0.64	0.69	0.62	0.57	0.58	0.68	0.25	0.93
25	0.70	0.85	0.60	12	0.68	0.80	2.1	0.56	0.61	0.29	0.25	9.1
26	0.65	0.77	0.58	1.0	0.71	16	0.58	0.85	0.76	1.6	0.93	8.4
27	0.65	0.78	0.58	0.76	0.70	1.2	0.57	0.56	3.1	0.29	0.52	5.4
28	0.71	0.78	0.60	0.69	0.98	0.66	1.2	0.59	0.91	0.27	1.6	0.77
29	0.77	0.80	0.60	0.67	---	0.63	1.7	0.55	0.53	0.34	0.25	0.66
30	0.69	8.5	0.57	0.68	---	---	4.6	0.55	0.52	0.26	0.25	0.65
31	0.68	---	0.58	0.64	---	19	---	0.56	---	7.6	0.25	---
TOTAL	33.69	43.97	---	---	69.45	---	51.46	---	---	---	---	---
MEAN	1.09	1.47	---	---	2.48	---	1.72	---	---	---	---	---
MAX	9.9	14	---	---	40	---	14	---	---	---	---	---
MIN	0.54	0.65	---	---	0.61	---	0.57	---	---	---	---	---
MED	0.65	0.72	---	---	0.65	---	0.76	---	---	---	---	---
AC-FT	67	87	---	---	138	---	102	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	1.09	1.47	---	---	2.48	---	1.72	---	---	---	1.63	---
MAX	1.09	1.47	---	---	2.48	---	1.72	---	---	---	1.63	---
(WY)	2002	2002	---	---	2002	---	2002	---	---	---	2001	---
MIN	1.09	1.47	---	---	2.48	---	1.72	---	---	---	1.63	---
(WY)	2002	2002	---	---	2002	---	2002	---	---	---	2001	---

SUMMARY STATISTICS WATER YEARS 2001 - 2002

LOWEST DAILY MEAN	0.22	Aug 8	2002
ANNUAL SEVEN-DAY MINIMUM	0.22	Sep 4	2002
MAXIMUM PEAK STAGE	8.87	Jun 22	2001

e Estimated

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42* CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-12 09:01 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.49	1.57	1.52	1.49	1.54	1.52	1.63	1.58	1.49	1.57	1.45	1.43
2	1.49	1.57	1.52	1.50	1.51	2.23	1.58	1.49	1.49	1.62	1.42	1.43
3	1.49	1.57	1.52	1.60	1.51	1.73	1.54	1.73	1.49	1.54	1.42	1.42
4	1.49	1.58	1.52	1.52	1.50	1.53	1.54	2.64	1.60	1.47	1.42	1.42
5	1.49	1.58	1.52	1.51	1.50	1.52	1.53	1.59	1.60	1.46	1.42	1.42
6	1.64	1.59	1.52	1.88	2.27	1.52	1.52	1.55	1.86	1.46	1.42	1.42
7	1.50	1.59	1.52	1.52	1.75	1.51	1.52	1.53	1.56	1.46	1.44	1.41
8	1.49	1.59	1.51	1.49	1.55	1.51	1.52	1.52	1.50	1.45	1.42	1.41
9	1.49	1.60	1.51	1.55	1.53	1.57	1.55	---	1.49	1.45	1.42	1.42
10	1.50	1.60	1.94	1.55	1.52	1.51	1.53	1.70	1.48	1.46	1.42	1.42
11	1.52	1.60	1.58	1.50	1.52	1.51	1.52	1.54	1.48	1.47	1.42	1.42
12	1.51	1.60	1.53	1.53	1.51	1.81	1.82	1.52	1.47	1.48	1.43	1.42
13	1.51	1.57	1.70	1.49	1.51	1.71	1.66	1.66	1.47	1.59	1.42	1.59
14	1.77	1.56	1.66	1.49	1.51	1.53	1.57	1.52	1.74	1.49	1.42	1.87
15	1.51	1.56	1.51	1.49	1.51	1.52	1.52	1.51	1.54	1.46	1.54	1.85
16	1.52	1.58	1.51	1.49	1.51	1.52	1.52	1.50	1.49	1.45	1.85	1.47
17	1.51	1.55	1.81	1.49	1.51	1.55	1.52	1.50	1.48	1.44	1.52	1.47
18	1.52	1.56	1.57	1.52	1.51	1.51	1.52	1.71	1.48	1.44	1.56	1.95
19	1.52	1.56	1.50	2.39	1.51	1.51	1.51	1.50	1.47	1.44	1.45	1.45
20	1.52	1.56	1.50	1.61	1.60	1.60	1.51	1.50	1.47	1.44	1.44	1.45
21	1.52	1.56	1.50	1.79	1.51	1.75	1.52	1.50	1.47	1.47	1.50	1.77
22	1.53	1.56	1.49	1.74	1.51	1.52	1.51	1.49	1.47	1.47	1.45	1.49
23	1.53	1.85	1.85	1.79	1.51	1.52	1.51	1.49	1.77	1.72	1.43	1.46
24	1.54	1.57	1.55	2.01	1.51	1.52	1.51	1.49	1.49	1.51	1.43	1.46
25	1.55	1.53	1.50	1.80	1.52	1.53	1.56	1.49	1.49	1.46	1.43	1.74
26	1.54	1.53	1.49	1.55	1.52	1.82	1.49	1.51	1.50	1.51	1.47	1.73
27	1.55	1.53	1.50	1.53	1.52	1.55	1.49	1.49	1.55	1.45	1.46	1.65
28	1.56	1.53	1.50	1.52	1.53	1.51	1.52	1.49	1.51	1.44	1.50	1.47
29	1.57	1.53	1.50	1.52	---	1.51	1.54	1.49	1.48	1.44	1.43	1.45
30	1.57	1.72	1.49	1.52	---	2.49	1.64	1.49	1.48	1.44	1.43	1.45
31	1.57	---	1.49	1.51	---	1.96	---	1.49	---	1.59	1.43	---
MEAN	1.53	1.58	1.56	1.61	1.55	1.63	1.55	---	1.53	1.49	1.46	1.53
MAX	1.77	1.85	1.94	2.39	2.27	2.49	1.82	---	1.86	1.72	1.85	1.95
MIN	1.49	1.53	1.49	1.49	1.50	1.51	1.49	---	1.47	1.44	1.42	1.41

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42* CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-12 09:01 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.15	0.00	0.31	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.02	0.00	0.18	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.21	0.00	0.01	0.00	0.08	0.00	0.00
4	0.00	0.00	0.00	0.15	0.00	0.00	0.00	3.43	0.53	0.00	0.00	0.00
5	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
6	0.21	0.00	0.00	0.62	1.67	0.00	0.00	0.00	1.23	0.00	0.04	0.00
7	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.12	0.08	---	0.00	0.00	0.00	0.00
10	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.53	0.00	0.02	0.00	0.00
11	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
12	0.00	0.00	0.01	0.07	0.00	0.57	0.69	0.00	0.00	0.06	0.00	0.00
13	0.01	0.00	0.29	0.00	0.00	0.16	0.15	0.38	0.00	0.41	0.00	0.99
14	0.46	0.00	0.13	0.00	0.00	0.00	0.03	0.00	0.79	0.01	0.00	0.69
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.69
16	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	1.52	0.00
17	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.08	0.02
18	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.37	0.00	0.00	0.22	1.64
19	0.00	0.00	0.00	2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
20	0.00	0.00	0.00	0.00	0.17	0.34	0.00	0.00	0.00	0.00	0.00	0.15
21	0.00	0.00	0.00	0.47	0.00	0.21	0.00	0.00	0.00	0.05	0.43	0.81
22	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.37
23	0.00	0.65	0.68	0.10	0.00	0.00	0.00	0.00	0.61	1.09	0.00	0.01
24	0.00	0.03	0.00	1.38	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
25	0.03	0.02	0.00	0.06	0.00	0.00	0.12	0.00	0.04	0.00	0.00	0.71
26	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.14	0.05	0.29	0.06	0.49
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.01	0.00	0.57
28	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.02	0.00	0.07	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.04	0.00	0.01	0.00	0.00	0.00
30	0.00	0.36	0.00	0.00	---	2.72	0.05	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.49	---	0.00	---	0.28	0.00	---
TOTAL	0.76	1.06	2.80	6.39	2.01	7.17	1.34	---	3.62	2.89	2.86	7.14

APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02336030 NORTH FORK PEACHTREE CREEK AT GRAVES ROAD, NEAR DORAVILLE, GA

LOCATION.—Lat 33°54'20", long 84°13'30" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, at bridge at Graves Road, 0.3 miles east of Interstate 85.

DRAINAGE AREA.—1.42 mi^2.

COOPERATION.— Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.-- June 20, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD. –
SPECIFIC CONDUCTANCE: June 20, 2001 to current year.
WATER TEMPERATURE: June 20, 2001 to current year.
TURBIDITY: June 20, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good, except for turbidity records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD. –
SPECIFIC CONDUCTANCE: Maximum recorded, 1,370 microsiemens, January 3, 2002; minimum recorded, 12 microsiemens, July 25, 2001, May 4, 2002.
WATER TEMPERATURE: Maximum recorded, 27.8°C, July 31, 2002; minimum recorded, 3.2°C, January 4, 2002.
TURBIDITY: Maximum recorded, 1,541 NTU, February 17, 2002; minimum recorded, <2.0 NTU, on several days.

EXTREMES FOR 2001 WATER YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 127 microsiemens, June 21; minimum, 12 microsiemens, July 25.
WATER TEMPERATURE: Maximum, 27.6°C, August 13; minimum, 14.2°C, September 27
TURBIDITY: Maximum, 750 NTU, September 23; minimum, <2 NTU, Aug. 31, Sept. 1-3, Sept. 5-10

EXTREMES FOR CURRENT YEAR.—
SPECIFIC CONDUCTANCE: Maximum, 1,370 microsiemens, January 3; minimum, 12 microsiemens, May 4.
WATER TEMPERATURE: Maximum, 27.8°C, July 31; minimum, 3.2°C, January 4.
TURBIDITY: Maximum, 1,541 NTU, February 17; minimum, <2.0 NTU, December 27, January 5, 6, 14.

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 10:50 By ceoberst
APPROVED
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
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MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 10:50 By ceoberst
APPROVED
DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
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DD #5, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	99	96	97	---	---	---	106	79	98
2	---	---	---	98	49	87	---	---	---	98	60	89
3	---	---	---	91	51	79	---	---	---	95	24	84
4	---	---	---	88	36	72	99	94	96	67	27	55
5	---	---	---	91	49	79	101	96	98	83	65	77
6	---	---	---	97	91	95	96	73	92	87	83	85
7	---	---	---	104	97	102	94	88	92	89	86	88
8	---	---	---	104	101	102	95	93	94	94	89	91
9	---	---	---	112	82	98	94	92	93	94	91	92
10	---	---	---	98	96	97	94	92	93	96	91	93
11	---	---	---	98	97	97	101	88	94	95	93	94
12	---	---	---	99	97	97	104	54	96	95	93	94
13	---	---	---	99	97	98	94	45	75	96	94	95
14	---	---	---	99	92	95	85	73	82	96	95	96
15	---	---	---	97	95	96	88	84	86	96	94	95
16	---	---	---	97	91	95	88	85	87	95	95	95
17	---	---	---	97	94	96	88	87	87	96	94	95
18	---	---	---	119	93	98	87	86	87	97	95	96
19	---	---	---	119	94	100	91	87	89	122	95	102
20	106	100	102	97	93	95	89	87	88	122	98	104
21	127	98	106	97	91	94	89	87	88	98	94	96
22	108	22	69	100	93	95	92	87	88	96	94	95
23	---	---	---	100	94	97	90	87	88	98	55	91
24	---	---	---	100	41	95	88	84	86	98	21	43
25	---	---	---	62	12	38	84	83	83	41	30	36
26	103	99	100	84	62	76	88	83	87	47	41	44
27	105	98	100	86	83	85	87	86	86	50	47	48
28	103	100	101	89	83	86	88	86	87	57	50	52
29	102	99	100	85	36	72	124	87	91	64	57	60
30	99	97	98	---	---	---	124	95	105	72	64	67
31	---	---	---	---	---	---	95	92	94	---	---	---
MONTH	127	22	97	119	12	90	124	45	90	122	21	82
YEAR	127	12	88									

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	88	72	79	95	94	94	105	99	103	93	93	93
2	98	88	94	98	94	95	104	102	103	97	93	94
3	98	95	96	99	98	98	102	99	101	1370	95	511
4	98	96	97	101	98	99	99	96	97	681	183	357
5	108	96	98	98	96	96	98	95	96	236	132	174
6	114	60	91	96	94	95	97	94	95	382	118	145
7	92	91	92	100	96	97	96	89	93	145	114	123
8	102	91	94	98	94	96	93	88	90	114	107	110
9	94	92	92	97	95	96	91	88	90	122	103	115
10	97	92	94	97	95	96	89	43	66	119	109	113
11	134	89	93	97	94	96	88	60	78	109	102	106
12	94	91	93	96	94	95	94	87	90	110	97	103
13	95	91	93	98	95	96	101	36	79	109	103	105
14	92	50	72	102	98	100	87	64	78	103	100	102
15	94	82	87	100	98	99	91	86	90	106	99	102
16	97	89	93	99	96	98	98	91	94	102	98	100
17	102	94	99	99	96	98	94	28	78	101	97	99
18	95	92	94	99	96	97	87	58	76	110	83	97
19	97	92	93	98	97	98	92	85	88	101	20	64
20	93	91	92	101	98	100	92	89	90	91	54	80
21	93	91	92	100	97	99	96	90	92	93	31	67
22	93	91	92	98	96	97	102	95	96	93	21	82
23	96	93	94	122	59	88	104	30	67	90	26	65
24	138	93	108	91	77	87	86	56	76	99	21	77
25	137	118	130	95	91	93	91	86	89	92	29	70
26	118	100	108	98	93	95	93	91	92	100	92	97
27	100	96	98	100	96	98	95	92	93	100	99	100
28	97	95	96	101	96	98	93	93	93	101	100	100
29	97	95	96	96	94	95	94	92	93	103	99	100
30	97	95	96	99	44	82	93	92	93	101	99	100
31	95	94	95	---	---	---	93	92	93	103	98	100
MONTH	138	50	95	122	44	96	105	28	89	1370	20	121

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	111	98	104	94	91	93	89	44	64	88	60	76
2	104	99	101	93	18	51	105	76	90	93	87	90
3	100	97	99	81	45	64	---	---	---	92	38	74
4	99	98	99	99	81	88	---	---	---	75	12	45
5	100	98	99	98	90	92	---	---	---	86	64	78
6	148	21	53	97	90	92	---	---	---	91	86	89
7	95	43	67	118	90	99	---	---	---	105	91	94
8	98	92	95	95	90	92	---	---	---	105	95	97
9	99	97	98	98	80	90	---	---	---	96	50	88
10	100	99	99	92	90	91	---	---	---	86	30	70
11	102	96	100	95	90	92	---	---	---	88	63	78
12	99	95	96	96	35	69	102	35	72	92	87	89
13	97	94	95	81	31	66	86	50	73	97	32	78
14	96	92	94	89	81	86	90	57	80	95	67	83
15	102	92	94	91	86	88	97	90	93	94	90	91
16	101	93	94	91	86	89	107	94	97	98	92	94
17	94	92	93	95	60	85	99	94	96	118	92	94
18	95	92	93	96	91	94	153	89	104	118	35	64
19	98	91	93	97	92	95	99	93	96	89	79	86
20	113	77	96	98	47	92	98	92	95	94	87	90
21	99	93	95	83	41	64	121	98	109	95	91	92
22	95	92	94	93	83	88	117	97	103	98	92	93
23	95	90	92	94	90	92	100	93	97	95	90	92
24	93	89	91	94	88	92	103	93	95	98	90	92
25	92	89	91	93	87	92	129	95	107	96	89	91
26	93	90	92	95	25	71	109	98	101	104	87	95
27	93	90	91	95	61	80	99	95	97	101	90	94
28	113	88	95	100	90	93	105	84	94	95	91	92
29	---	---	---	94	90	92	102	76	95	94	89	92
30	---	---	---	94	18	48	96	55	80	94	92	93
31	---	---	---	150	33	66	---	---	---	98	91	94
MONTH	148	21	93	150	18	83	153	35	92	118	12	86

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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	96	91	93	93	67	85	90	71	81	91	88	90
2	94	89	92	97	51	83	96	89	91	91	87	90
3	94	88	91	99	58	79	92	91	91	95	88	91
4	95	48	89	99	89	91	105	91	96	95	89	92
5	88	48	73	99	93	95	99	93	95	94	88	91
6	105	25	74	100	93	96	97	91	93	91	88	90
7	81	50	69	97	90	94	232	92	132	91	88	90
8	88	81	85	97	93	95	220	113	160	91	87	90
9	91	88	89	108	94	97	113	102	106	99	88	91
10	105	90	94	108	95	98	104	95	99	93	89	91
11	104	93	97	105	96	100	98	93	96	95	89	92
12	97	92	94	102	90	97	115	92	96	98	90	93
13	100	93	96	101	43	90	99	91	95	172	22	95
14	98	35	75	91	75	86	99	91	94	52	21	40
15	83	63	77	95	90	92	97	50	90	61	28	44
16	90	83	87	95	92	93	85	22	65	84	61	75
17	98	90	92	97	92	94	---	---	---	90	73	84
18	97	90	92	114	92	96	---	---	---	80	17	31
19	103	92	96	111	92	97	---	---	---	52	40	47
20	108	92	98	107	90	95	94	89	91	57	46	54
21	104	92	96	108	89	94	94	49	86	46	21	32
22	97	92	94	108	93	97	97	76	92	53	32	43
23	100	28	64	96	40	84	99	94	95	63	51	55
24	84	64	77	93	67	80	99	93	95	63	51	60
25	90	84	87	92	88	89	94	92	93	63	27	41
26	91	84	87	93	55	85	110	84	95	40	22	33
27	99	47	88	98	88	91	98	78	90	46	27	37
28	94	61	84	93	91	92	91	59	77	58	46	51
29	93	90	91	96	85	92	89	82	85	74	58	65
30	93	91	92	100	92	94	91	86	89	95	74	80
31	---	---	---	96	42	83	92	88	90	---	---	---
MONTH	108	25	87	114	40	91	232	22	95	172	17	69
YEAR	1370	12	91									

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 10:42 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	24.2	20.5	21.9	24.7	21.7	23.0	22.5	21.3	21.9
2	---	---	---	26.8	20.7	22.7	23.8	21.4	22.4	23.4	21.1	22.1
3	---	---	---	25.0	22.5	23.5	24.0	21.2	22.2	23.9	21.7	22.4
4	---	---	---	27.4	22.1	23.6	23.7	21.4	22.3	24.3	22.5	23.1
5	---	---	---	24.9	21.3	22.7	24.5	22.0	23.0	24.4	21.7	22.9
6	---	---	---	25.4	20.3	22.3	25.6	21.7	23.0	24.3	21.5	22.7
7	---	---	---	23.9	20.5	21.9	24.9	22.2	23.2	24.2	21.6	22.6
8	---	---	---	25.4	20.8	22.6	24.6	22.0	23.0	23.7	21.0	22.0
9	---	---	---	25.8	21.7	23.4	25.1	22.0	23.4	23.8	21.0	22.2
10	---	---	---	25.1	22.1	23.3	25.5	22.2	23.5	24.2	21.5	22.6
11	---	---	---	26.0	21.8	23.6	25.2	22.0	23.2	23.8	21.6	22.5
12	---	---	---	25.6	22.0	23.4	25.6	22.4	23.5	23.5	21.1	22.2
13	---	---	---	25.4	21.7	23.0	27.6	23.2	24.6	23.1	19.6	21.1
14	---	---	---	23.7	21.2	22.3	25.0	22.8	23.7	22.5	19.4	20.8
15	---	---	---	23.6	20.5	21.8	25.2	21.9	23.3	20.6	17.6	18.9
16	---	---	---	23.1	20.2	21.5	25.2	22.2	23.3	20.1	16.4	18.0
17	---	---	---	24.0	20.1	21.8	25.0	21.9	23.2	20.4	16.7	18.2
18	---	---	---	24.7	20.4	22.2	25.7	22.1	23.4	20.4	16.7	18.4
19	---	---	---	24.2	21.0	22.5	24.9	21.7	23.0	20.7	18.4	19.6
20	23.1	19.7	21.3	23.6	21.6	22.4	24.5	21.5	22.8	22.3	19.8	20.7
21	22.6	19.8	21.3	23.8	21.3	22.2	24.3	20.0	21.8	21.9	18.2	19.9
22	23.8	20.5	21.4	25.0	20.4	22.2	24.1	19.8	21.6	22.0	18.3	20.0
23	23.2	19.8	21.2	25.6	20.4	22.5	23.8	20.3	21.9	25.0	19.1	21.2
24	22.6	19.0	20.5	27.3	21.5	22.9	25.1	20.9	22.7	22.1	19.1	20.9
25	22.3	19.1	20.4	26.3	23.2	24.1	24.9	21.6	23.0	19.1	16.0	17.6
26	23.1	19.6	20.8	25.5	22.3	23.5	24.7	21.3	22.8	18.0	14.5	16.1
27	24.0	19.7	21.4	---	---	---	24.6	21.4	25.0	18.2	14.2	16.2
28	23.7	20.0	21.5	23.0	21.8	22.4	---	---	---	18.9	15.0	16.8
29	24.6	20.5	22.0	26.8	21.7	23.3	23.4	21.4	22.2	18.0	15.2	16.4
30	23.2	20.6	21.6	26.5	22.5	23.8	22.8	21.6	22.1	17.6	14.7	16.0
31	---	---	---	25.5	22.7	23.7	22.5	21.3	21.9	---	---	---
MONTH	24.6	19.0	21.2	27.4	20.1	22.8	27.6	19.8	22.9	25.0	14.2	20.2
YEAR	27.6	14.2	21.9									

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 11:23 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18.0	14.6	16.1	16.3	12.9	14.4	14.7	12.7	13.6	6.1	3.9	5.1
2	18.6	14.7	16.5	17.2	14.4	15.6	14.6	11.7	13.1	5.9	4.9	5.5
3	18.9	15.1	16.8	17.8	15.6	16.5	13.9	11.8	12.7	6.7	4.0	5.5
4	19.1	15.5	17.1	16.7	14.6	15.7	13.6	10.6	12.1	7.1	3.2	4.8
5	18.7	16.2	17.4	15.5	12.6	14.1	14.5	10.5	12.3	8.0	3.5	5.7
6	20.8	15.4	18.3	14.1	11.5	12.8	15.7	12.6	14.1	7.5	4.0	6.3
7	16.7	13.7	15.1	14.0	10.3	12.1	16.2	12.9	14.6	6.9	5.5	6.5
8	15.8	13.2	14.3	14.6	11.1	12.8	16.4	13.5	15.1	6.8	4.4	5.4
9	15.3	12.6	14.0	15.0	12.0	13.4	15.5	14.2	14.8	8.3	4.7	6.5
10	16.9	13.4	15.2	14.6	11.7	13.0	14.2	10.0	11.7	10.7	7.1	8.9
11	19.7	16.2	17.5	14.2	11.1	12.5	12.7	10.7	11.8	12.5	9.1	11.0
12	19.9	17.8	18.6	14.4	11.9	12.9	13.1	12.2	12.7	10.5	7.7	8.8
13	20.3	18.5	19.3	13.0	11.1	12.0	14.5	13.0	13.9	9.1	6.8	7.9
14	20.7	17.7	19.7	13.8	11.0	12.1	17.1	13.9	15.6	9.8	7.0	8.3
15	18.3	15.7	16.9	14.0	11.0	12.4	13.9	11.5	12.9	9.8	7.6	8.5
16	16.2	13.3	15.0	14.5	10.5	12.3	13.5	11.6	12.6	9.5	6.4	7.8
17	14.2	11.9	12.9	14.3	10.8	12.5	16.7	12.7	14.0	10.3	6.2	8.3
18	14.2	11.3	12.6	14.6	11.8	13.1	14.8	11.7	13.3	12.1	9.2	10.5
19	15.2	11.9	13.5	14.5	11.6	13.0	12.1	9.9	11.2	10.7	8.0	9.4
20	16.8	13.4	15.0	14.1	11.0	13.1	11.4	8.5	9.6	10.0	7.3	8.6
21	17.6	14.3	15.8	11.9	9.5	10.5	9.7	7.4	8.5	10.7	7.6	9.3
22	18.6	15.3	16.8	12.9	9.4	11.0	9.7	7.1	8.5	11.5	7.3	9.0
23	19.0	16.3	17.4	14.3	11.8	12.9	12.2	8.7	10.0	11.7	8.6	10.3
24	19.0	16.2	17.7	16.7	14.3	15.5	10.9	7.5	8.8	15.3	11.6	13.3
25	18.8	14.8	17.0	17.6	14.5	16.4	8.3	6.1	7.2	13.0	10.9	12.2
26	14.8	12.3	13.7	16.6	13.3	14.9	6.7	4.9	5.6	11.9	9.0	10.4
27	12.3	10.1	11.2	18.0	15.2	16.4	6.5	4.5	5.5	12.0	8.5	10.3
28	11.7	8.9	10.2	17.9	15.4	16.5	8.8	6.0	7.4	13.6	9.7	11.5
29	12.6	8.8	10.6	18.0	15.6	16.6	10.8	7.7	9.1	15.6	11.3	13.3
30	13.4	9.6	11.4	17.1	14.4	16.1	7.7	5.8	6.4	16.4	12.8	14.4
31	13.9	10.8	12.3	---	---	---	6.6	5.2	5.8	17.0	13.9	15.4
MONTH	20.8	8.8	15.4	18.0	9.4	13.8	17.1	4.5	11.1	17.0	3.2	9.0

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 11:23 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.1	12.0	15.1	9.5	4.1	6.8	19.2	14.4	16.5	19.4	16.5	17.9
2	12.0	8.9	10.5	9.2	6.3	7.9	20.3	13.7	16.7	23.1	18.1	20.2
3	10.5	9.0	9.7	9.9	6.2	8.9	20.8	14.9	17.5	20.3	18.9	19.7
4	10.1	7.0	8.7	7.9	4.4	5.8	17.7	12.2	14.6	18.9	13.6	16.1
5	8.2	5.9	7.1	9.9	4.1	6.8	17.6	11.4	14.0	18.9	15.3	16.6
6	8.3	4.6	5.8	12.1	5.9	8.8	16.8	10.7	13.5	19.7	15.9	17.7
7	7.9	6.1	7.3	13.8	7.8	10.6	17.0	10.9	13.8	21.5	17.3	19.1
8	10.7	6.5	8.4	14.8	9.4	12.1	18.3	13.6	15.6	22.8	18.3	20.1
9	11.9	7.2	9.5	16.9	12.8	14.3	17.4	15.6	16.4	23.3	18.8	20.8
10	14.4	10.8	12.4	13.2	9.0	11.0	19.7	15.7	17.2	22.6	19.6	21.1
11	11.9	8.9	10.3	13.2	7.5	10.3	17.6	16.3	16.8	21.3	19.1	20.3
12	10.9	7.0	8.9	12.1	10.2	11.3	18.7	16.0	17.1	21.1	18.4	19.6
13	11.7	8.8	9.8	14.7	11.4	12.8	18.7	16.5	17.3	23.9	18.3	20.5
14	11.5	7.5	9.4	17.2	10.9	13.9	19.6	16.8	17.9	20.0	15.3	17.5
15	12.4	8.1	10.2	17.5	12.0	14.7	20.7	16.5	18.5	20.6	14.7	17.3
16	13.1	10.1	11.2	19.0	14.9	16.6	20.9	16.9	18.8	21.5	15.5	18.1
17	11.6	8.5	9.8	19.9	15.1	17.2	22.7	17.4	19.7	22.2	17.4	19.6
18	11.4	6.9	9.0	20.3	15.6	17.6	22.7	18.0	20.0	20.9	16.3	19.5
19	12.1	7.0	9.6	18.4	15.6	16.7	23.4	17.8	20.3	19.1	14.8	16.5
20	13.4	10.4	11.9	18.6	15.1	16.6	23.4	18.8	20.7	18.8	14.0	15.7
21	14.3	10.2	12.1	18.9	13.9	16.2	23.5	18.6	20.8	17.9	13.5	15.4
22	12.8	9.3	10.9	13.9	8.8	11.2	20.8	16.8	19.0	18.5	13.6	15.6
23	12.0	7.2	9.6	14.2	7.5	10.6	20.5	14.7	17.3	19.8	13.4	16.2
24	12.8	7.7	10.1	16.0	8.8	12.4	20.9	15.8	18.0	21.0	14.4	17.3
25	13.8	8.5	11.0	18.4	12.1	15.2	21.1	16.3	18.6	21.3	15.8	18.3
26	13.4	8.2	11.3	18.5	15.2	16.5	16.3	14.2	15.1	22.6	17.3	19.3
27	8.2	4.7	6.1	16.7	12.1	14.2	16.7	14.4	15.6	22.3	18.2	19.9
28	9.6	3.6	5.7	16.8	10.0	13.2	21.5	16.3	18.7	23.4	18.1	20.2
29	---	---	---	18.2	11.8	14.9	22.0	17.7	19.5	22.5	18.1	20.1
30	---	---	---	19.0	15.7	16.9	17.7	16.0	16.8	22.6	18.5	20.2
31	---	---	---	19.8	15.8	17.1	---	---	---	24.0	19.2	21.1
MONTH	16.1	3.6	9.7	20.3	4.1	12.9	23.5	10.7	17.4	24.0	13.4	18.6

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 11:23 By ceoberst
APPROVED
DD #4, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.8	19.5	21.9	26.3	22.1	23.7	26.8	22.9	24.5	23.8	20.3	21.6
2	25.8	20.0	22.4	25.7	21.3	23.3	26.9	22.4	24.2	24.4	20.7	22.0
3	26.3	20.5	22.9	25.7	22.1	23.3	26.5	22.1	23.8	25.1	20.6	22.4
4	26.3	21.0	23.1	25.8	21.1	23.1	26.5	21.5	23.5	25.4	21.1	22.9
5	25.1	21.4	23.1	25.6	21.5	23.2	27.1	21.7	23.9	26.1	21.5	23.3
6	27.6	21.1	22.7	26.3	21.7	23.8	25.8	22.1	23.9	25.8	21.9	23.2
7	24.9	21.6	22.8	26.0	22.0	23.4	24.8	21.4	23.0	24.4	20.9	22.3
8	24.3	20.8	22.1	26.3	21.9	23.5	25.9	20.8	22.8	24.2	20.5	21.9
9	24.2	19.1	21.2	25.3	21.2	22.9	25.2	20.4	22.4	24.7	19.8	21.6
10	24.4	18.7	21.1	26.6	21.7	23.6	25.5	20.4	22.4	24.2	19.3	21.4
11	25.4	19.0	21.7	24.3	21.7	22.5	25.2	20.1	22.1	24.3	19.6	21.7
12	25.1	19.2	21.7	21.7	20.2	21.0	24.9	20.1	22.3	24.1	20.5	21.9
13	24.8	19.5	22.0	24.6	20.3	21.5	25.5	20.6	22.7	23.1	20.3	21.3
14	24.6	20.9	22.2	25.4	21.9	23.2	25.9	21.7	23.2	24.1	22.2	22.7
15	22.7	19.7	21.0	26.4	21.4	23.4	27.4	21.7	24.0	24.4	21.7	22.7
16	22.4	18.3	20.2	26.9	21.8	23.8	26.2	23.4	24.6	24.4	21.4	22.7
17	23.6	18.9	20.8	27.0	22.1	24.1	---	---	---	24.3	21.8	22.8
18	24.0	19.1	21.2	27.0	22.3	24.2	---	---	---	23.4	22.3	22.7
19	23.6	19.9	21.4	27.1	21.9	24.0	---	---	---	22.6	21.7	22.2
20	24.7	20.0	21.9	27.4	22.1	24.2	25.9	22.0	23.7	23.5	21.7	22.5
21	23.7	19.8	21.3	26.8	22.3	24.0	27.8	22.4	24.6	24.9	22.9	23.5
22	21.9	19.5	20.6	27.4	22.0	24.2	25.5	23.3	24.3	23.4	22.0	22.6
23	26.4	20.5	22.7	26.8	22.3	24.1	26.4	22.5	24.2	23.0	21.6	22.1
24	25.0	21.6	22.9	26.0	22.8	23.7	26.8	22.6	24.3	22.6	20.9	21.5
25	24.3	21.5	22.3	24.3	22.5	23.1	26.4	22.8	24.1	21.0	18.0	19.6
26	23.7	21.3	22.1	27.5	22.2	23.7	25.9	22.3	23.6	21.7	18.3	19.5
27	25.4	21.2	22.8	25.7	22.6	23.8	24.8	21.8	23.0	22.3	20.9	21.7
28	23.2	21.4	22.2	26.4	22.2	23.9	24.2	22.2	22.9	21.7	19.7	20.7
29	24.8	21.1	22.5	27.2	22.4	24.4	24.0	21.2	22.2	21.3	19.9	20.7
30	25.0	21.3	22.8	26.8	22.6	24.2	22.8	21.2	21.9	21.8	20.1	20.7
31	---	---	---	27.8	22.2	24.3	22.2	20.9	21.4	---	---	---
MONTH	27.6	18.3	22.0	27.8	20.2	23.5	27.8	20.1	23.3	26.1	18.0	21.9
YEAR	27.8	3.2	16.5									

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 11:07 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 11:07 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 11:07 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	27	7.9	9.6	20	4.2	6.0	134	<2.0	4.5
2	---	---	---	660	8.6	16	17	3.8	5.0	158	<2.0	3.6
3	---	---	---	347	34	56	13	4.0	4.9	449	<2.0	6.5
4	---	---	---	370	15	29	112	3.8	5.0	449	14	26
5	---	---	---	96	20	25	70	4.4	5.8	24	<2.0	3.7
6	---	---	---	24	11	15	117	4.9	9.2	4.6	<2.0	<2.0
7	---	---	---	15	4.8	6.1	16	4.1	6.1	2.0	<2.0	<2.0
8	---	---	---	17	3.8	5.4	10	3.3	5.3	16	<2.0	2.3
9	---	---	---	222	4.2	6.1	15	3.8	5.1	2.7	<2.0	<2.0
10	---	---	---	30	4.0	8.6	24	3.4	4.5	8.8	<2.0	2.2
11	---	---	---	25	4.3	6.2	302	2.7	3.7	14	3.3	4.5
12	---	---	---	15	4.6	6.5	113	3.5	4.8	13	3.1	5.0
13	---	---	---	14	4.8	5.8	399	4.8	23	15	3.5	5.4
14	---	---	---	11	5.5	6.9	22	5.5	9.5	6.3	2.3	4.7
15	---	---	---	13	5.7	7.7	10	4.5	5.9	6.2	3.0	3.6
16	---	---	---	26	7.0	11	14	3.7	4.9	8.6	2.9	4.0
17	---	---	---	20	6.4	11	13	2.5	3.8	7.0	3.0	3.9
18	---	---	---	---	---	---	7.1	2.2	2.9	12	2.6	4.0
19	9.9	5.9	7.3	---	---	---	41	3.4	5.3	312	2.6	4.1
20	15	5.5	6.9	---	---	---	12	3.4	4.8	51	2.1	5.7
21	23	5.5	10	---	---	---	18	4.4	5.5	8.6	2.8	4.5
22	---	---	---	---	---	---	21	4.1	6.4	12	2.6	3.6
23	---	---	---	58	9.5	13	---	---	---	750	4.1	24
24	---	---	---	671	9.4	20	18	4.2	9.9	395	13	31
25	---	---	---	642	30	90	48	9.8	12	20	6.2	9.7
26	30	5.2	12	33	9.7	15	16	5.5	7.9	32	4.9	7.0
27	17	5.8	6.7	---	---	---	---	---	---	29	3.5	5.1
28	22	5.5	6.9	56	4.1	5.9	---	---	---	15	3.6	5.5
29	19	6.8	8.8	432	5.8	8.2	174	2.4	4.3	10	4.7	7.5
30	23	7.2	12	124	7.2	16	134	<2.0	8.0	21	7.9	14
31	---	---	---	20	4.8	8.1	15	<2.0	<2.0	---	---	---
MAX	30	7.2	12	671	34	90	399	9.8	23	750	14	31
MIN	9.9	5.2	6.7	11	3.8	5.4	7.1	<2.0	<2.0	2.0	<2.0	<2.0

YEAR			
	MAX	MAXIMUM 750	MINIMUM 2.0
	MIN	MAXIMUM 34	MINIMUM <2.0
	MEDIAN	MAXIMUM 90	MINIMUM <2.0

< Actual value is known to be less than the value shown

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 12:09 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	37	14	20	54	17	26	15	5.7	7.7	5.2	2.4	2.8
2	---	---	---	46	21	32	9.5	<5.0	5.7	34	2.9	14
3	20	5.4	7.2	51	23	32	11	<5.0	5.0	82	8.7	31
4	14	5.0	7.4	---	---	---	13	<5.0	5.8	27	2.8	12
5	41	5.6	6.6	---	---	---	26	5.3	5.8	19	<2.0	<2.0
6	309	6.8	20	---	---	---	17	<5.0	5.8	216	<2.0	18
7	10	5.8	6.9	---	---	---	36	<5.0	7.9	28	3.1	5.6
8	56	<5.0	6.1	---	---	---	8.8	<5.0	<5.0	30	2.5	3.3
9	29	5.3	7.6	---	---	---	8.6	<5.0	<5.0	23	2.7	11
10	73	9.3	22	---	---	---	498	<5.0	41	25	9.8	14
11	---	---	---	---	---	---	31	6.1	11	33	4.0	10
12	---	---	---	---	---	---	12	<5.0	6.4	71	3.1	6.2
13	---	---	---	---	---	---	261	3.1	12	8.3	2.5	3.2
14	---	---	---	---	---	---	63	5.5	12	14	<2.0	3.4
15	12	5.9	7.0	---	---	---	14	2.5	3.3	31	2.4	3.8
16	24	<5.0	6.0	---	---	---	32	2.5	3.0	37	2.6	4.6
17	29	<5.0	5.2	---	---	---	577	4.0	11	22	2.7	4.3
18	16	<5.0	5.2	---	---	---	68	9.0	16	86	3.7	11
19	13	<5.0	5.4	---	---	---	12	4.5	6.0	301	4.1	44
20	6.7	<5.0	5.3	---	---	---	---	---	---	39	6.7	16
21	6.7	<5.0	5.4	---	---	---	---	---	---	89	7.0	23
22	15	<5.0	6.0	---	---	---	11	3.2	4.0	191	6.2	9.7
23	26	<5.0	<5.0	---	---	---	244	3.0	25	150	9.4	22
24	18	<5.0	5.4	25	7.8	11	25	4.2	7.5	152	5.0	11
25	42	<5.0	11	10	5.3	7.0	5.3	3.2	3.6	127	9.9	25
26	---	---	---	18	<5.0	5.9	4.0	2.0	2.6	12	4.0	5.8
27	---	---	---	20	<5.0	<5.0	9.4	<2.0	2.3	5.8	3.3	4.1
28	---	---	---	21	<5.0	<5.0	26	2.2	3.0	21	3.3	4.3
29	28	11	15	13	<5.0	<5.0	6.8	2.6	3.5	15	3.9	4.8
30	25	14	18	170	<5.0	18	7.9	2.8	3.4	13	3.6	5.7
31	35	13	21	---	---	---	8.8	2.9	3.2	16	4.0	6.6
MAX	309	14	22	170	23	32	577	9.0	41	301	9.9	44
MIN	6.7	<5.0	<5.0	10	<5.0	<5.0	4.0	<2.0	2.3	5.2	<2.0	<2.0

< Actual value is known to be less than the value shown

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 12:09 By ceoberst
APPROVED
DD #6, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	140	4.0	8.2	208	<5.0	6.1	51	12	25	34	<5.0	10
2	8.0	2.7	4.1	734	<5.0	45	53	9.6	29	20	<5.0	<5.0
3	22	2.2	3.1	38	<5.0	14	65	12	24	754	<5.0	17
4	18	2.2	3.5	127	<5.0	<5.0	56	13	24	650	9.4	50
5	29	2.0	4.9	28	<5.0	<5.0	65	11	22	24	8.1	11
6	192	2.6	57	52	<5.0	<5.0	54	10	21	49	5.2	7.7
7	30	6.4	16	30	<5.0	5.4	---	---	---	20	<5.0	6.6
8	147	2.9	4.4	53	<5.0	5.0	---	---	---	40	<5.0	5.7
9	427	2.2	3.1	210	<5.0	16	---	---	---	---	---	---
10	236	2.0	2.8	18	<5.0	<5.0	---	---	---	837	6.0	15
11	19	<5.0	<5.0	---	---	---	---	---	---	34	6.1	11
12	968	<5.0	<5.0	---	---	---	240	<5.0	15	9.4	<5.0	6.3
13	398	<5.0	<5.0	---	---	---	29	<5.0	9.1	391	<5.0	5.3
14	846	<5.0	<5.0	---	---	---	14	<5.0	5.3	22	5.4	9.3
15	1050	<5.0	5.7	---	---	---	24	<5.0	<5.0	16	<5.0	6.0
16	840	<5.0	<5.0	---	---	---	37	<5.0	5.9	26	<5.0	5.7
17	1540	<5.0	<5.0	---	---	---	17	<5.0	<5.0	64	<5.0	<5.0
18	100	<5.0	<5.0	---	---	---	26	<5.0	<5.0	112	6.6	15
19	763	<5.0	<5.0	---	---	---	36	<5.0	5.3	11	<5.0	5.2
20	276	<5.0	22	---	---	---	25	<5.0	<5.0	32	<5.0	<5.0
21	906	<5.0	6.8	---	---	---	14	<5.0	5.0	11	<5.0	<5.0
22	185	<5.0	<5.0	---	---	---	---	---	---	14	<5.0	5.0
23	67	<5.0	5.0	37	<5.0	<5.0	---	---	---	23	<5.0	<5.0
24	953	<5.0	14	9.2	<5.0	<5.0	31	<5.0	5.5	14	<5.0	5.7
25	---	---	---	52	<5.0	<5.0	360	<5.0	14	13	<5.0	<5.0
26	---	---	---	550	<5.0	27	28	<5.0	5.5	94	<5.0	6.2
27	---	---	---	28	<5.0	9.7	14	<5.0	<5.0	28	6.2	7.3
28	---	---	---	23	<5.0	<5.0	152	<5.0	<5.0	28	6.7	9.5
29	---	---	---	54	<5.0	9.7	145	<5.0	16	20	5.1	8.4
30	---	---	---	564	8.3	66	116	<5.0	18	31	<5.0	7.8
31	---	---	---	211	23	51	---	---	---	26	5.2	6.5
MAX	1540	6.4	57	734	23	66	360	13	29	837	9.4	50
MIN	8.0	2.0	2.8	9.2	<5.0	<5.0	14	<5.0	<5.0	9.4	<5.0	<5.0

< Actual value is known to be less than the value shown

STATION NUMBER 02336030 N.F. PEACHTREE CREEK AT GRAVES RD, NR DORAVILLE,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 335420 LONGITUDE 0841330 NAD27 DRAINAGE AREA 1.42 CONTRIBUTING DRAINAGE AREA DATUM 950.00 NGVD29
Date Processed: 2003-03-14 12:09 By ceoberst
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TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27	<5.0	5.6	307	<5.0	14	23	<5.0	9.4	7.0	<5.0	<5.0
2	10	<5.0	5.3	1560	<5.0	13	34	<5.0	5.3	34	<5.0	5.4
3	25	5.0	6.4	518	9.9	18	---	---	---	9.8	<5.0	<5.0
4	976	5.3	7.7	11	5.5	6.5	---	---	---	32	<5.0	5.8
5	787	5.1	12	28	<5.0	6.2	---	---	---	14	<5.0	<5.0
6	926	6.0	15	37	<5.0	6.4	45	<5.0	<5.0	6.0	<5.0	<5.0
7	47	6.5	16	13	5.1	6.3	45	<5.0	12	5.5	<5.0	<5.0
8	16	5.4	7.2	29	<5.0	6.6	49	<5.0	24	7.2	<5.0	<5.0
9	8.4	<5.0	5.2	38	<5.0	7.1	30	<5.0	5.5	20	<5.0	5.2
10	26	<5.0	5.4	73	5.0	8.2	45	<5.0	<5.0	25	<5.0	5.2
11	22	<5.0	7.0	48	6.4	18	33	<5.0	<5.0	24	<5.0	6.8
12	18	<5.0	6.0	35	<5.0	6.0	45	<5.0	<5.0	30	<5.0	7.1
13	22	<5.0	7.3	495	<5.0	11	56	<5.0	<5.0	354	<5.0	12
14	436	5.9	18	32	<5.0	<5.0	23	<5.0	<5.0	474	12	36
15	20	9.2	14	67	<5.0	<5.0	615	<5.0	8.0	64	5.5	17
16	21	6.5	12	44	<5.0	<5.0	589	5.3	20	25	<5.0	5.6
17	19	<5.0	6.9	29	<5.0	<5.0	---	---	---	77	<5.0	9.0
18	20	<5.0	6.3	19	<5.0	8.4	---	---	---	798	7.1	21
19	22	<5.0	5.6	21	<5.0	5.8	---	---	---	---	---	---
20	26	<5.0	6.7	26	<5.0	<5.0	40	<5.0	<5.0	---	---	---
21	25	<5.0	7.1	108	<5.0	<5.0	135	<5.0	12	275	9.9	23
22	21	<5.0	5.2	62	7.6	18	20	<5.0	7.5	23	<5.0	7.9
23	582	17	50	618	<5.0	16	25	<5.0	<5.0	21	<5.0	6.2
24	29	<5.0	9.9	44	9.2	16	20	<5.0	<5.0	58	<5.0	6.5
25	26	<5.0	9.6	45	<5.0	<5.0	5.3	<5.0	<5.0	65	<5.0	21
26	19	<5.0	6.5	225	<5.0	16	173	<5.0	5.5	87	7.0	17
27	211	<5.0	10	26	<5.0	<5.0	43	<5.0	11	73	<5.0	8.5
28	45	5.3	10	8.2	<5.0	<5.0	130	<5.0	16	11	<5.0	<5.0
29	11	<5.0	5.8	30	<5.0	6.7	52	<5.0	7.5	29	<5.0	<5.0
30	6.7	<5.0	5.2	27	<5.0	<5.0	52	---	---	75	<5.0	<5.0
31	---	---	---	451	<5.0	11	31	<5.0	<5.0	---	---	---
MAX	976	17	50	1560	9.9	18	615	5.3	24	798	12	36
MIN	6.7	<5.0	5.2	8.2	<5.0	<5.0	5.3	<5.0	<5.0	5.5	<5.0	<5.0

YEAR MAX MAXIMUM 1560 MINIMUM 4.0
MIN MAXIMUM 23 MINIMUM <2.0
MEDIAN MAXIMUM 66 MINIMUM <2.0

< Actual value is known to be less than the value shown

02336030 NORTH FORK PEACHTREE CREEK AT GRAVES ROAD, NEAR DORAVILLE, GA

LOCATION.—Lat 33°54'20", long 84°13'30" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, Gwinnett County, at bridge at Graves Road, 0.3 miles east of Interstate 85.

DRAINAGE AREA.—1.42 mi^2.

COOPERATION.— Gwinnett County Department of Public Utilities.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—June 29, 2001 to current year.

REMARKS.—Laboratory chemical analyses are by U.S. Geological Survey. Laboratory sediment analyses are by U.S. Geological Survey. Field determinations of discharge, specific conductance, pH, water temperature, air temperature, dissolved oxygen, and turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL											
09-09	2015	2.13	24	130	7.5	90	6.6	94	25.0	78	131
JUL											
24-24	1705	2.35	37	140	7.4	93	6.7	83	27.1	77	174
AUG											
28...	1115	1.50	.60	7.2	8.3	95	7.4	95	22.0	89	22
SEP											
23-23	1750	2.50	50	350	7.4	91	6.2	64	24.3	79	719

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
JUL													
09-09	2015	2.13	24	130	6.9	94	120	--	79	1.6	1.10	2.7	.02
JUL													
24-24	1705	2.35	37	240	6.7	93	180	41	83	3.2	1.20	4.4	.05
AUG													
28...	1115	1.50	.60	6.8	7.7	94	2	--	68	<.20	.500	--	<.020
SEP													
23-23	1750	2.50	50	770	6.1	74	820	--	52	4.0	.860	4.9	.03

02336030 NORTH FORK PEACHTREE CREEK AT GRAVES ROAD, NEAR DORAVILLE, GA—continued.

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL 09-09	.13	10.0	--	78	131
JUL 24-24	.33	11.0	10400	77	174
AUG 28...	<.020	.8	215	89	22
SEP 23-23	.68	16.0	70000	79	719

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT 02...	1335	1.49	.56	7.8	8.9	97	7.1	97	--	18.3	94	39
23...	1255	1.55	.64	--	8.9	98	6.9	94	22.5	18.4	--	17
DEC 10-10	0915	2.59	56	--	10.6	--	6.8	50	--	11.2	--	--
FEB 06-06	1330	2.78	75	66	13.0	--	6.4	28	--	4.9	--	--
11...	1530	1.52	.70	8.0	10.8	102	7.1	102	7.4	11.6	--	--
MAR 05...	1343	1.52	.70	8.4	12.1	108	6.8	95	8.1	9.4	--	--
MAR 12-12	1028	1.96	16	34	10.7	99	6.8	46	9.0	10.4	--	--
APR 22...	0914	1.51	.64	3.6	8.0	89	6.9	106	--	18.6	92	50
JUN 03...	0851	1.56	1.2	9.3	8.7	101	6.7	91	25.8	21.3	84	38
JUN 14-14	1426	3.79	179	330	7.7	91	6.4	35	--	23.6	--	--
JUL 21-21	1810	1.62	3.8	--	7.5	94	6.3	78	--	25.2	68	25
JUL 31-31	1743	2.09	23	160	7.2	90	6.0	50	--	26.7	--	--
AUG 14...	1135	1.42	.23	14	9.9	116	7.3	95	--	22.8	--	9.0

02336030 NORTH FORK PEACHTREE CREEK AT GRAVES ROAD, NEAR DORAVILLE, GA—continued.

Date	Time	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT													
02...	1335	1.49	.56	6.5	7.7	100	2	--	69	--	<.20	--	.500
23...	1255	1.55	.64	3.9	E7.8c	98	4	--	71	--	<.20c	--	.380
DEC													
10-10	0910	2.64	66	120	7.0	57	E100c	E20c	39	E.567c	E1.3c	.74	.780
FEB													
06-06	1310	2.76	72	68	6.7	32	62	11	16	.158	.60	.21	.220
11...	1545	1.52	.70	6.4	7.5	102	4	<1	75	.080	.30	.49	.500
MAR													
05...	1355	1.52	.70	5.0	7.2	94	7	1	70	.084	<.20	.55	.550
MAR													
12-12	1020	1.98	17	24	6.9	47	14	4	33	.254	.50	.42	.440
APR													
22...	0930	1.51	.64	5.0	7.2	108	3	2	71	.357	.40	.36	.410
JUN													
03...	0845	1.55	1.4	10	7.3	94	9	1	71	.063	<.20	.43	.450
JUN													
14-14	1420	4.13	184	170	6.2	90	237	43	37	.650	1.8	.64	.650
JUL													
21-21	1810	1.62	3.8	250	7.0	102	33	6	82	.302	.70	.58	.610
JUL													
31-31	1720	2.37	40	180	6.1	46	189	32	38	.561	1.6	.91	.940
AUG													
14...	1120	1.42	.23	16	7.4	96	10	<1	62	.040	<.20	.42	.440

Date	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT							
02...	--	<.02	<.02	1.3	120	94	39
23...	--	<.02c	<.02c	3.9	--	--	17
DEC							
10-10	--	E.02c	E.13c	--	--	50	928
FEB							
06-06	.82	<.02	.07	2.4	--	61	105
11...	.80	<.02	<.02	4.1	14k	99	27
MAR							
05...	--	<.02	<.02	1.1	15k	99	20
MAR							
12-12	.94	<.02	.03	3.9	710k	85	36
APR							
22...	.81	<.02	<.02	1.3	75	--	--
JUN							
03...	--	<.02	<.02	1.2	480	71	36
JUN							
14-14	2.5	.03	.18	8.8	5000	--	--
JUL							
21-21	1.3	.04	.07	8.8	1250	68	25
JUL							
31-31	2.5	.05	.20	5.9	4670	--	--
AUG							
14...	--	.03	.06	1.3	9150k	--	11

Remark codes used in this report:
> -- Greater than
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
a -- Value was extrapolated above
c -- Holding times exceeded by the laboratory
d -- Diluted sample: method hi range exceeded
k -- Counts outside acceptable range

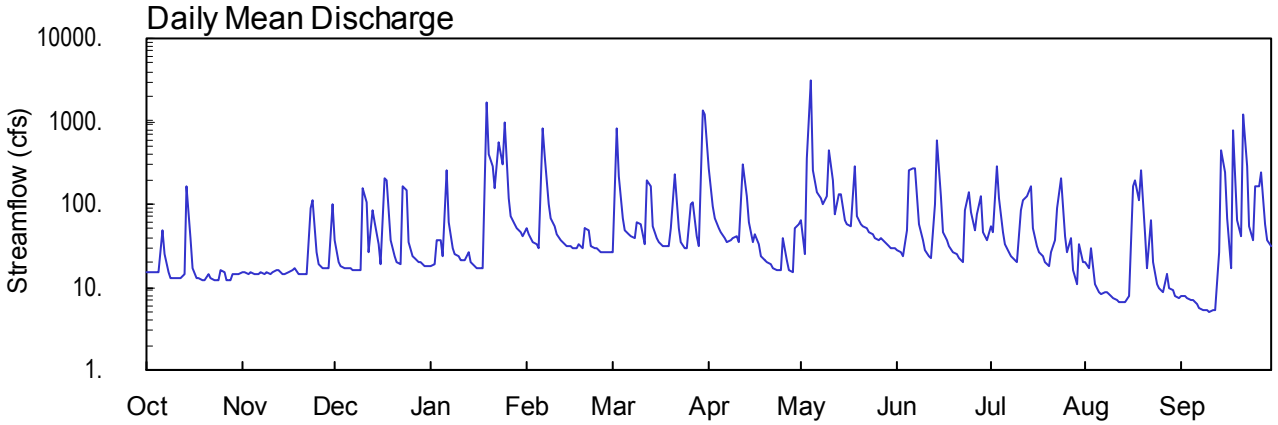
APALACHICOLA RIVER BASIN

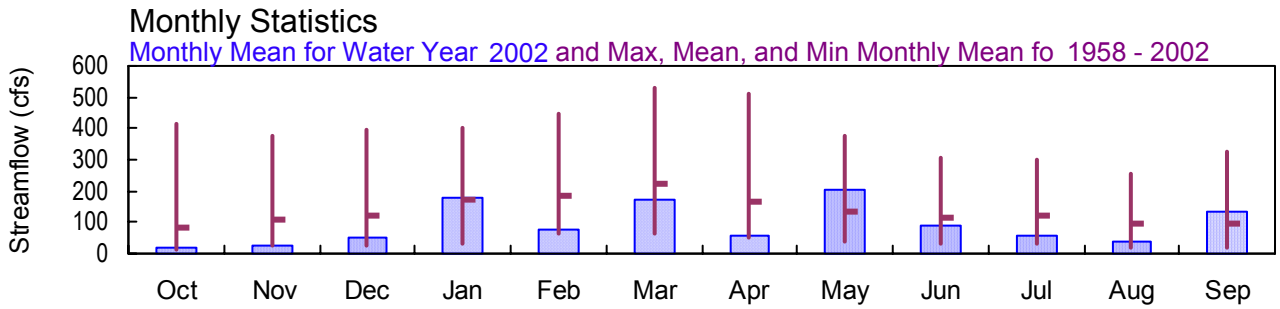
2002 Water Year

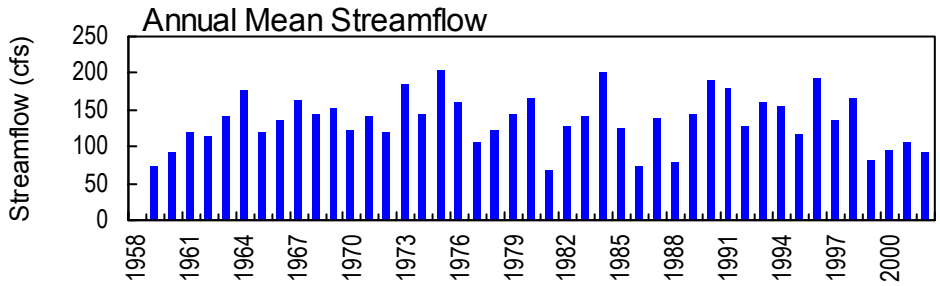
02336300 PEACHTREE CREEK AT ATLANTA, GA

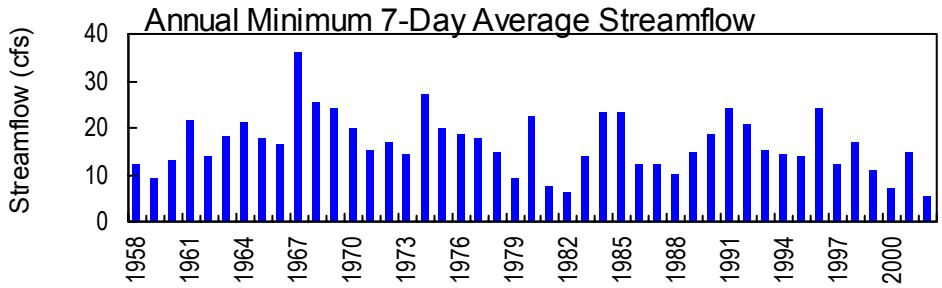
Latitude: 33°49'10" Longitude: 84°24'28" Hydrologic Unit Code: 03130001 Fulton County

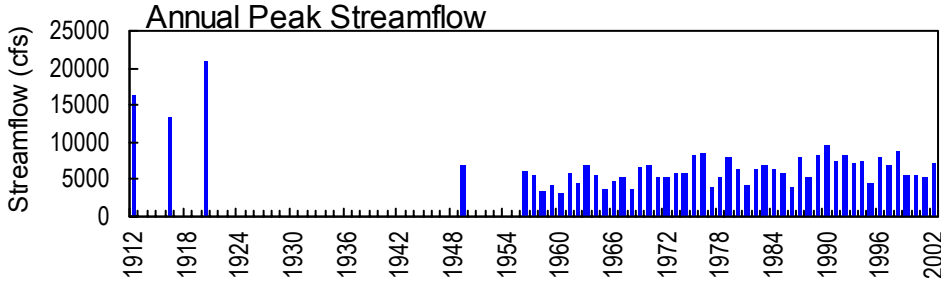
Drainage Area: 86.8 mi^2 Datum: 763.96 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02336300 PEACHTREE CREEK AT ATLANTA, GA
(National Water-Quality Assessment station)

LOCATION.—Lat 33°49'10", long 84°24'28" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit 03130001, on downstream side of center pier of bridge on Northside Drive, 0.4 miles downstream from Tanyard Branch, and 4.0 miles upstream from mouth.

DRAINAGE AREA.—86.8 mi^2.

COOPERATION.—USGS National Water-Quality Assessment (NAWQA) Program; Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—June 1958 to current year.

REVISED RECORDS.—WDR GA-96-1: 1995 (P, daily discharge, daily stage and monthly runoff).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 763.96 feet above National Geodetic Vertical Datum (NGVD) of 1929 (City of Atlanta benchmark). Prior to May 27, 1963, water-stage recorder located at site 1,000 feet downstream at same datum.

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 19	1645	5,140	15.22
Jan. 25	0130	2,920	11.47
Mar. 30	2245	4,960	14.94
May 4	1045	7,270*	18.18*
Sep. 21	2015	6,520	17.19

02336300 PEACHTREE CREEK AT ATLANTA, GA--continued.
(National Water-Quality Assessment station)

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1958 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 763.96 feet above National Geodetic Vertical Datum (NGVD) of 1929 (City of Atlanta benchmark). Prior to May 27, 1963, water-stage recorder located at site 1,000 feet downstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 18.18 feet, May 4; minimum gage-height recorded, 2.19 feet, September 9-11.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 5, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02336300 PEACHTREE CREEK AT ATLANTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 334910 LONGITUDE 0842428 NAD83 DRAINAGE AREA 86.80* CONTRIBUTING DRAINAGE AREA DATUM 763.96 NGVD29
Date Processed: 2003-03-11 10:28 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	15	36	18	50	26	271	64	28	53	20	7.9
2	15	15	20	19	43	835	93	25	26	47	17	7.8
3	15	14	18	36	34	212	67	349	23	284	29	7.3
4	15	15	17	37	33	67	52	3090	48	121	11	7.1
5	15	14	17	23	29	49	46	263	260	46	8.5	6.8
6	49	14	17	254	816	44	39	140	271	33	8.1	6.2
7	25	15	16	61	380	41	35	116	278	27	8.9	5.7
8	15	14	16	30	98	38	37	102	56	23	8.6	5.4
9	13	15	16	25	66	61	39	126	36	21	7.6	5.3
10	13	14	158	23	55	59	41	442	28	20	7.2	5.1
11	13	15	106	21	44	33	34	193	24	85	7.0	5.3
12	13	16	26	21	37	190	297	74	22	113	6.7	5.3
13	14	16	86	27	34	166	124	131	102	122	6.6	26
14	163	14	62	20	32	54	60	129	589	163	6.5	440
15	40	14	33	18	32	39	35	65	125	52	7.8	248
16	17	15	19	17	30	34	44	59	47	32	161	68
17	13	16	204	17	29	32	33	55	37	26	193	17
18	13	17	195	17	33	31	23	292	32	23	112	765
19	12	14	36	1720	30	31	21	72	27	20	262	63
20	12	14	24	392	52	50	20	57	25	18	44	42
21	14	14	20	288	48	232	19	53	22	26	17	1230
22	13	14	19	152	32	51	17	50	20	37	64	293
23	12	92	166	547	29	34	16	46	84	90	20	55
24	12	113	147	307	29	30	16	44	141	206	11	37
25	16	26	34	988	27	29	38	40	78	41	9.6	162
26	15	19	24	117	27	99	21	36	49	27	8.5	161
27	12	17	22	71	27	106	16	40	75	39	14	248
28	12	17	20	58	27	41	15	34	122	16	10	57
29	14	17	20	52	---	31	52	31	46	11	9.4	36
30	14	99	18	46	---	1330	59	29	36	33	8.0	31
31	14	---	18	42	---	1190	---	29	---	20	7.5	---
TOTAL	648	724	1630	5464	2203	5265	1680	6276	2757	1875	1111.5	4054.2
MEAN	20.9	24.1	52.6	176	78.7	170	56.0	202	91.9	60.5	35.9	135
MAX	163	113	204	1720	816	1330	297	3090	589	284	262	1230
MIN	12	14	16	17	27	26	15	25	20	11	6.5	5.1
CFSM	0.24	0.28	0.61	2.03	0.91	1.96	0.65	2.33	1.06	0.70	0.41	1.56
IN.	0.28	0.31	0.70	2.34	0.94	2.26	0.72	2.69	1.18	0.80	0.48	1.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2002, BY WATER YEAR (WY)

MEAN	85.9	109	119	174	188	221	165	132	114	124	95.1	97.0
MAX	416	374	395	402	448	531	508	379	307	301	257	325
(WY)	1996	1993	1984	1972	1990	1980	1979	1991	1989	1989	1974	1989
MIN	13.4	24.1	28.4	33.0	66.2	63.9	49.5	40.7	28.9	29.8	20.4	20.6
(WY)	1979	2002	1989	1981	1986	1988	1986	1988	1988	1959	1959	1978

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1958 - 2002	
ANNUAL TOTAL	36441		33687.7			
ANNUAL MEAN	99.8		92.3		135	
HIGHEST ANNUAL MEAN					203	1975
LOWEST ANNUAL MEAN					67.0	1981
HIGHEST DAILY MEAN	2240	Jul 25	3090	May 4	6500	Oct 4 1995
LOWEST DAILY MEAN	12	Oct 19	5.1	Sep 10	5.1	Sep 10 2002
ANNUAL SEVEN-DAY MINIMUM	13	Oct 18	5.5	Sep 6	5.5	Sep 6 2002
MAXIMUM PEAK FLOW			7270	May 4	9650	Mar 17 1990
MAXIMUM PEAK STAGE			18.18	May 4	21.06	Mar 17 1990
ANNUAL RUNOFF (CFSM)	1.15		1.06		1.56	
ANNUAL RUNOFF (INCHES)	15.62		14.44		21.15	
10 PERCENT EXCEEDS	199		194		268	
50 PERCENT EXCEEDS	37		32		58	
90 PERCENT EXCEEDS	15		12		22	

STATION NUMBER 02336300 PEACHTREE CREEK AT ATLANTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 334910 LONGITUDE 0842428 NAD83 DRAINAGE AREA 86.80* CONTRIBUTING DRAINAGE AREA DATUM 763.96 NGVD29
Date Processed: 2003-03-11 10:28 By acday
APPROVED
DD #2

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.49	2.46	2.72	2.51	2.85	2.62	4.09	2.97	2.48	2.70	2.53	2.30
2	2.48	2.46	2.54	2.54	2.79	5.95	3.19	2.61	2.45	2.65	2.49	2.30
3	2.48	2.45	2.51	2.72	2.71	3.84	3.00	4.27	2.42	4.07	2.64	2.28
4	2.49	2.46	2.50	2.74	2.70	3.00	2.87	10.61	2.57	3.19	2.38	2.27
5	2.48	2.44	2.49	2.59	2.66	2.84	2.81	4.05	3.91	2.64	2.32	2.26
6	2.84	2.44	2.49	3.94	5.75	2.79	2.76	3.37	3.72	2.53	2.31	2.24
7	2.62	2.45	2.48	2.94	4.55	2.77	2.72	3.21	3.94	2.46	2.33	2.22
8	2.48	2.45	2.48	2.67	3.23	2.75	2.74	3.10	2.73	2.42	2.32	2.21
9	2.44	2.47	2.49	2.61	2.99	2.92	2.75	3.24	2.55	2.39	2.29	2.20
10	2.44	2.45	3.42	2.58	2.89	2.92	2.77	4.61	2.47	2.37	2.28	2.19
11	2.44	2.46	3.23	2.56	2.79	2.70	2.71	3.62	2.43	2.83	2.27	2.20
12	2.44	2.47	2.62	2.55	2.74	3.65	4.03	2.88	2.40	3.14	2.26	2.20
13	2.47	2.49	3.06	2.63	2.71	3.61	3.38	3.21	2.78	3.08	2.26	2.43
14	3.56	2.44	2.95	2.54	2.69	2.89	2.93	3.26	5.27	3.44	2.25	4.76
15	2.75	2.44	2.69	2.51	2.69	2.76	2.71	2.80	3.23	2.69	2.29	3.99
16	2.49	2.46	2.54	2.51	2.67	2.71	2.77	2.75	2.65	2.52	3.49	2.98
17	2.43	2.47	3.45	2.50	2.66	2.69	2.69	2.72	2.57	2.45	3.66	2.50
18	2.42	2.50	3.66	2.49	2.70	2.68	2.59	4.09	2.52	2.42	3.29	5.69
19	2.41	2.45	2.72	7.34	2.67	2.68	2.56	2.86	2.47	2.37	3.81	2.96
20	2.41	2.45	2.59	4.54	2.86	2.83	2.55	2.73	2.44	2.35	2.79	2.76
21	2.43	2.45	2.54	4.16	2.83	3.91	2.52	2.70	2.40	2.42	2.51	6.65
22	2.43	2.44	2.53	3.47	2.69	2.86	2.50	2.67	2.38	2.56	2.95	4.08
23	2.41	3.00	3.42	5.17	2.66	2.71	2.49	2.64	2.93	2.82	2.54	2.90
24	2.41	3.27	3.44	4.04	2.66	2.67	2.48	2.62	3.31	3.73	2.39	2.74
25	2.47	2.62	2.71	6.35	2.64	2.66	2.72	2.60	2.86	2.77	2.35	3.47
26	2.45	2.52	2.60	3.34	2.64	3.14	2.55	2.56	2.66	2.61	2.32	3.59
27	2.41	2.50	2.57	3.03	2.63	3.22	2.48	2.59	2.82	2.72	2.45	3.99
28	2.41	2.49	2.55	2.92	2.63	2.77	2.47	2.54	3.23	2.49	2.37	2.91
29	2.43	2.49	2.54	2.86	---	2.68	2.86	2.51	2.64	2.39	2.35	2.74
30	2.45	3.19	2.52	2.81	---	7.00	2.89	2.49	2.56	2.57	2.30	2.69
31	2.45	---	2.51	2.78	---	7.08	---	2.49	---	2.52	2.29	---
MEAN	2.51	2.54	2.76	3.26	2.92	3.30	2.82	3.27	2.86	2.72	2.55	3.02
MAX	3.56	3.27	3.66	7.34	5.75	7.08	4.09	10.61	5.27	4.07	3.81	6.65
MIN	2.41	2.44	2.48	2.49	2.63	2.62	2.47	2.49	2.38	2.35	2.25	2.19

STATION NUMBER 02336300 PEACHTREE CREEK AT ATLANTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 334910 LONGITUDE 0842428 NAD83 DRAINAGE AREA 86.80* CONTRIBUTING DRAINAGE AREA DATUM 763.96 NGVD29
Date Processed: 2003-03-11 10:28 By acday
APPROVED
DD #13, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.00	0.11	0.00	0.03	0.01	0.00	0.01	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.00	0.23	0.25	0.00
3	0.00	0.00	0.00	0.00	0.02	0.20	0.00	---	0.00	0.06	0.00	0.00
4	0.00	0.00	0.01	0.01	0.00	0.00	0.00	---	0.64	0.01	0.00	0.00
5	0.06	0.00	0.00	0.15	0.00	0.00	0.00	---	0.06	0.00	0.00	0.00
6	0.18	0.00	0.00	0.63	1.72	0.00	0.00	---	0.18	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.08	0.00	0.00	---	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.09	0.03	---	0.00	0.22	0.00	0.00
10	0.00	0.00	0.73	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.03
12	0.00	0.00	0.00	0.05	0.00	0.77	0.46	0.00	0.00	0.34	0.00	0.00
13	0.01	0.00	0.31	0.00	0.00	0.06	0.11	0.26	0.00	0.22	0.00	0.91
14	0.48	0.00	0.13	0.00	0.00	0.00	0.01	0.00	0.91	0.26	0.00	0.42
15	0.04	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.10	0.67
16	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.28	0.13
18	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.34	0.00	0.00	0.28	1.13
19	0.00	0.00	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00
20	0.00	0.00	0.00	0.00	0.18	0.45	0.00	0.00	0.00	0.00	0.47	0.50
21	0.00	0.00	0.00	0.43	0.00	0.18	0.00	0.00	0.00	0.15	0.00	4.06
22	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.07	0.01	0.12	0.15
23	0.00	0.08	0.65	0.07	0.00	0.00	0.00	0.00	0.29	0.26	0.00	0.00
24	0.00	0.13	0.00	1.30	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
25	0.03	0.06	0.00	0.07	0.00	0.00	0.05	0.00	0.28	0.00	0.00	0.72
26	0.00	0.02	0.00	0.00	0.01	0.33	0.00	0.00	0.09	0.00	0.06	0.41
27	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.14
28	0.00	0.01	0.00	0.00	0.00	0.00	0.11	0.00	0.01	0.00	0.09	0.01
29	0.00	0.01	0.00	0.00	---	0.00	0.03	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	2.63	0.33	0.00	0.00	0.95	0.00	0.00
31	0.00	---	0.00	0.00	---	0.52	---	0.00	---	0.01	0.00	---
TOTAL	0.80	0.32	2.60	6.40	2.12	6.84	1.52	---	2.92	2.93	2.55	9.28

APALACHICOLA RIVER BASIN
2002 Water Year

02336300 PEACHTREE CREEK AT ATLANTA, GA
(National Water-Quality Assessment station)

LOCATION.--Lat 33°49'10", long 84°24'28", Fulton County, Hydrologic Unit 03130001, on downstream side of center pier of bridge on Northside Drive at Atlanta, 0.4 miles downstream from Tanyard Branch, and 4 miles upstream from mouth.

DRAINAGE AREA.--86.8 mi^2.

REMARKS.-- Datum of gage is 763.96 feet above sea level (City of Atlanta benchmark).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	WATER, PRESENT BIO TIS DRY WGT REC PERCENT (49273)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
MAY													
08...	1400	1028	85550	3.10	101	70	7.9	--	--	6.0	--	7.0	150
08...	1405	1028	1028	3.10	101	8010	--	--	--	--	--	--	--
16...	1415	1028	80020	--	--	--	--	83	751	7.6	87	6.9	142

Date	TEMPER-ATURE WATER (DEG C) (00010)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MERCURY METHYL, WATER, FLTRD REC, (NG/L) (50285)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY											
08...	22.8	11.2	2.4	--	.07	88	8.0	2.2	--	15.00	3070
08...	--	--	--	--	--	--	--	--	92	15.00	8010
16...	21.3	--	--	.4	--	--	--	--	--	15.00	8010

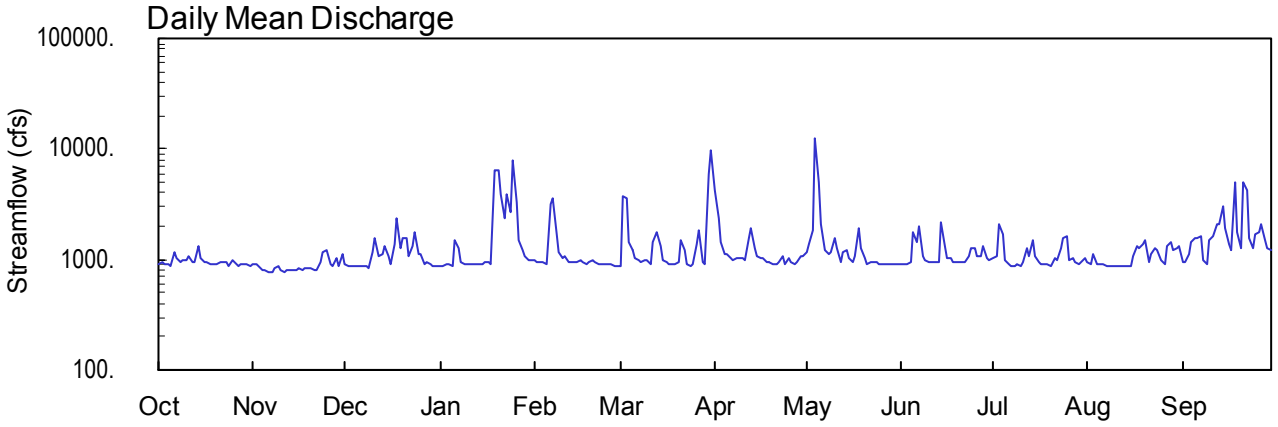
APALACHICOLA RIVER BASIN

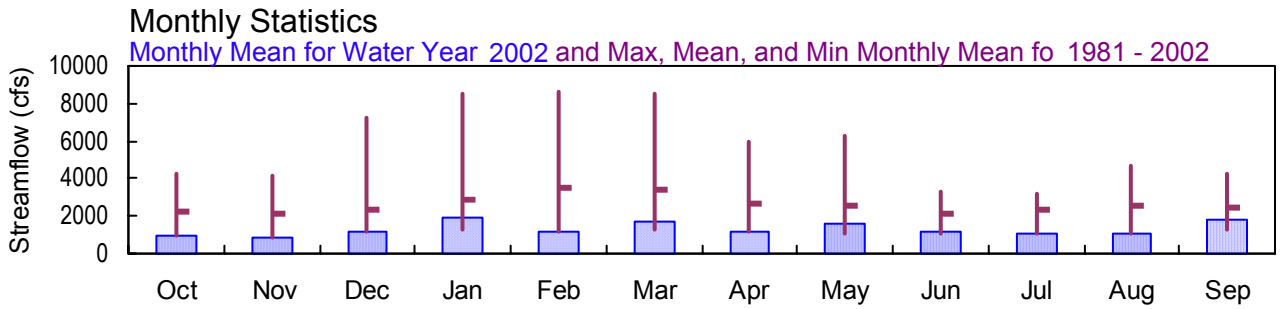
2002 Water Year

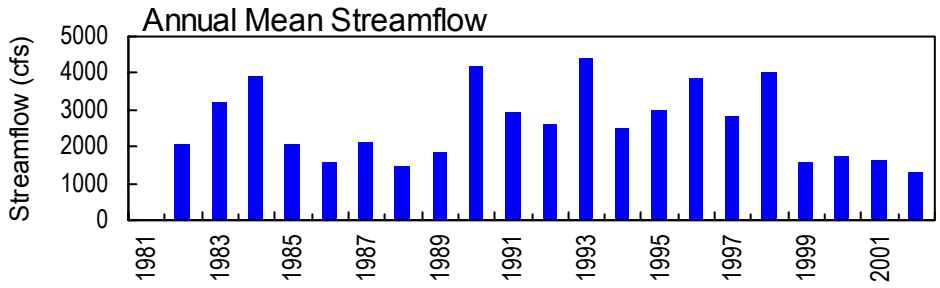
02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA

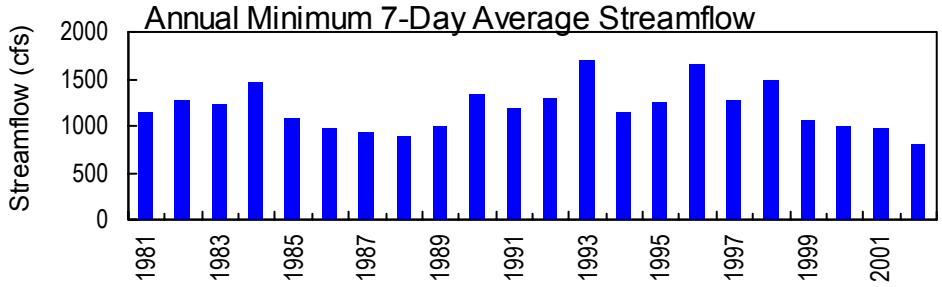
Latitude: 33°49'01" Longitude: 84°28'48" Hydrologic Unit Code: 03130002 Fulton County

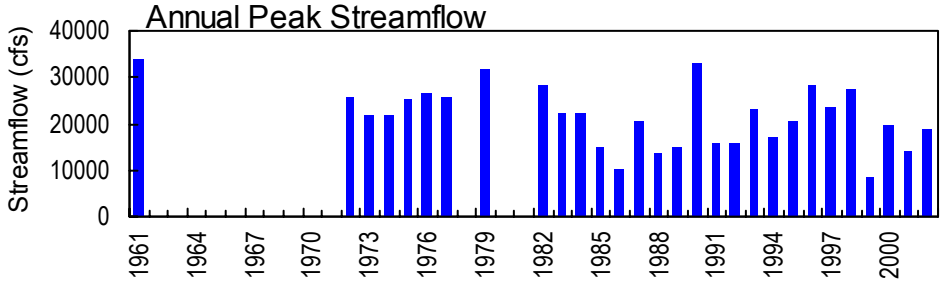
Drainage Area: 1,590. mi^2 Datum: 736.35 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA

LOCATION.—Lat 33°49'01", long 84°28'48" referenced to North American Datum (NAD) of 1983, Fulton-Cobb County line, Hydrologic Unit 03130002, on downstream side of bridge on GA 280, 0.6 miles upstream from Norfolk-Southern Railway bridge, 1.7 miles downstream from Peachtree Creek, and at mile 298.8.

DRAINAGE AREA.—1,590 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1981 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 736.35 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Flow regulated by Lake Sidney Lanier. Considerable diurnal fluctuation caused by the operation of the Morgan Falls hydroelectric plant.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of April 13, 1979, reached a stage of 30.71 feet from flood marks, discharge, 32,000 ft^3/s.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1981 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 736.35 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 22.29 feet, May 4; minimum gage-height recorded, 3.22 feet, November 6, 11.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 9, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 334901 LONGITUDE 0842848 NAD83 DRAINAGE AREA 1590.00* CONTRIBUTING DRAINAGE AREA DATUM 736.35 NGVD29
Date Processed: 2003-03-11 10:30 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	911	914	922	863	992	874	4240	1150	913	1040	951	943
2	950	917	880	870	954	3810	2320	1380	899	1070	924	950
3	926	859	863	910	950	3600	1460	1840	904	2110	1130	1110
4	911	792	854	905	951	1460	1110	12300	965	1680	911	1410
5	886	791	874	872	917	1210	1100	4960	1760	995	894	1560
6	1160	783	853	1520	3190	1040	1040	2120	1460	923	896	1550
7	1020	780	882	1270	3590	970	1000	1210	2040	885	880	1620
8	958	837	859	954	1710	960	1010	1100	1080	883	878	987
9	972	870	843	906	1160	987	1010	1170	966	894	878	912
10	980	805	1180	895	1020	978	1010	1580	936	879	881	1470
11	1070	768	1560	918	1050	921	980	1290	939	953	861	1610
12	959	788	1090	902	959	1420	1590	950	941	1270	862	2050
13	953	807	1110	897	952	1760	1890	1150	940	1080	869	2060
14	1330	793	1320	907	955	1300	1250	1200	2160	1500	876	3080
15	1040	812	1090	914	944	993	1050	1040	1310	1050	882	1940
16	963	825	901	940	970	959	1020	950	1010	953	1070	1380
17	930	817	1390	944	962	910	1010	1070	1020	925	1340	1200
18	909	830	2410	907	909	917	946	1890	965	919	1240	4910
19	922	828	1250	6290	942	901	930	1290	961	910	1370	1800
20	925	827	1570	6310	971	946	891	1030	941	880	1490	1270
21	945	817	1550	3880	959	1500	923	921	948	1010	951	5050
22	951	799	1090	2360	918	1190	929	954	945	1000	1110	4240
23	944	938	1300	3870	906	902	1060	947	1050	1260	1260	1570
24	877	1170	1730	2670	895	874	917	933	1280	1570	1230	1240
25	970	1210	1120	7980	904	895	1020	905	1280	1600	978	1670
26	936	918	1100	3300	903	1390	945	895	1090	969	914	1790
27	885	863	921	1470	882	1860	914	916	1080	1040	1320	2110
28	901	1010	930	1200	875	946	949	919	1320	938	1420	1500
29	909	872	890	1050	---	908	1080	914	1020	906	1230	1290
30	895	1120	873	996	---	5920	1070	897	979	946	1290	1210
31	888	---	888	971	---	9850	---	920	---	1040	1320	---
TOTAL	29776	26160	35093	59641	32290	53151	36664	50791	34102	34078	33106	55482
MEAN	961	872	1132	1924	1153	1715	1222	1638	1137	1099	1068	1849
MAX	1330	1210	2410	7980	3590	9850	4240	12300	2160	2110	1490	5050
MIN	877	768	843	863	875	874	891	895	899	879	861	912
CFSM	0.60	0.55	0.71	1.21	0.73	1.08	0.77	1.03	0.71	0.69	0.67	1.16
IN.	0.70	0.61	0.82	1.40	0.76	1.24	0.86	1.19	0.80	0.80	0.77	1.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2002, BY WATER YEAR (WY)

MEAN	2238	2106	2335	2834	3508	3436	2689	2523	2168	2353	2560	2433
MAX	4289	4173	7191	8529	8606	8512	5962	6291	3305	3235	4664	4276
(WY)	1992	1993	1993	1993	1990	1990	1983	1984	1997	1992	1994	1991
MIN	961	872	1132	1325	1153	1274	1195	1065	1096	1099	1068	1329
(WY)	2002	2002	2002	1989	2002	1988	1986	1988	1988	2002	2002	2001

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1981 - 2002	
ANNUAL TOTAL	556456		480334			
ANNUAL MEAN	1525		1316		2611	
HIGHEST ANNUAL MEAN					4394	1993
LOWEST ANNUAL MEAN					1316	2002
HIGHEST DAILY MEAN	9380	Mar 15	12300	May 4	29800	Mar 17 1990
LOWEST DAILY MEAN	768	Nov 11	768	Nov 11	768	Nov 11 2001
ANNUAL SEVEN-DAY MINIMUM	800	Nov 10	800	Nov 10	800	Nov 10 2001
MAXIMUM PEAK FLOW			19100	May 4	33300	Mar 17 1990
MAXIMUM PEAK STAGE			22.29	May 4	31.51	Mar 17 1990
ANNUAL RUNOFF (CFSM)	0.96		0.83		1.64	
ANNUAL RUNOFF (INCHES)	13.02		11.24		22.31	
10 PERCENT EXCEEDS	2480		1790		5110	
50 PERCENT EXCEEDS	1220		970		1800	
90 PERCENT EXCEEDS	889		874		1120	

STATION NUMBER 02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 334901 LONGITUDE 0842848 NAD83 DRAINAGE AREA 1590.00* CONTRIBUTING DRAINAGE AREA DATUM 736.35 NGVD29
Date Processed: 2003-03-11 10:30 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.78	3.79	3.81	3.66	3.98	3.69	9.02	4.11	3.59	3.88	3.83	3.81
2	3.87	3.79	3.70	3.68	3.89	7.84	6.13	4.57	3.55	3.93	3.76	3.82
3	3.82	3.65	3.66	3.78	3.88	8.02	4.71	5.28	3.56	5.73	4.22	4.15
4	3.78	3.48	3.64	3.77	3.88	4.91	4.03	16.19	3.69	5.22	3.73	4.75
5	3.72	3.47	3.69	3.68	3.80	4.45	4.01	10.55	5.18	3.93	3.69	5.00
6	4.32	3.45	3.63	4.96	7.11	4.08	3.89	5.82	4.64	3.76	3.70	5.03
7	4.05	3.44	3.71	4.55	7.98	3.93	3.80	4.24	5.65	3.67	3.65	5.15
8	3.90	3.59	3.65	3.89	5.32	3.90	3.82	4.01	3.96	3.66	3.65	3.90
9	3.93	3.67	3.61	3.77	4.32	3.96	3.81	4.14	3.72	3.69	3.65	3.73
10	3.95	3.51	4.32	3.74	4.05	3.94	3.83	4.87	3.64	3.65	3.66	4.86
11	4.13	3.41	5.08	3.80	4.10	3.81	3.75	4.35	3.65	3.83	3.60	5.13
12	3.90	3.47	4.15	3.76	3.90	4.78	4.84	3.68	3.66	4.50	3.61	5.87
13	3.89	3.52	4.20	3.75	3.88	5.45	5.46	4.06	3.65	4.07	3.63	5.86
14	4.66	3.48	4.66	3.77	3.89	4.62	4.31	4.20	5.77	4.90	3.64	7.32
15	4.08	3.53	4.18	3.79	3.86	3.98	3.91	3.87	4.41	4.05	3.66	5.68
16	3.91	3.56	3.75	3.85	3.92	3.90	3.85	3.67	3.82	3.84	4.09	4.71
17	3.83	3.54	4.57	3.86	3.90	3.78	3.81	3.94	3.83	3.77	4.60	4.38
18	3.77	3.57	6.42	3.77	3.78	3.80	3.67	5.44	3.71	3.75	4.44	9.37
19	3.81	3.57	4.50	9.10	3.86	3.76	3.63	4.39	3.71	3.73	4.63	5.45
20	3.81	3.57	5.01	11.86	3.92	3.86	3.53	3.85	3.66	3.65	4.92	4.51
21	3.87	3.54	5.02	8.38	3.90	4.98	3.61	3.61	3.67	3.93	3.83	9.55
22	3.88	3.49	4.18	6.35	3.80	4.40	3.63	3.69	3.67	3.94	4.19	8.63
23	3.86	3.81	4.53	8.35	3.77	3.76	3.91	3.67	3.89	4.38	4.47	5.04
24	3.69	4.36	5.38	6.40	3.74	3.69	3.60	3.64	4.37	5.00	4.42	4.46
25	3.92	4.43	4.24	12.69	3.76	3.74	3.84	3.57	4.33	5.11	3.89	5.18
26	3.84	3.79	4.18	7.62	3.76	4.71	3.67	3.54	3.98	3.87	3.73	5.45
27	3.71	3.66	3.81	4.92	3.71	5.53	3.59	3.59	3.97	4.03	4.61	5.97
28	3.76	3.97	3.83	4.42	3.69	3.87	3.68	3.60	4.46	3.80	4.79	4.94
29	3.78	3.68	3.73	4.10	---	3.78	3.97	3.59	3.84	3.72	4.42	4.55
30	3.74	4.23	3.69	3.99	---	8.89	3.95	3.55	3.75	3.81	4.53	4.40
31	3.72	---	3.72	3.93	---	15.30	---	3.60	---	4.01	4.59	---
MEAN	3.89	3.67	4.20	5.22	4.19	4.94	4.18	4.67	4.03	4.09	4.06	5.36
MAX	4.66	4.43	6.42	12.69	7.98	15.30	9.02	16.19	5.77	5.73	4.92	9.55
MIN	3.69	3.41	3.61	3.66	3.69	3.69	3.53	3.54	3.55	3.65	3.60	3.73

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 334901 LONGITUDE 0842848 NAD83 DRAINAGE AREA 1590.00* CONTRIBUTING DRAINAGE AREA DATUM 736.35 NGVD29
Date Processed: 2003-03-11 10:30 By acday
APPROVED
DD #18, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.10	0.00	0.03	0.01	---	---	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.48	0.00	0.00	---	0.37	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.16	0.00	0.79	---	0.16	0.00	0.00
4	0.00	0.00	0.00	0.09	0.01	0.00	0.00	2.32	---	0.00	0.00	0.00
5	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.09	---	0.00	0.00	0.00
6	0.16	0.00	0.00	0.60	1.72	0.00	0.00	0.00	---	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.10	0.00	0.00	---	---	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.06	---	---	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.03	0.02	---	---	0.00	0.00	0.00
10	0.00	0.00	0.68	0.00	0.00	0.00	0.00	---	---	0.01	0.00	0.00
11	0.00	0.00	0.00	0.02	0.00	0.00	0.00	---	---	0.17	0.00	0.00
12	0.00	0.00	0.00	0.05	0.00	0.66	0.52	---	---	0.00	0.00	0.00
13	0.01	0.00	0.42	0.00	0.00	0.06	0.08	---	---	0.20	0.00	0.61
14	0.37	0.00	0.22	0.00	0.00	0.00	0.01	---	---	0.42	0.00	0.28
15	0.00	0.00	0.01	0.00	0.00	0.00	0.00	---	---	0.00	0.10	0.41
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.00	0.10	0.00
17	0.00	0.00	0.82	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.20
18	0.00	0.00	0.00	0.01	0.00	0.00	0.01	---	---	0.00	0.10	1.39
19	0.00	0.00	0.00	2.43	0.00	0.00	0.00	---	---	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.18	0.36	0.00	---	---	0.00	0.00	0.33
21	0.00	0.00	0.00	0.50	0.00	0.14	0.00	---	---	0.89	0.12	2.45
22	0.00	0.00	0.00	1.03	0.00	0.00	0.00	---	---	0.01	0.01	0.24
23	0.00	0.45	0.69	0.08	0.00	0.00	0.00	---	---	1.04	0.00	0.00
24	0.00	0.05	0.00	1.05	0.00	0.00	0.00	---	---	0.00	0.00	0.00
25	0.06	0.04	0.00	0.16	0.00	0.00	0.06	---	---	0.00	0.00	0.85
26	0.00	0.00	0.00	0.00	0.00	0.41	0.00	---	---	0.10	0.22	0.32
27	0.00	0.01	0.00	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.15
28	0.00	0.00	0.00	0.00	0.00	0.00	0.08	---	---	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.01	---	---	0.00	0.00	0.00
30	0.00	0.29	0.00	0.00	---	2.42	0.40	---	---	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.40	---	---	---	0.00	0.00	---
TOTAL	0.66	0.84	2.84	6.02	2.12	6.12	1.28	---	---	---	0.65	7.23

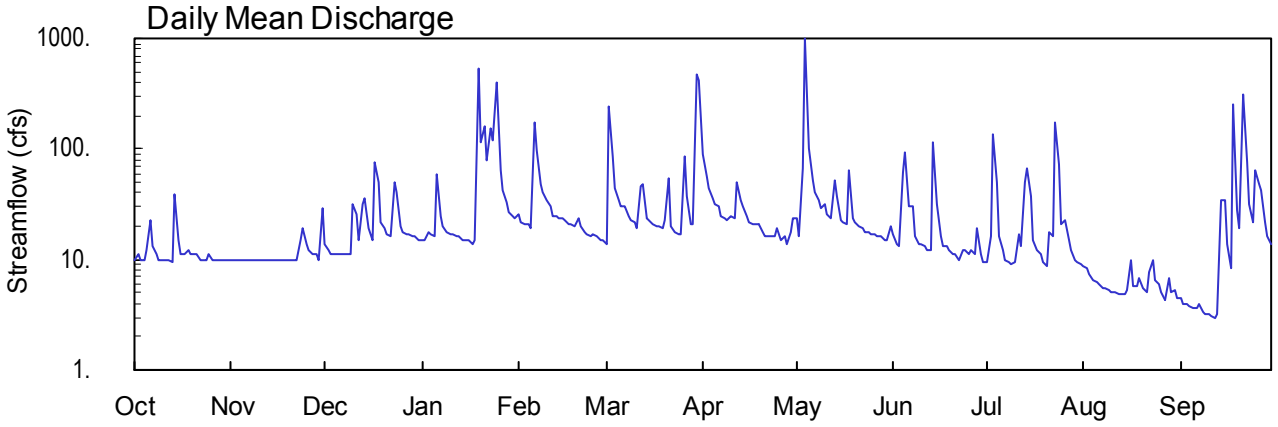
APALACHICOLA RIVER BASIN

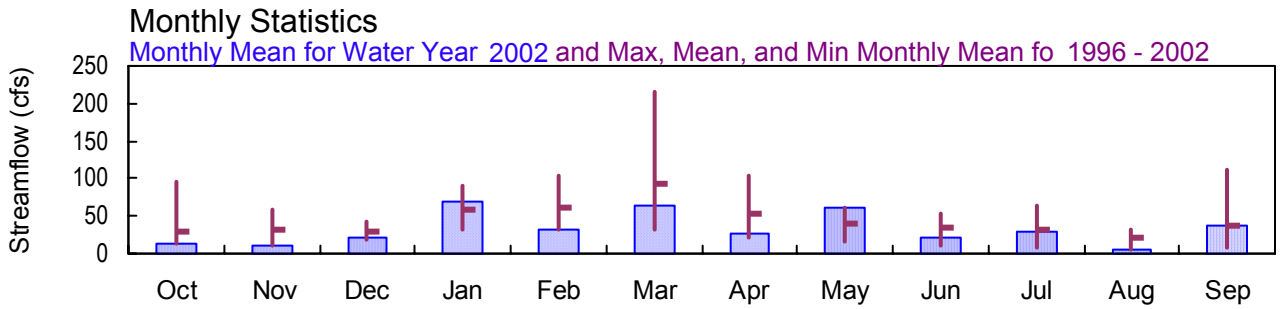
2002 Water Year

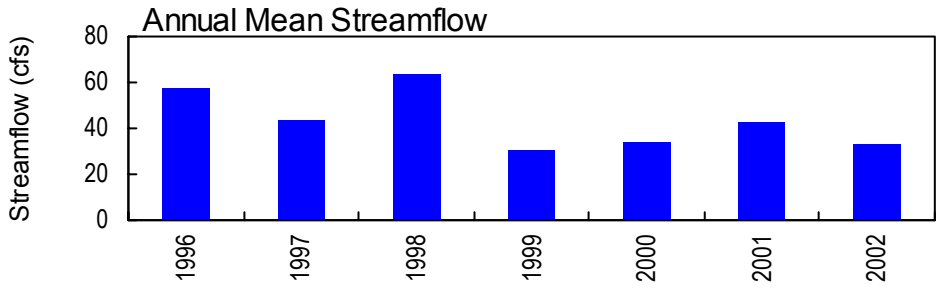
02336635 NICKAJACK CREEK AT US 78/278, NEAR MABLETON, GA

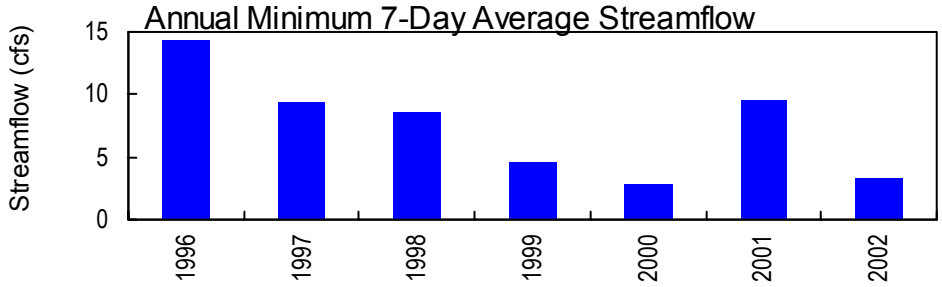
Latitude: 33°48'12" Longitude: 84°31'17" Hydrologic Unit Code: 03130002 Cobb County

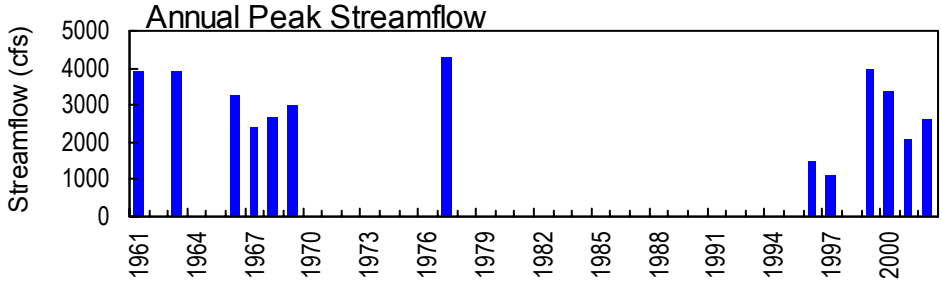
Drainage Area: 31.5 mi^2 Datum: 745.00 feet











02336635 NICKAJACK CREEK AT US HIGHWAYS 78 AND 278, NEAR MABLETON, GA

LOCATION.—Lat 33°48'12", long 84°31'17" referenced to North American Datum (NAD) of 1983, Cobb County, Hydrologic Unit 03130002, on the left downstream side of bridge on US 78 and 278, 1.5 miles east of Mableton, and 1.2 miles above mouth.

DRAINAGE AREA.—31.5 mi^2.

COOPERATION.—Cobb County Water System.

WATER–DISCHARGE RECORDS

PERIOD OF RECORD.—October 1995 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is about 745.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Prior to November 11, 1996, gage was located at a site 150.00 feet downstream on right bank at same datum.

REMARKS.—Records fair.

WATER–STAGE RECORDS

PERIOD OF RECORD.—October 1995 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is about 745.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Prior to November 11, 1996, gage was located at a site 150.00 feet downstream on right bank at same datum.

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.09 feet, May 4; minimum gage-height recorded, 2.29 feet, September 9, 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—December 19, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02336635 NICKAJACK CREEK AT US 78/278, NEAR MABLETON, GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 334812 LONGITUDE 0843117 NAD83 DRAINAGE AREA 31.50 CONTRIBUTING DRAINAGE AREA 31.5* DATUM 745.00 NGVD29
Date Processed: 2003-03-11 10:33 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	10	14	15	26	14	91	24	17	9.4	8.6	4.4
2	11	10	12	15	22	238	56	16	14	16	8.4	4.0
3	10	10	11	18	21	87	45	66	13	133	7.3	3.9
4	10	9.9	11	17	21	44	36	986	61	50	6.6	3.8
5	12	10	11	16	19	34	32	101	95	16	6.2	3.7
6	23	10	11	60	175	30	30	53	30	12	6.0	3.7
7	13	10	11	25	99	30	25	41	30	10	5.6	3.9
8	11	10	11	20	48	25	24	34	16	9.3	5.4	3.4
9	10	10	11	18	41	23	23	29	14	9.1	5.3	3.2
10	10	9.8	32	17	35	22	25	31	14	9.3	5.1	3.2
11	9.8	9.9	26	17	30	19	24	26	13	17	5.0	3.1
12	10	10	15	16	25	46	49	24	12	13	4.9	3.0
13	9.6	10	32	16	25	47	34	52	12	51	4.9	3.2
14	39	10	36	15	24	24	30	37	114	68	4.8	34
15	15	10	19	15	24	23	25	23	32	37	5.3	34
16	11	10	15	15	23	21	22	22	16	15	10	14
17	11	9.8	75	14	21	20	21	21	13	12	5.7	8.4
18	12	9.9	51	15	21	20	21	65	13	11	5.8	253
19	11	9.9	22	537	20	19	21	24	12	9.6	6.9	28
20	11	10	19	114	24	23	18	22	11	8.8	5.5	19
21	11	9.8	17	157	20	54	16	20	11	18	5.0	318
22	10	9.9	16	79	18	20	16	19	10	16	7.6	77
23	10	15	49	155	17	18	16	18	12	177	9.7	31
24	10	19	40	119	16	17	16	18	12	73	6.6	22
25	11	14	20	402	17	17	19	17	11	21	5.9	64
26	10	12	18	63	16	85	15	17	12	23	5.1	48
27	9.8	11	17	43	15	37	16	16	11	15	4.3	42
28	9.8	11	17	33	15	21	14	16	19	12	6.8	22
29	9.7	10	16	27	---	21	18	15	11	9.9	5.1	16
30	10	29	16	25	---	475	24	15	9.4	9.5	5.2	14
31	10	---	15	24	---	417	---	20	---	8.9	4.5	---
TOTAL	370.7	339.9	686	2122	878	1991	822	1888	670.4	899.8	189.1	1090.9
MEAN	12.0	11.3	22.1	68.5	31.4	64.2	27.4	60.9	22.3	29.0	6.10	36.4
MAX	39	29	75	537	175	475	91	986	114	177	10	318
MIN	9.6	9.8	11	14	15	14	14	15	9.4	8.8	4.3	3.0
CFSM	0.38	0.36	0.70	2.17	1.00	2.04	0.87	1.93	0.71	0.92	0.19	1.15
IN.	0.44	0.40	0.81	2.51	1.04	2.35	0.97	2.23	0.79	1.06	0.22	1.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2002, BY WATER YEAR (WY)

MEAN	28.4	31.9	29.6	58.6	61.8	94.3	53.1	39.1	34.6	33.1	21.1	37.4
MAX	95.5	57.5	43.6	89.1	105	216	103	60.9	52.8	64.3	31.6	112
(WY)	1996	1996	1998	1996	1998	1998	1998	2002	1999	1999	2001	2000
MIN	12.0	11.3	18.2	32.4	31.4	31.6	21.6	16.5	10.7	7.30	6.10	8.39
(WY)	2002	2002	2000	2000	2002	1999	1999	2000	2000	2000	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1996 - 2002	
ANNUAL TOTAL	14315.6		11947.8			
ANNUAL MEAN	39.2		32.7		43.5	
HIGHEST ANNUAL MEAN					63.3	1998
LOWEST ANNUAL MEAN					30.2	1999
HIGHEST DAILY MEAN	681	Mar 15	986	May 4	3320	Mar 8 1998
LOWEST DAILY MEAN	9.2	Sep 22	3.0	Sep 12	2.3	Aug 19 2000
ANNUAL SEVEN-DAY MINIMUM	9.9	Oct 26	3.3	Sep 7	2.9	Aug 13 2000
MAXIMUM PEAK FLOW			2750	May 4	5190	Mar 8 1998
MAXIMUM PEAK STAGE			11.09	May 4	13.62	Mar 8 1998
ANNUAL RUNOFF (CFSM)	1.25		1.04		1.38	
ANNUAL RUNOFF (INCHES)	16.91		14.11		18.76	
10 PERCENT EXCEEDS	75		52		69	
50 PERCENT EXCEEDS	21		16		24	
90 PERCENT EXCEEDS	10		6.7		10	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02336635 NICKAJACK CREEK AT US 78/278, NEAR MABLETON, GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 334812 LONGITUDE 0843117 NAD83 DRAINAGE AREA 31.50 CONTRIBUTING DRAINAGE AREA 31.5* DATUM 745.00 NGVD29
Date Processed: 2003-03-11 10:33 By acday
APPROVED
DD #4, DCP

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.67	2.67	2.79	2.82	3.03	2.79	3.81	2.99	2.85	2.63	2.60	2.40
2	2.69	2.68	2.73	2.82	2.97	4.59	3.44	2.82	2.78	2.78	2.60	2.38
3	2.67	2.68	2.72	2.89	2.94	3.76	3.30	3.43	2.76	3.64	2.55	2.37
4	2.67	2.67	2.70	2.85	2.94	3.29	3.19	6.94	3.20	3.32	2.52	2.36
5	2.72	2.67	2.70	2.83	2.89	3.16	3.13	3.88	3.73	2.83	2.50	2.36
6	2.96	2.68	2.70	3.44	4.26	3.10	3.10	3.40	3.07	2.73	2.49	2.36
7	2.75	2.68	2.70	3.02	3.87	3.10	3.02	3.25	3.08	2.67	2.47	2.37
8	2.69	2.67	2.70	2.92	3.35	3.02	3.00	3.15	2.84	2.63	2.46	2.34
9	2.68	2.67	2.69	2.89	3.25	2.98	2.98	3.09	2.79	2.62	2.45	2.32
10	2.69	2.66	3.07	2.86	3.17	2.97	3.01	3.11	2.76	2.63	2.45	2.32
11	2.66	2.67	3.03	2.86	3.11	2.90	2.99	3.03	2.75	2.82	2.44	2.31
12	2.67	2.68	2.81	2.84	3.02	3.28	3.32	3.00	2.73	2.74	2.43	2.31
13	2.65	2.67	3.09	2.83	3.02	3.32	3.15	3.29	2.72	3.05	2.43	2.32
14	3.17	2.67	3.19	2.82	2.99	3.00	3.10	3.18	3.58	3.50	2.43	3.10
15	2.80	2.68	2.90	2.81	2.99	2.97	3.01	2.97	3.11	3.15	2.45	3.14
16	2.71	2.68	2.81	2.81	2.98	2.93	2.96	2.96	2.83	2.80	2.63	2.76
17	2.70	2.67	3.37	2.80	2.94	2.91	2.94	2.95	2.76	2.72	2.48	2.60
18	2.72	2.67	3.36	2.81	2.93	2.91	2.93	3.52	2.73	2.68	2.48	4.53
19	2.71	2.67	2.98	5.25	2.91	2.89	2.93	3.00	2.71	2.64	2.53	3.01
20	2.70	2.67	2.90	3.97	2.99	2.96	2.88	2.96	2.70	2.61	2.46	2.83
21	2.69	2.66	2.87	4.24	2.93	3.39	2.84	2.93	2.68	2.79	2.44	4.96
22	2.68	2.66	2.85	3.64	2.87	2.91	2.82	2.90	2.66	2.81	2.54	3.63
23	2.68	2.78	3.27	4.27	2.85	2.88	2.83	2.88	2.71	3.84	2.64	3.06
24	2.67	2.89	3.23	3.79	2.84	2.85	2.82	2.87	2.71	3.57	2.52	2.89
25	2.70	2.79	2.94	5.32	2.85	2.85	2.90	2.86	2.70	2.94	2.49	3.38
26	2.67	2.72	2.89	3.52	2.83	3.64	2.81	2.85	2.73	2.95	2.44	3.30
27	2.66	2.70	2.87	3.28	2.81	3.19	2.82	2.82	2.70	2.80	2.39	3.21
28	2.66	2.69	2.86	3.14	2.82	2.94	2.79	2.83	2.87	2.70	2.51	2.90
29	2.66	2.68	2.84	3.05	---	2.93	2.87	2.82	2.68	2.66	2.44	2.77
30	2.68	3.04	2.83	3.01	---	5.44	2.97	2.81	2.64	2.64	2.45	2.72
31	2.68	---	2.82	3.00	---	5.50	---	2.88	---	2.62	2.41	---
MEAN	2.71	2.70	2.91	3.27	3.05	3.27	3.02	3.17	2.85	2.89	2.49	2.84
MAX	3.17	3.04	3.37	5.32	4.26	5.50	3.81	6.94	3.73	3.84	2.64	4.96
MIN	2.65	2.66	2.69	2.80	2.81	2.79	2.79	2.81	2.64	2.61	2.39	2.31

STATION NUMBER 02336635 NICKAJACK CREEK AT US 78/278, NEAR MABLETON, GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 334812 LONGITUDE 0843117 NAD83 DRAINAGE AREA 31.50 CONTRIBUTING DRAINAGE AREA 31.5* DATUM 745.00 NGVD29
Date Processed: 2003-03-11 10:33 By acday
APPROVED
DD #15, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.01	0.00	0.01	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.68	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.16	0.00	0.79	0.00	0.15	0.00	0.00
4	0.00	0.00	---	0.07	0.00	0.00	0.00	2.69	1.69	0.00	0.00	0.00
5	0.05	0.00	---	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
6	0.19	0.00	---	0.54	1.68	0.00	0.00	0.00	0.05	0.00	0.02	0.00
7	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.22	0.00	0.00	0.00	0.00
10	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
11	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
12	0.00	0.00	0.00	0.04	0.00	0.65	0.36	0.00	0.00	0.00	0.00	0.00
13	0.05	0.00	0.42	0.01	0.00	0.06	0.09	0.25	0.01	0.42	0.00	0.56
14	0.52	0.00	0.25	0.00	0.00	0.00	0.04	0.00	0.75	0.38	0.01	0.24
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.53	0.34
16	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.01	0.00
17	0.00	0.00	0.75	0.00	0.00	0.00	0.01	0.38	0.00	0.00	0.02	0.10
18	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.23	0.00	0.00	0.16	1.73
19	0.00	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.00	0.00	0.16	0.39	0.00	0.00	0.00	0.00	0.00	0.54
21	0.00	0.00	0.00	0.49	0.00	0.16	0.00	0.00	0.00	0.68	0.01	2.16
22	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.01	0.66	0.00	0.20
23	0.00	0.37	0.68	0.09	0.00	0.00	0.00	0.00	0.06	1.74	0.00	0.00
24	0.00	0.04	0.01	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.07	0.04	0.00	0.07	0.00	0.00	0.11	0.00	0.17	0.11	0.00	0.91
26	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.01	1.05	0.18	0.25
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.07
28	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.01	0.00	0.00	0.00
29	0.00	0.01	0.00	0.00	---	0.00	0.03	0.00	0.00	0.00	0.00	0.00
30	0.00	0.29	0.00	0.00	---	2.51	0.42	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.40	---	0.00	---	0.00	0.00	---
TOTAL	0.88	0.75	---	6.00	2.01	6.30	1.36	4.57	3.07	6.19	0.94	7.11

02336962 NOSES CREEK AT MACLAND ROAD, NEAR MACLAND, GA

LOCATION.—Lat 33°53'59", long 84°37'49" referenced to North American Datum (NAD) of 1927, Cobb County, Hydrologic Unit 03130002, Cobb County, located on upstream right wingwall of Macland Road culvert, 2.5 miles east of Macland.

DRAINAGE AREA.—18.9 mi^2.

COOPERATION.—Cobb County Water System.

PEAK-STAGE RECORDS

PERIOD OF RECORD.—May 27, 1998 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 880.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum stage for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--
STAGE: 9.96 feet, June 30, 1999

MAXIMUM FOR CURRENT YEAR.--
STAGE: 9.93 feet, March 31

APALACHICOLA RIVER BASIN
2002 Water Year

02336966 NOSES CREEK AT MACDONIA ROAD, NEAR POWDER SPRINGS, GA

LOCATION.—Lat 33°52'31", long 84°38'36" referenced to North American Datum (NAD) of 1927, Cobb County, Hydrologic Unit 03130002, located on downstream right bridge pier of Macdonia Road bridge, 2.0 miles northeast of Powder Springs.

DRAINAGE AREA.--38.1 mi^2.

COOPERATION.—Cobb County Water System.

PEAK-STAGE RECORDS

PERIOD OF RECORD.—May 27, 1998 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 880.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum stage for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 10.98 feet, June 30, 1999

MAXIMUM FOR CURRENT YEAR.—
STAGE: 9.82 feet, March 31

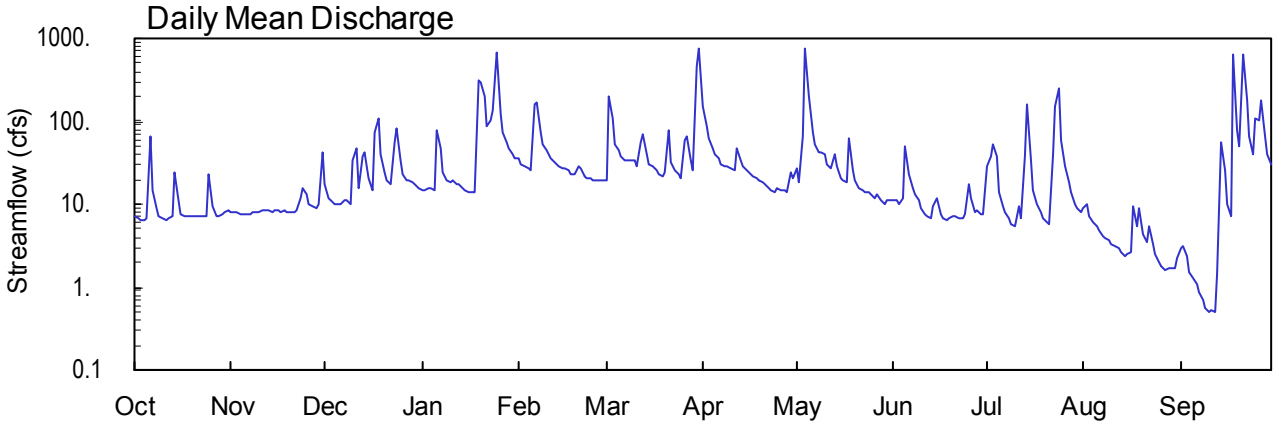
APALACHICOLA RIVER BASIN

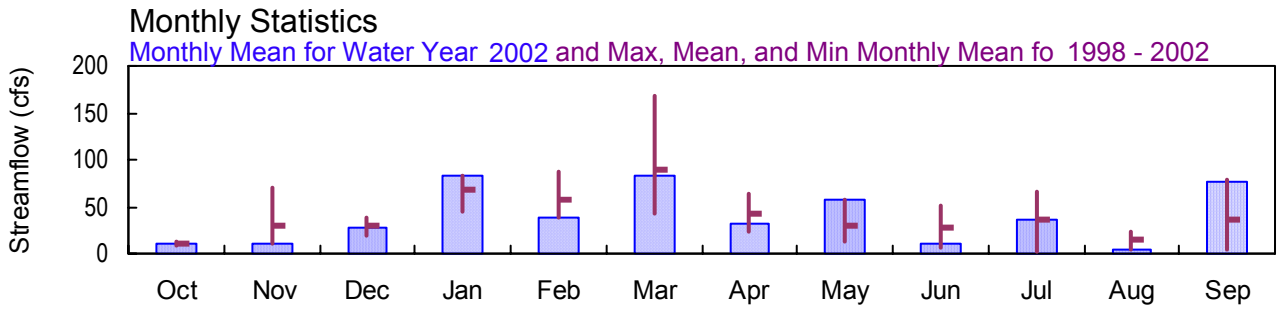
2002 Water Year

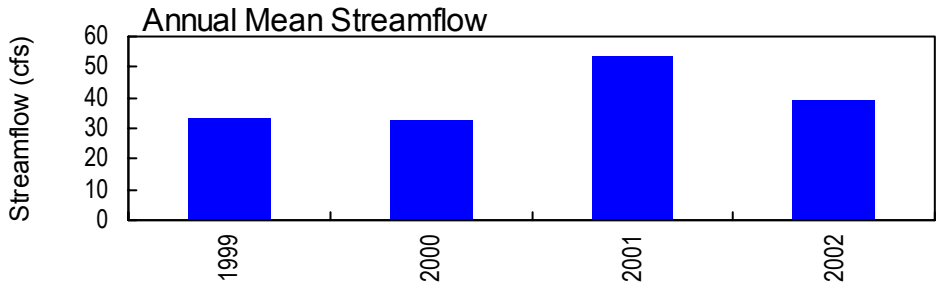
02336968 NOSES CREEK AT POWDER SPRINGS RD,POWDER SPRINGS, GA

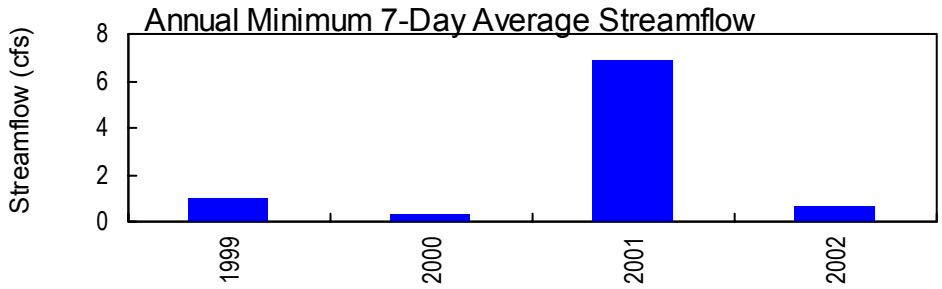
Latitude: 33°51'33" Longitude: 84°39'10" Hydrologic Unit Code: 03130002 Cobb County

Drainage Area: 44.5 mi^2 Datum: 882.80 feet









APALACHICOLA RIVER BASIN
2002 Water Year

02336968 NOSES CREEK AT POWDER SPRINGS ROAD, NEAR POWDER SPRINGS, GA

LOCATION.—Lat 33°51'33", long 84°39'10" referenced to North American Datum (NAD) of 1983, Cobb County, Hydrologic Unit 03130002, on the right downstream abutment, 1.9 miles east of Powder Springs, 0.2 miles north of Seaboard Coast Line Railway, and 3.2 miles above mouth.

DRAINAGE AREA.—44.5 mi^2.

COOPERATION.—Cobb County Water System.

WATER–DISCHARGE RECORDS

PERIOD OF RECORD.—July 16, 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 882.8 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Cobb County).

REMARKS.—Records fair.

WATER–STAGE RECORDS

PERIOD OF RECORD.—July 16, 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 882.8 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Cobb County).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.89 feet, March 31; minimum gage-height recorded, 0.86 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—December 18, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02336968 NOSES CREEK AT POWDER SPRINGS RD,POWDER SPRINGS,GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 335133 LONGITUDE 0843910 NAD27 DRAINAGE AREA 44.5 CONTRIBUTING DRAINAGE AREA 44.5* DATUM 882.8 NGVD29
Date Processed: 2003-03-11 10:40 By acday
APPROVED
DD #2, H350/DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	8.1	17	15	35	19	153	27	11	28	8.8	3.0
2	6.8	8.2	12	15	31	196	86	18	11	37	10	3.1
3	6.5	7.9	11	16	28	110	64	67	10	52	7.0	2.4
4	6.4	7.6	10	16	27	54	48	756	12	38	6.0	1.5
5	6.6	7.7	10	15	25	44	39	203	50	14	5.4	1.3
6	65	7.5	10	77	162	38	36	75	23	9.7	4.8	1.1
7	15	7.7	11	47	166	33	31	53	16	7.9	4.1	0.85
8	9.0	7.8	11	24	74	34	28	42	13	6.7	3.8	0.70
9	7.3	8.1	10	20	53	33	29	42	11	5.6	3.6	0.57
10	6.8	8.0	34	18	44	33	27	41	9.0	5.3	3.3	0.51
11	6.5	8.6	46	19	36	28	25	31	7.7	9.3	3.1	0.52
12	6.9	8.3	16	17	33	55	e47	27	7.3	6.8	2.9	0.49
13	7.0	8.4	37	17	30	71	e34	41	6.9	38	2.6	1.4
14	24	8.2	43	16	28	40	e29	28	9.3	163	2.4	56
15	11	8.6	21	15	27	31	e25	21	12	34	2.5	25
16	7.7	8.4	15	14	27	28	24	19	7.6	15	2.6	10
17	7.3	8.2	72	14	25	25	22	18	6.9	10	9.4	7.0
18	7.1	8.3	106	14	23	23	21	63	6.4	8.0	5.5	626
19	7.1	8.1	40	313	23	22	19	26	6.8	6.8	9.2	77
20	7.1	8.1	24	297	29	24	18	19	7.3	6.1	4.3	49
21	7.0	e7.9	19	205	27	76	17	16	7.0	5.6	3.4	639
22	7.1	e8.5	17	85	22	32	16	15	6.8	40	5.3	179
23	7.0	e12	56	104	21	26	15	14	6.8	152	3.3	65
24	7.2	e16	83	132	21	23	14	14	7.5	248	2.5	39
25	23	e13	33	670	20	21	16	13	17	60	2.0	107
26	9.3	e10	23	122	20	58	15	12	12	28	1.8	102
27	7.0	e9.3	20	73	20	67	15	13	8.0	18	1.6	177
28	7.2	e9.0	19	55	19	33	14	11	8.5	14	1.7	66
29	7.6	9.8	18	46	---	26	24	10	7.6	10	1.7	40
30	7.9	43	17	40	---	470	21	11	7.4	8.9	1.7	31
31	8.4	---	16	36	---	771	---	11	---	8.0	2.2	---
TOTAL	326.8	300.3	877	2567	1096	2544	972	1757	332.8	1093.7	128.5	2312.44
MEAN	10.5	10.0	28.3	82.8	39.1	82.1	32.4	56.7	11.1	35.3	4.15	77.1
MAX	65	43	106	670	166	771	153	756	50	248	10	639
MIN	6.4	7.5	10	14	19	19	14	10	6.4	5.3	1.6	0.49
CFSM	0.24	0.22	0.64	1.86	0.88	1.84	0.73	1.27	0.25	0.79	0.09	1.73
IN.	0.27	0.25	0.73	2.15	0.92	2.13	0.81	1.47	0.28	0.91	0.11	1.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

MEAN	10.6	30.6	28.8	67.9	57.0	88.5	43.4	30.4	28.4	35.3	14.9	36.8
MAX	12.7	69.5	39.3	82.8	87.8	169	63.4	56.7	52.0	66.6	24.2	77.8
(WY)	2000	2001	2001	2002	2001	2001	2000	2002	1999	1999	2000	2000
MIN	9.08	10.0	19.7	44.6	39.1	43.3	24.1	13.6	6.42	2.89	4.15	3.49
(WY)	1999	2002	2000	2000	2002	1999	1999	2000	2000	2000	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	17503.3		14307.54			
ANNUAL MEAN	48.0		39.2		39.6	
HIGHEST ANNUAL MEAN					53.7	2001
LOWEST ANNUAL MEAN					32.6	2000
HIGHEST DAILY MEAN	733	Mar 15	771	Mar 31	1210	Jul 1 1999
LOWEST DAILY MEAN	6.3	Sep 22	0.49	Sep 12	0.09	Aug 19 2000
ANNUAL SEVEN-DAY MINIMUM	6.9	Sep 29	0.68	Sep 6	0.35	Aug 13 2000
MAXIMUM PEAK FLOW			1240	Mar 31	2880	Jun 30 1999
MAXIMUM PEAK STAGE			9.89	Mar 31	12.60	Jun 30 1999
INSTANTANEOUS LOW FLOW			0.31	Sep 13	0.31	Sep 13 2002
ANNUAL RUNOFF (CFSM)	1.08		0.88		0.89	
ANNUAL RUNOFF (INCHES)	14.63		11.96		12.10	
10 PERCENT EXCEEDS	98		71		72	
50 PERCENT EXCEEDS	23		16		20	
90 PERCENT EXCEEDS	7.7		5.3		6.1	

e Estimated

STATION NUMBER 02336968 NOSES CREEK AT POWDER SPRINGS RD,POWDER SPRINGS,GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 335133 LONGITUDE 0843910 NAD27 DRAINAGE AREA 44.5 CONTRIBUTING DRAINAGE AREA 44.5* DATUM 882.8 NGVD29
Date Processed: 2003-03-11 10:40 By acday
APPROVED
DD #1, H350/DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.33	1.46	1.75	1.71	2.11	1.80	3.41	1.97	1.51	1.76	1.43	1.16
2	1.32	1.47	1.62	1.69	2.04	3.55	2.75	1.78	1.51	2.00	1.50	1.17
3	1.31	1.45	1.58	1.74	1.99	2.99	2.49	2.35	1.49	2.21	1.36	1.13
4	1.30	1.44	1.56	1.72	1.98	2.36	2.28	7.12	1.52	2.04	1.31	1.06
5	1.31	1.44	1.55	1.70	1.93	2.23	2.16	3.73	2.22	1.61	1.28	1.04
6	2.33	1.43	1.55	2.60	3.28	2.14	2.11	2.57	1.81	1.47	1.25	1.01
7	1.69	1.45	1.56	2.26	3.51	2.06	2.04	2.28	1.66	1.40	1.21	0.98
8	1.50	1.45	1.56	1.92	2.61	2.09	1.99	2.13	1.57	1.34	1.19	0.95
9	1.42	1.46	1.55	1.84	2.35	2.07	2.00	2.12	1.53	1.29	1.18	0.93
10	1.40	1.46	1.98	1.79	2.22	2.07	1.97	2.11	1.45	1.27	1.16	0.92
11	1.39	1.48	2.23	1.79	2.12	1.98	1.93	1.97	1.39	1.45	1.15	0.92
12	1.41	1.47	1.74	1.77	2.08	2.35	---	1.90	1.37	1.35	1.14	0.91
13	1.41	1.47	2.04	1.76	2.03	2.57	---	2.09	1.36	1.70	1.12	0.95
14	1.86	1.47	2.21	1.74	1.98	2.17	---	1.91	1.44	3.31	1.11	2.31
15	1.59	1.48	1.85	1.69	1.96	2.05	---	1.80	1.53	2.00	1.12	1.89
16	1.44	1.47	1.71	1.67	1.97	1.98	1.92	1.75	1.39	1.64	1.12	1.50
17	1.43	1.46	2.32	1.67	1.94	1.94	1.88	1.72	1.36	1.50	1.44	1.34
18	1.42	1.47	2.93	1.67	1.90	1.90	1.85	2.39	1.33	1.41	1.28	6.61
19	1.42	1.46	2.18	4.12	1.89	1.87	1.80	1.88	1.35	1.35	1.44	2.76
20	1.42	1.46	1.92	4.38	2.00	1.90	1.77	1.73	1.37	1.31	1.22	2.35
21	1.41	---	1.79	3.77	1.97	2.62	1.76	1.68	1.36	1.29	1.17	6.70
22	1.41	---	1.75	2.73	1.88	2.05	1.73	1.65	1.35	1.70	1.27	3.72
23	1.41	---	2.26	2.93	1.86	1.95	1.72	1.62	1.35	3.16	1.16	2.63
24	1.42	---	2.69	3.01	1.84	1.90	1.68	1.61	1.38	4.06	1.12	2.28
25	1.80	---	2.07	6.84	1.83	1.86	1.74	1.58	1.58	2.36	1.09	2.95
26	1.51	---	1.90	3.12	1.84	2.31	1.69	1.55	1.55	1.91	1.08	3.04
27	1.41	---	1.82	2.60	1.82	2.51	1.69	1.58	1.41	1.71	1.06	3.68
28	1.42	---	1.79	2.38	1.80	2.06	1.68	1.53	1.42	1.60	1.07	2.64
29	1.44	1.53	1.79	2.25	---	1.96	1.90	1.50	1.39	1.50	1.07	2.30
30	1.45	2.14	1.75	2.17	---	5.40	1.84	1.52	1.37	1.44	1.07	2.17
31	1.47	---	1.72	2.12	---	7.35	---	1.53	---	1.40	1.10	---
MEAN	1.48	---	1.89	2.42	2.10	2.45	---	2.09	1.48	1.79	1.20	2.13
MAX	2.33	---	2.93	6.84	3.51	7.35	---	7.12	2.22	4.06	1.50	6.70
MIN	1.30	---	1.55	1.67	1.80	1.80	---	1.50	1.33	1.27	1.06	0.91

STATION NUMBER 02336968 NOSES CREEK AT POWDER SPRINGS RD,POWDER SPRINGS,GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 335133 LONGITUDE 0843910 NAD27 DRAINAGE AREA 44.5 CONTRIBUTING DRAINAGE AREA 44.5* DATUM 882.8 NGVD29
Date Processed: 2003-03-12 14:54 By acday
APPROVED
DD #13, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.00	0.08	0.01	0.01	0.00	0.00	0.07	0.61	0.00
2	0.00	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.00	0.02	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.12	0.00	0.00	0.00	0.09	0.00	0.00
4	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.84	0.01	0.00	0.00
5	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
6	0.26	0.00	0.00	0.56	1.40	0.00	0.00	0.00	0.04	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.12	0.06	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.01	0.00	0.23	0.00	0.00
11	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00
12	0.00	0.00	0.01	0.03	0.00	0.65	---	0.00	0.00	0.00	0.00	0.00
13	0.08	0.00	0.29	0.00	0.00	0.04	---	0.81	0.00	0.38	0.00	1.52
14	0.61	0.00	0.17	0.00	0.00	0.00	---	0.00	0.62	0.72	0.00	0.48
15	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.26
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
17	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.01	2.70
18	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.25	0.00	0.00	0.10	0.43
19	0.00	0.00	0.00	2.47	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.00	0.00	0.00	0.19	0.52	0.00	0.00	0.00	0.00	0.00	2.60
21	0.00	---	0.00	0.66	0.00	0.14	0.00	0.00	0.00	0.37	0.18	0.48
22	0.00	---	0.00	0.52	0.00	0.00	0.00	0.00	0.02	1.01	0.00	0.24
23	0.00	---	0.70	0.03	0.00	0.00	0.00	0.00	0.03	0.36	0.00	0.00
24	0.00	---	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
25	0.04	---	0.00	0.08	0.00	0.00	0.00	0.00	0.78	0.10	0.00	1.00
26	0.00	---	0.00	0.00	0.03	0.44	0.00	0.00	0.01	0.11	0.01	0.22
27	0.00	---	0.00	0.00	0.00	0.00	0.00	0.02	0.18	0.01	0.00	0.48
28	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
29	0.00	0.04	0.00	0.00	---	0.00	0.00	0.00	0.01	0.00	0.00	0.00
30	0.00	0.35	0.00	0.00	---	2.52	0.00	0.00	0.05	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.39	---	0.11	---	0.00	0.00	---
TOTAL	1.10	---	2.83	5.80	1.81	6.41	---	1.44	2.67	3.76	1.05	10.41

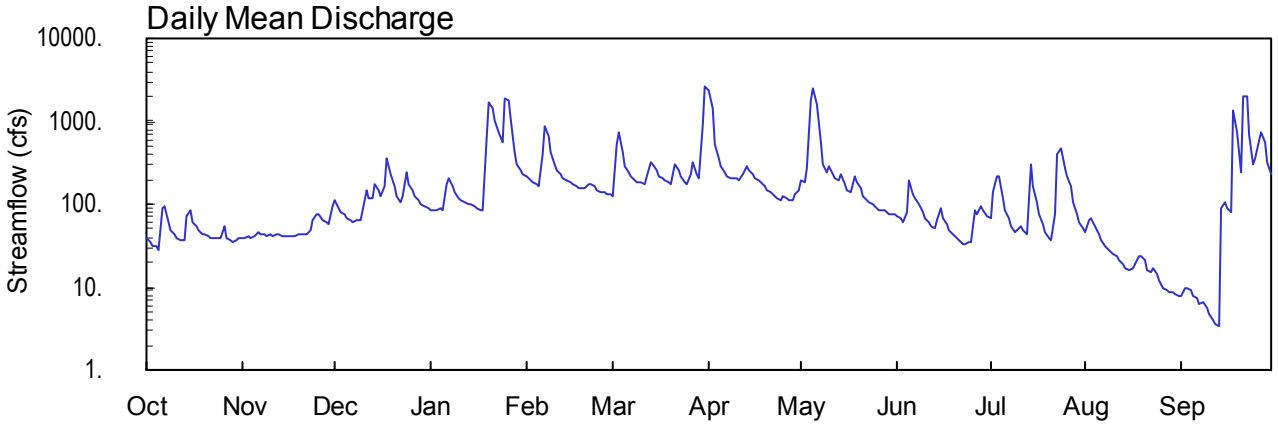
APALACHICOLA RIVER BASIN

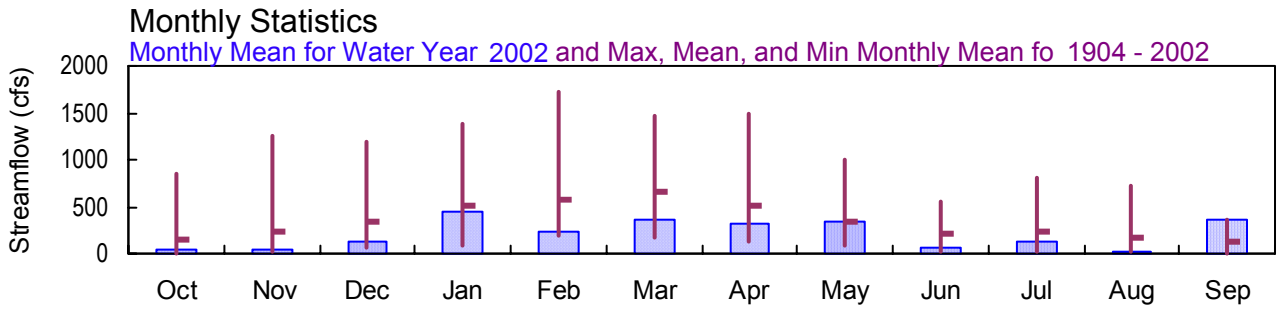
2002 Water Year

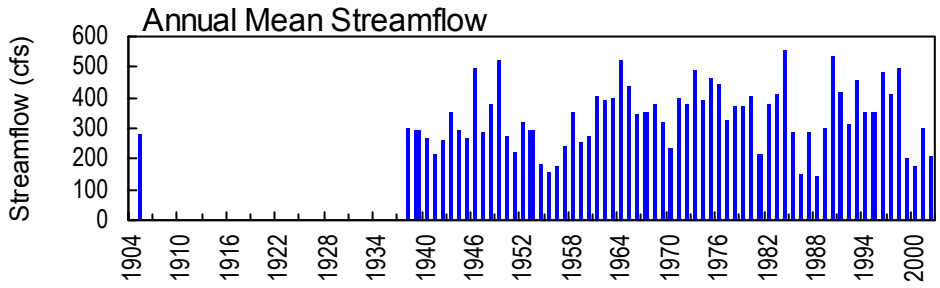
02337000 SWEETWATER CREEK NEAR AUSTELL, GA

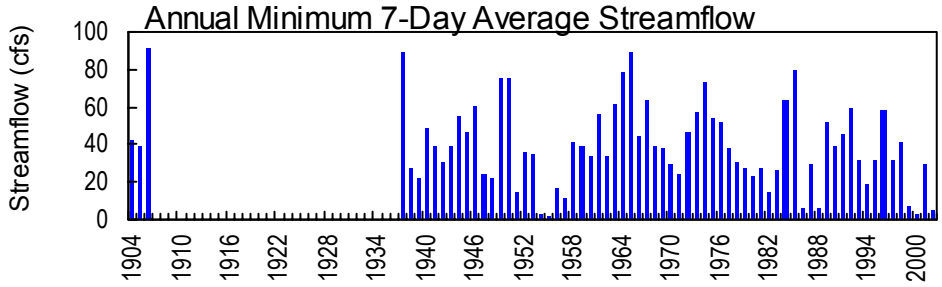
Latitude: 33°46'22" Longitude: 84°36'53" Hydrologic Unit Code: 03130002 Douglas County

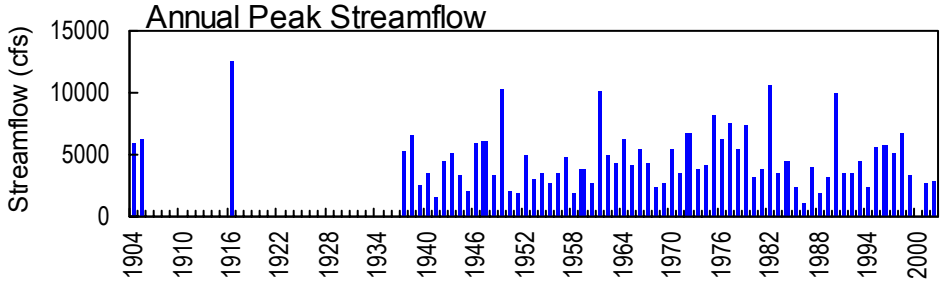
Drainage Area: 246. mi^2 Datum: 857.01 feet

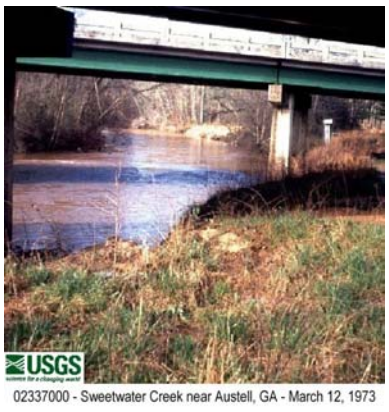












02337000 - Sweetwater Creek near Austell, GA - March 12, 1973

APALACHICOLA RIVER BASIN
2002 Water Year

02337000 SWEETWATER CREEK NEAR AUSTELL, GA

LOCATION.—Lat 33°46'22", long 84°36'53" referenced to North American Datum (NAD) of 1927, Douglas County, Hydrologic Unit 03130002, on right bank 100.0 feet upstream from bridge on Interstate 20, 400.0 feet upstream from Blair Bridge, 3.0 miles southeast of Austell, and 5.5 miles upstream from mouth.

DRAINAGE AREA.—246 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1904 to December 1905, November to December 1913, March 1937 to current year. Monthly discharge only for November to December 1913, published in WSP 1304.

REVISED RECORDS.—WSP 1724: 1949(M). WDR GA-79-1: 1975(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 857.01 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). From May 6, 1904, to December 31, 1905, and November 3 to December 27, 1913, a non-recording gage was located at site 2.5 miles upstream at different datum. From March 24 to November 29, 1937, a non-recording gage was located at present site and datum.

REMARKS.—Records good, except for periods of estimated discharges, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of July 8, 1916 reached a stage of about 20.0 feet, from information by local resident; discharge, 12,600 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than a base discharge of 1,800 ft^3/s and maximum(*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 20	1115	1,860	6.16
Jan. 25	2300	2,260	7.14
Mar. 31	1945	2,840*	8.54*
May 5	0615	2,710	8.22
Sep. 21	2200	2,650	8.09

02337000 SWEETWATER CREEK NEAR AUSTELL, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1904 to December 1905, November to December 1913, March 1937 to current year. Monthly discharge only for November to December 1913, published in WSP 1304.

REVISED RECORDS.—WSP 1724: 1949(M). WDR GA-79-1: 1975(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 857.01 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). From May 6, 1904, to December 31, 1905, and November 3 to December 27, 1913, a non-recording gage was located at site 2.5 miles upstream at different datum. From March 24 to November 29, 1937, a non-recording gage was located at present site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.54 feet, March 31; minimum gage-height recorded, -0.23 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 14, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02337000 SWEETWATER CREEK NEAR AUSTELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 097
LATITUDE 334622 LONGITUDE 0843653 NAD27 DRAINAGE AREA 246.00* CONTRIBUTING DRAINAGE AREA DATUM 857.01 NGVD29
Date Processed: 2003-03-11 10:44 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	38	112	85	214	126	2370	195	72	68	45	8.0
2	35	39	88	e85	201	534	1460	181	66	139	65	9.5
3	32	41	81	87	182	728	538	268	62	216	69	9.7
4	31	39	74	89	173	434	362	1760	78	222	55	9.1
5	28	42	67	86	164	290	288	2510	198	117	43	e8.0
6	91	45	63	173	404	237	247	1630	130	86	37	e7.3
7	96	44	62	204	885	212	221	548	117	66	32	6.1
8	61	44	63	161	655	197	207	304	99	53	29	6.5
9	49	42	63	136	412	185	203	238	81	46	27	5.5
10	43	43	85	120	302	185	204	282	69	49	25	4.7
11	39	41	151	111	255	172	200	234	61	55	23	4.0
12	37	44	115	106	225	213	234	201	55	49	21	3.5
13	36	43	119	102	206	313	291	198	50	43	19	3.4
14	71	41	175	100	191	309	255	230	63	299	17	90
15	83	41	150	94	180	256	230	175	91	165	16	104
16	62	42	124	88	173	218	210	150	68	105	17	89
17	54	41	161	86	167	203	195	136	57	74	19	80
18	49	42	357	85	157	193	186	220	49	56	e24	1350
19	44	43	224	633	152	182	164	182	44	45	23	756
20	44	43	164	1710	158	179	149	153	40	38	21	246
21	41	43	127	1410	177	307	139	128	37	37	16	1960
22	39	43	107	1010	171	263	130	113	33	76	15	2030
23	39	48	128	743	161	213	121	104	33	390	17	703
24	40	65	243	544	149	187	112	99	35	482	14	e300
25	40	74	173	1920	142	173	123	93	35	279	12	349
26	53	75	144	1810	139	230	118	86	87	215	10	578
27	38	64	123	1070	135	316	112	83	77	165	9.4	742
28	36	61	109	432	129	235	109	83	96	103	8.8	551
29	35	58	102	310	---	203	132	77	85	75	8.9	316
30	37	96	95	260	---	895	149	75	73	62	8.4	226
31	38	---	90	233	---	2590	---	76	---	52	8.0	---
TOTAL	1459	1465	3939	14083	6659	10978	9459	10812	2141	3927	754.5	10555.3
MEAN	47.1	48.8	127	454	238	354	315	349	71.4	127	24.3	352
MAX	96	96	357	1920	885	2590	2370	2510	198	482	69	2030
MIN	28	38	62	85	129	126	109	75	33	37	8.0	3.4
CFSM	0.19	0.20	0.52	1.85	0.97	1.44	1.28	1.42	0.29	0.51	0.10	1.43
IN.	0.22	0.22	0.60	2.13	1.01	1.66	1.43	1.63	0.32	0.59	0.11	1.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2002, BY WATER YEAR (WY)

MEAN	156	226	339	508	582	659	520	332	223	230	177	125
MAX	852	1265	1196	1378	1727	1473	1494	1007	560	805	722	352
(WY)	1990	1949	1984	1972	1961	1990	1979	1991	1989	1905	1904	2002
MIN	5.66	25.7	68.8	81.6	183	173	130	87.5	20.7	15.8	23.0	4.36
(WY)	1955	1955	1956	1956	1938	1988	1986	1988	1988	1986	1954	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1904 - 2002	
ANNUAL TOTAL	97566		76231.8			
ANNUAL MEAN	267		209		336	
HIGHEST ANNUAL MEAN					553	1984
LOWEST ANNUAL MEAN					141	1988
HIGHEST DAILY MEAN	2670	Mar 21	2590	Mar 31	10100	Feb 4 1982
LOWEST DAILY MEAN	28	Oct 5	3.4	Sep 13	2.1	Oct 9 1954
ANNUAL SEVEN-DAY MINIMUM	36	Sep 29	4.8	Sep 7	2.3	Oct 5 1954
MAXIMUM PEAK FLOW			2840	Mar 31	10700	Feb 4 1982
MAXIMUM PEAK STAGE			8.54	Mar 31	19.90	Feb 4 1982
INSTANTANEOUS LOW FLOW			3.1	Sep 13	0.52	Jul 6 1990
ANNUAL RUNOFF (CFSM)	1.09		0.85		1.37	
ANNUAL RUNOFF (INCHES)	14.75		11.53		18.57	
10 PERCENT EXCEEDS	597		373		670	
50 PERCENT EXCEEDS	133		102		195	
90 PERCENT EXCEEDS	42		28		58	

e Estimated

STATION NUMBER 02337000 SWEETWATER CREEK NEAR AUSTELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 097
LATITUDE 334622 LONGITUDE 0843653 NAD27 DRAINAGE AREA 246.00* CONTRIBUTING DRAINAGE AREA DATUM 857.01 NGVD29
Date Processed: 2003-03-11 10:44 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.62	0.62	1.29	1.10	1.82	1.38	7.41	1.73	1.00	0.96	0.72	0.02
2	0.59	0.64	1.13	---	1.76	2.73	5.18	1.67	0.94	1.43	0.92	0.08
3	0.56	0.66	1.07	1.12	1.67	3.37	2.89	2.02	0.90	1.82	0.97	0.09
4	0.53	0.64	1.01	1.13	1.63	2.62	2.41	5.92	1.00	1.83	0.83	0.07
5	0.50	0.67	0.95	1.11	1.58	2.15	2.14	7.75	1.74	1.32	0.69	---
6	0.97	0.71	0.91	1.61	2.39	1.93	1.97	5.61	1.40	1.11	0.60	---
7	1.17	0.69	0.90	1.77	3.75	1.81	1.85	2.91	1.33	0.94	0.54	-0.05
8	0.89	0.69	0.91	1.57	3.18	1.74	1.78	2.20	1.20	0.81	0.50	-0.04
9	0.76	0.67	0.91	1.44	2.55	1.68	1.76	1.93	1.07	0.73	0.47	-0.09
10	0.68	0.68	1.09	1.34	2.19	1.69	1.77	2.12	0.97	0.74	0.44	-0.13
11	0.64	0.66	1.51	1.29	2.00	1.63	1.75	1.91	0.89	0.81	0.40	-0.17
12	0.60	0.69	1.31	1.25	1.87	1.81	1.91	1.75	0.82	0.75	0.36	-0.21
13	0.59	0.68	1.33	1.22	1.78	2.24	2.15	1.74	0.77	0.68	0.33	-0.21
14	0.95	0.66	1.64	1.21	1.71	2.22	2.00	1.89	0.88	2.09	0.29	0.90
15	1.08	0.66	1.51	1.17	1.66	2.01	1.89	1.64	1.15	1.58	0.27	1.24
16	0.90	0.67	1.36	1.13	1.63	1.84	1.80	1.52	0.96	1.24	0.28	1.13
17	0.81	0.66	1.52	1.11	1.60	1.76	1.73	1.43	0.84	1.01	0.32	1.06
18	0.76	0.67	2.37	1.11	1.55	1.72	1.69	1.85	0.76	0.84	---	4.90
19	0.71	0.68	1.87	2.79	1.52	1.67	1.58	1.67	0.69	0.71	0.41	3.41
20	0.69	0.68	1.59	5.80	1.55	1.66	1.51	1.53	0.65	0.62	0.38	1.95
21	0.66	0.68	1.38	5.06	1.65	2.21	1.45	1.39	0.60	0.60	0.27	6.40
22	0.64	0.68	1.26	4.05	1.62	2.04	1.40	1.30	0.56	0.98	0.23	6.58
23	0.64	0.75	1.37	3.40	1.57	1.81	1.35	1.24	0.55	2.45	0.28	3.30
24	0.65	0.93	1.95	2.91	1.51	1.70	1.30	1.20	0.57	2.68	0.22	---
25	0.65	1.01	1.63	6.31	1.47	1.63	1.36	1.16	0.58	2.08	0.16	2.30
26	0.80	1.02	1.48	6.05	1.45	1.88	1.33	1.12	1.09	1.81	0.11	3.00
27	0.63	0.92	1.36	4.20	1.43	2.24	1.30	1.09	1.04	1.58	0.08	3.40
28	0.60	0.89	1.27	2.61	1.40	1.92	1.27	1.09	1.18	1.23	0.06	2.92
29	0.58	0.86	1.22	2.22	---	1.77	1.41	1.04	1.11	1.02	0.06	2.24
30	0.61	1.16	1.18	2.03	---	3.67	1.50	1.02	1.00	0.89	0.04	1.88
31	0.62	---	1.14	1.91	---	7.93	---	1.03	---	0.79	0.03	---
MAX	1.17	1.16	2.37	---	3.75	7.93	7.41	7.75	1.74	2.68	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02337000 SWEETWATER CREEK NEAR AUSTELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 097
LATITUDE 334622 LONGITUDE 0843653 NAD27 DRAINAGE AREA 246.00* CONTRIBUTING DRAINAGE AREA DATUM 857.01 NGVD29
Date Processed: 2003-03-11 10:44 By acday
APPROVED
DD #8, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.14	0.01	0.00	0.01	0.00	0.01	0.12	0.00
2	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00	0.33	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.22	0.00	1.19	0.00	0.10	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.23	1.01	0.01	0.00	0.00
5	0.07	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
6	0.18	0.00	0.00	0.57	1.73	0.00	0.00	0.00	0.02	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.05	0.08	0.12	0.00	0.00	0.00	0.00
10	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.02	0.00	0.47	0.00	0.00
11	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
12	0.00	0.00	0.00	0.04	0.00	0.62	0.50	0.00	0.00	0.00	0.00	0.00
13	0.08	0.00	0.37	0.00	0.00	0.04	0.06	0.24	0.00	0.26	0.00	0.69
14	0.57	0.00	0.46	0.00	0.00	0.00	0.03	0.00	0.52	0.00	0.01	0.63
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
16	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.89	0.00	0.00	0.00	0.06	0.54	0.00	0.00	0.06	0.98
18	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.19	0.00	0.00	0.21	1.90
19	0.00	0.00	0.00	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
20	0.00	0.00	0.00	0.00	0.16	0.44	0.00	0.00	0.00	0.00	0.00	0.82
21	0.00	0.00	0.00	0.55	0.00	0.19	0.00	0.00	0.00	0.18	0.01	0.82
22	0.00	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.90	0.03	0.28
23	0.00	0.33	0.57	0.10	0.00	0.00	0.00	0.00	0.04	0.54	0.00	0.00
24	0.00	0.05	0.01	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.07	0.12	0.00	0.10	0.00	0.00	0.41	0.00	0.05	0.00	0.00	1.16
26	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.03	1.61	0.01	0.26
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.28
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.23	0.00	0.00	0.00	0.00	0.00
30	0.00	0.37	0.00	0.00	---	2.81	0.67	0.00	0.04	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.66	---	0.00	---	0.00	0.00	---
TOTAL	0.97	0.87	3.04	6.51	2.12	7.41	2.07	4.54	1.94	4.50	0.46	8.20

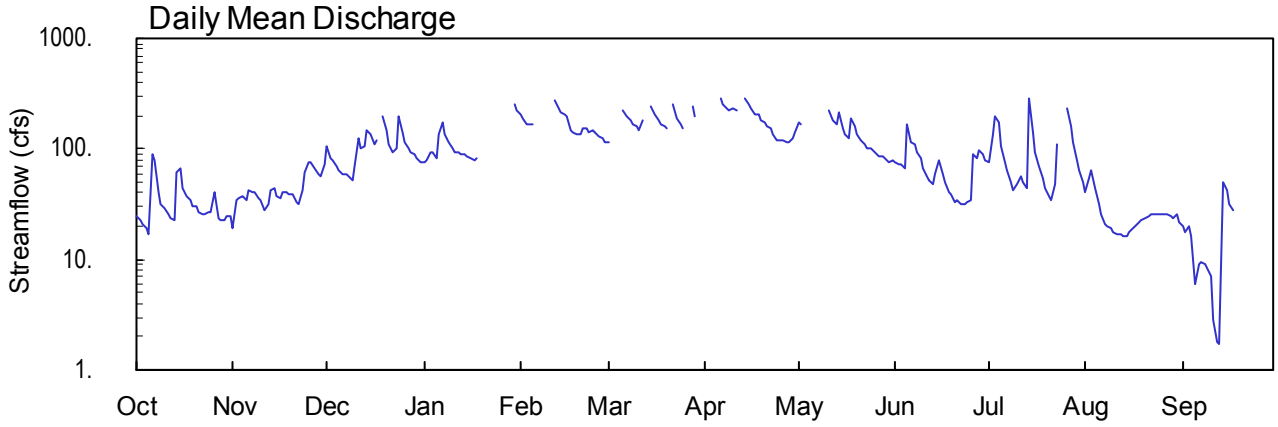
APALACHICOLA RIVER BASIN

Water Year

02337040 SWEETWATER CREEK BELOW AUSTELL, GA

Latitude: 33°43'15" Longitude: 84°36'54" Hydrologic Unit Code: 03130002 Douglas County

Drainage Area: 262. mi^2 Datum: 740.00 feet



APALACHICOLA RIVER BASIN
2002 Water Year

02337040 SWEETWATER CREEK BELOW AUSTELL, GA

LOCATION.—Lat 33°43'15", long 84°36'54", referenced to North American Datum (NAD) of 1983, Douglas County, Hydrologic Unit 03130002, on left bank where River Road accesses Sweetwater Creek, 1.3 miles upstream from confluence with Chattahoochee River, 6.3 miles south of Austell, 7.8 miles southeast of Douglasville.

DRAINAGE AREA.—262 mi^2.

COOPERATION.—City of East Point.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August, 1998 to September, 2001, October 1, 2001 to current year.

REVISED RECORDS.—WSP 1724: 1949(M). WDR GA-79-1: 1975(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 740.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records poor. Record above 3.00 feet not published due to backwater from Chattahoochee River.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August, 1998 to September, 2001, October 1, 2001 to current year.

REVISED RECORDS.—WSP 1724: 1949(M). WDR GA-79-1: 1975(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 740.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records poor. Record above 3.00 feet affected by backwater from Chattahoochee River.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 16.76 feet, May 4; minimum gage-height recorded, 0.48 feet, September 14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 1, 2001 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02337040 SWEETWATER CREEK BELOW AUSTELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 097
LATITUDE 334315 LONGITUDE 0843654 NAD27 DRAINAGE AREA 262* CONTRIBUTING DRAINAGE AREA DATUM 740 NGVD29
Date Processed: 2003-03-11 10:47 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e25	19	104	76	202	113	---	177	77	e75	e41	e20
2	e23	34	83	80	187	---	---	168	72	e140	e54	e18
3	e21	36	79	92	168	---	---	---	72	e200	e65	e20
4	e19	37	71	92	166	---	---	---	67	e180	e45	16
5	e17	35	63	82	164	---	---	---	170	e110	e32	5.9
6	e90	42	59	133	---	227	287	---	114	e77	e26	9.0
7	e78	41	58	172	---	198	256	---	111	e64	e21	9.3
8	e41	41	57	133	---	179	231	---	95	e50	e20	9.0
9	e32	36	53	113	---	166	226	230	82	e43	e19	8.5
10	e29	34	70	102	---	157	229	---	67	e48	e18	7.2
11	e26	28	124	95	---	150	224	221	57	e57	e17	2.8
12	e24	32	102	93	272	185	---	179	53	e50	e17	1.8
13	e23	42	104	90	233	---	---	164	47	e44	e16	1.7
14	e61	45	150	89	217	---	289	211	e60	e280	e16	51
15	e67	37	133	85	206	248	258	154	e80	e140	e18	42
16	e44	36	109	81	194	205	230	135	e60	e94	e19	32
17	e37	41	122	78	149	185	210	123	e50	e71	e20	28
18	e34	40	---	83	142	169	210	191	40	e55	e22	---
19	e30	39	200	---	136	160	185	161	39	e45	e23	---
20	e30	39	147	---	136	156	173	134	33	e37	e24	142
21	e27	33	110	---	155	---	162	118	34	e35	e25	---
22	e26	31	92	---	151	249	155	108	32	e47	e26	---
23	e26	42	103	---	143	192	136	103	32	e110	e26	---
24	e27	62	199	---	149	165	120	101	e33	---	e26	---
25	e27	75	141	---	139	153	118	99	e35	---	e26	---
26	e40	77	117	---	132	---	118	91	e90	e230	e26	---
27	e24	67	101	---	125	---	116	86	e83	e160	e26	---
28	e23	60	94	---	113	241	115	85	e97	e120	e25	---
29	e23	56	89	---	---	201	126	80	e89	e80	e24	---
30	e25	73	82	252	---	---	139	76	e80	e64	e26	130
31	e25	---	77	226	---	---	---	78	---	e51	e22	---
TOTAL	1044	1310	---	---	---	---	---	---	2051	---	811	---
MEAN	33.7	43.7	---	---	---	---	---	---	68.4	---	26.2	---
MAX	90	77	---	---	---	---	---	---	170	---	65	---
MIN	17	19	---	---	---	---	---	---	32	---	16	---
CFSM	0.13	0.17	---	---	---	---	---	---	0.26	---	0.10	---
IN.	0.15	0.19	---	---	---	---	---	---	0.29	---	0.12	---

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02337040 SWEETWATER CREEK BELOW AUSTELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 097
LATITUDE 334315 LONGITUDE 0843654 NAD27 DRAINAGE AREA 262* CONTRIBUTING DRAINAGE AREA DATUM 740 NGVD29
Date Processed: 2003-03-11 10:47 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.88	1.83	1.57	2.49	1.90	8.94	2.35	1.57	---	---	---
2	---	1.14	1.63	1.60	2.40	4.23	6.41	2.29	1.53	---	---	---
3	---	1.17	1.59	1.72	2.29	5.20	4.10	2.62	1.53	---	---	---
4	---	1.18	1.53	1.72	2.28	3.61	3.42	10.65	1.49	---	---	1.10
5	---	1.15	1.46	1.62	2.27	2.95	3.09	11.14	2.29	---	---	0.79
6	---	1.24	1.42	2.03	3.72	2.63	2.90	6.49	1.91	---	---	0.92
7	---	1.22	1.41	2.32	5.96	2.47	2.76	3.97	1.88	---	---	0.94
8	---	1.23	1.40	2.06	4.44	2.36	2.64	2.99	1.74	---	---	0.94
9	---	1.16	1.36	1.90	3.63	2.28	2.62	2.64	1.62	---	---	0.93
10	---	1.14	1.52	1.81	3.11	2.22	2.64	2.87	1.49	---	---	0.88
11	---	1.06	1.99	1.75	3.03	2.17	2.61	2.59	1.40	---	---	0.65
12	---	1.10	1.80	1.73	2.83	2.38	2.74	2.36	1.36	---	---	0.57
13	---	1.25	1.82	1.70	2.65	2.97	3.10	2.27	1.30	---	---	0.55
14	---	1.28	2.17	1.69	2.57	2.98	2.91	2.53	1.44	---	---	1.49
15	---	1.17	2.06	1.65	2.51	2.73	2.77	2.20	1.62	---	---	1.58
16	---	1.16	1.87	1.61	2.45	2.51	2.64	2.07	1.43	---	---	1.46
17	---	1.23	1.93	1.59	2.17	2.39	2.53	1.98	1.29	---	---	1.39
18	---	1.21	3.17	1.63	2.12	2.30	2.54	2.41	1.22	---	---	6.18
19	---	1.20	2.48	4.66	2.08	2.24	2.39	2.25	1.20	---	---	4.22
20	---	1.20	2.15	9.99	2.08	2.22	2.32	2.06	1.13	---	---	2.34
21	---	1.13	1.87	6.35	2.21	2.85	2.26	1.94	1.14	---	---	6.73
22	---	1.10	1.72	5.25	2.19	2.73	2.21	1.86	1.11	---	---	8.36
23	---	1.24	1.80	5.29	2.13	2.44	2.08	1.81	1.11	---	---	4.19
24	---	1.44	2.47	3.94	2.17	2.27	1.95	1.80	---	---	---	2.72
25	---	1.56	2.11	9.94	2.10	2.20	1.94	1.78	---	---	---	2.68
26	---	1.58	1.94	7.23	2.05	2.58	1.94	1.71	---	---	---	3.74
27	---	1.49	1.80	5.40	1.99	3.14	1.92	1.66	---	---	---	4.06
28	---	1.43	1.74	3.60	1.90	2.69	1.91	1.65	---	---	---	---
29	---	1.39	1.69	3.01	---	2.48	2.00	1.61	---	---	---	2.79
30	---	1.54	1.62	2.74	---	4.94	2.09	1.57	---	---	---	---
31	---	---	1.58	2.62	---	13.69	---	1.59	---	---	---	---
MEAN	---	1.24	1.84	3.28	2.64	3.12	2.88	2.89	---	---	---	---
MAX	---	1.58	3.17	9.99	5.96	13.69	8.94	11.14	---	---	---	---
MIN	---	0.88	1.36	1.57	1.90	1.90	1.91	1.57	---	---	---	---

STATION NUMBER 02337040 SWEETWATER CREEK BELOW AUSTELL, GA SOURCE AGENCY USGS STATE 13 COUNTY 097
LATITUDE 334315 LONGITUDE 0843654 NAD27 DRAINAGE AREA 262* CONTRIBUTING DRAINAGE AREA DATUM 740 NGVD29
Date Processed: 2003-03-11 10:47 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.11	0.01	0.00	0.02	0.00	0.00	0.14	0.00
2	---	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00	0.53	0.08	0.00
3	---	0.00	0.00	0.00	0.01	0.23	0.00	0.72	0.00	0.07	0.00	0.00
4	---	0.00	0.00	0.00	---	0.00	0.00	1.69	1.07	0.01	0.00	0.00
5	---	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
6	---	0.00	0.00	0.62	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	---	0.00	0.00	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
9	---	0.00	0.00	0.00	0.00	0.17	0.12	0.31	0.00	0.00	0.00	0.00
10	---	0.00	0.75	0.00	0.00	0.00	0.00	0.05	0.00	0.02	0.00	0.00
11	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.88	0.00	0.00
12	---	0.00	0.00	0.04	0.00	0.57	0.33	0.00	0.00	0.00	0.00	0.00
13	---	0.00	0.26	0.00	0.00	0.02	0.05	0.13	0.26	0.22	0.00	0.63
14	---	0.00	0.24	0.00	0.00	0.00	0.24	0.00	0.60	0.00	0.05	0.66
15	---	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.38
16	---	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	---	0.00	0.00
17	---	0.00	0.66	0.00	0.00	0.00	0.16	0.28	0.00	0.00	0.02	0.02
18	---	0.00	---	0.01	0.00	0.00	0.01	0.28	0.00	0.00	0.22	1.85
19	---	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
20	---	0.00	0.00	0.00	0.18	0.34	0.00	0.00	0.00	0.00	0.00	0.75
21	---	0.00	0.00	0.43	0.00	0.21	0.00	0.00	0.00	0.09	0.00	0.93
22	---	0.00	0.00	1.24	0.00	0.00	0.01	0.00	0.00	1.33	0.00	0.31
23	---	0.32	0.58	0.06	0.00	0.00	0.00	0.00	0.11	0.14	0.00	0.00
24	---	0.02	0.00	1.47	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00
25	---	0.03	0.00	0.09	0.00	0.00	0.39	0.00	0.14	0.00	0.00	1.19
26	---	0.00	0.00	0.00	0.01	0.37	0.01	0.02	0.05	0.56	0.00	0.26
27	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.78	0.00	0.01	0.14
28	---	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00
29	---	0.00	0.00	0.00	---	---	0.07	0.00	0.00	0.00	0.00	0.00
30	---	0.36	0.00	0.00	---	2.70	0.76	0.01	0.01	0.00	0.04	0.00
31	---	---	0.00	0.00	---	---	---	0.01	---	0.00	0.00	---
TOTAL	---	0.73	---	6.62	---	---	2.35	3.52	3.14	---	0.81	7.12

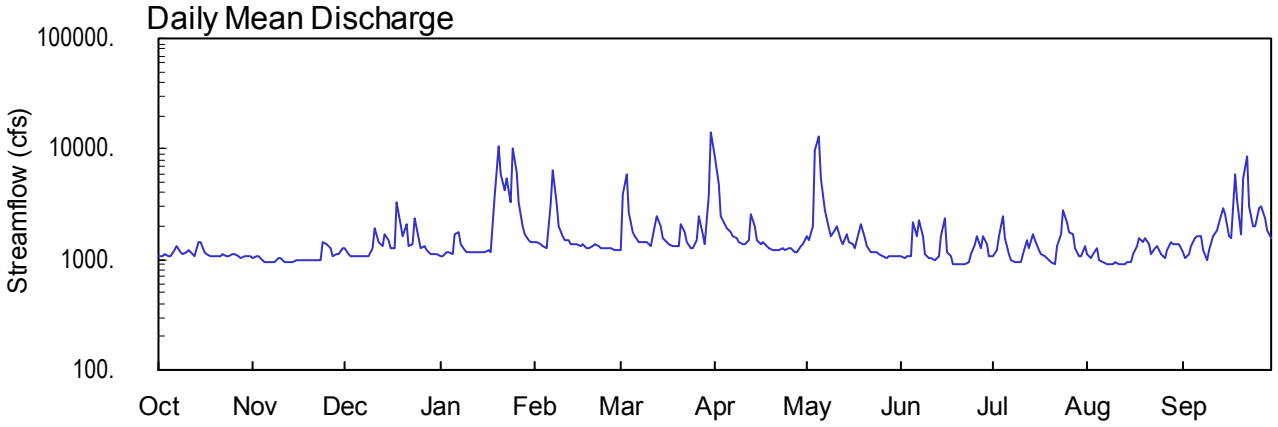
APALACHICOLA RIVER BASIN

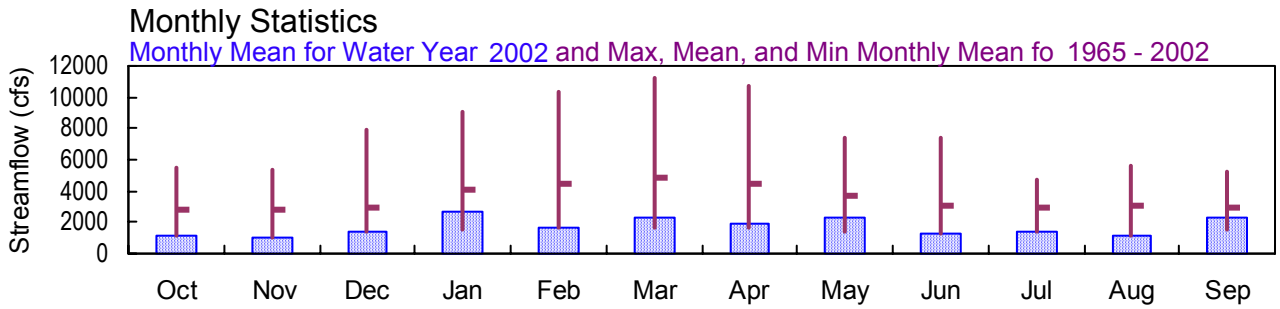
2002 Water Year

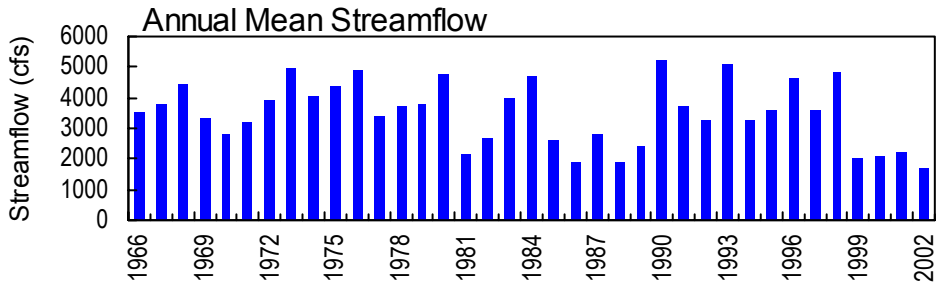
02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA

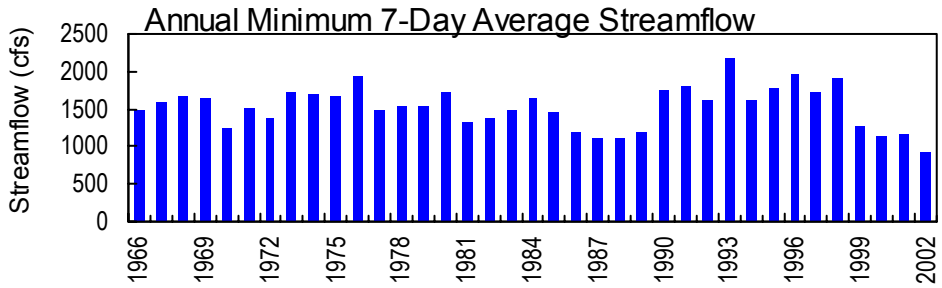
Latitude: 33°39'24" Longitude: 84°40'25" Hydrologic Unit Code: 03130002 Fulton County

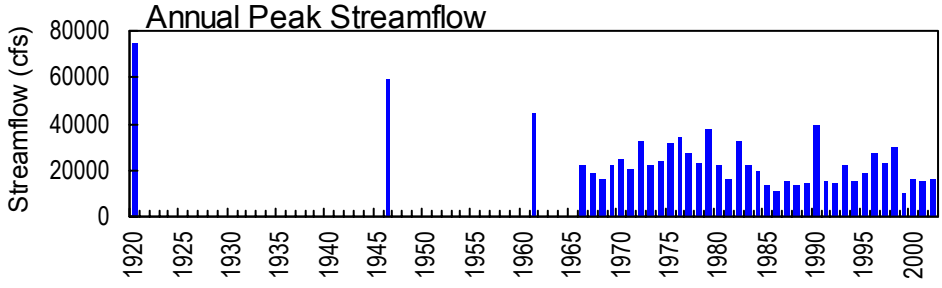
Drainage Area: 2,060. mi^2 Datum: 719.07 feet

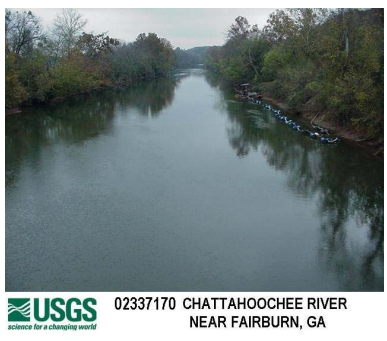












APALACHICOLA RIVER BASIN
2002 Water Year

02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA

LOCATION.—Lat 33°39'24", long 84°40'25" referenced to North American Datum (NAD) of 1983, Fulton-Douglas County line, Hydrologic Unit 03130002, on GA 74 and 92, 1.4 miles downstream from Deep Creek, 8.5 miles northwest of Fairburn, and at mile 281.8.

DRAINAGE AREA.—2,060 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 1965 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 719.07 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation).

REMARKS.—Records fair, except periods of estimated record, which are poor. Considerable diurnal fluctuation caused by operation of the Morgan Falls hydroelectric plant.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1965 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 719.07 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 15.55 feet, May 5; minimum gage-height recorded, -0.06 feet, November 11.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 21, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00* CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-11 10:54 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1080	1040	1280	1090	1440	1200	e8760	1610	e1050	e1080	e1110	e1180
2	1090	1070	1110	1090	1410	3830	4720	1520	e1040	e1200	e1030	e722
3	1120	1070	1090	1170	1350	5820	2510	e2010	e1080	1650	e1110	e876
4	1070	971	1070	1180	1340	2670	2110	e9710	1080	e2500	e1280	e973
5	1070	959	1070	1120	1290	1790	1890	e13200	e2160	e1530	e975	e1200
6	1230	954	1060	1710	3130	1650	1760	e5450	e1650	e1110	e936	e1420
7	1340	952	1090	1790	6510	e1460	1640	e2750	e2240	e992	e912	e1360
8	1160	964	1050	1370	3190	1420	1530	e1910	e1620	e935	e912	e1200
9	1130	1020	1050	1220	2040	1410	1430	e1650	e1110	e935	e874	e674
10	1150	1010	1250	1160	1630	1440	1390	e1830	e1040	e954	e835	e712
11	1200	941	1890	1180	1520	1330	1360	e2000	e1030	e1110	e874	e1330
12	1130	953	1460	1160	1490	1650	1520	e1480	e999	e1510	e777	e1450
13	1090	960	1340	1160	1400	2480	2520	e1370	e1050	e1260	e842	e1770
14	1410	965	1690	1150	1380	1980	2040	e1690	e1600	e1690	e765	e2470
15	1430	968	1490	1160	1360	1560	1520	e1440	e2320	e1490	e842	e2460
16	1170	983	1250	1160	1330	1450	1390	e1370	e1160	e1200	e1070	e1610
17	1110	990	1240	1200	1360	1360	1410	e1270	e1060	e1130	e1140	e1540
18	1060	976	3250	1160	1270	1340	1330	e1780	e910	e1050	e1540	5970
19	1090	997	e2100	3790	1290	1320	1270	e2100	e890	e1030	e1310	3440
20	1060	994	e1600	10600	1320	1310	1220	e1570	e900	e954	e1560	1720
21	1090	987	e2100	5820	1400	2080	1200	e1320	e910	e915	e1370	5510
22	1110	966	1330	4190	1300	1740	1210	e1160	e920	e1340	e850	8480
23	1090	985	1360	5410	1280	1440	1240	e1160	e960	e1680	e1050	3020
24	1050	1410	2350	3300	1270	1290	1210	e1160	e1110	e2780	e1170	e2040
25	1110	1350	1560	10100	1260	1290	1280	e1100	e1390	e2190	e1050	1970
26	1140	1250	1290	6190	1270	1500	1270	e1050	e1620	e1800	e760	e2970
27	1050	1060	1310	3330	1220	e2480	1150	e1030	e1260	e1720	e895	2980
28	1040	1110	1190	2010	1210	1660	1170	e1070	e1600	e1280	e1180	2380
29	1060	1140	1140	1680	---	e1370	1310	e1060	e1350	e1070	e1220	1820
30	1050	1270	1110	1520	---	3710	1370	e1050	e1080	e1050	e1070	1570
31	1050	---	1100	1450	---	13900	---	e1060	---	e1320	e1150	---
TOTAL	35030	31265	44270	81620	47260	70930	55730	69930	38189	42455	32459	66817
MEAN	1130	1042	1428	2633	1688	2288	1858	2256	1273	1370	1047	2227
MAX	1430	1410	3250	10600	6510	13900	8760	13200	2320	2780	1560	8480
MIN	1040	941	1050	1090	1210	1200	1150	1030	890	915	760	674
CFSM	0.55	0.51	0.69	1.28	0.82	1.11	0.90	1.10	0.62	0.66	0.51	1.08
IN.	0.63	0.56	0.80	1.47	0.85	1.28	1.01	1.26	0.69	0.77	0.59	1.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2002, BY WATER YEAR (WY)

MEAN	2791	2825	2908	4066	4428	4872	4444	3709	3011	2891	3100	2889
MAX	5518	5397	7946	9123	10370	11230	10720	7434	7393	4746	5606	5258
(WY)	1990	1993	1993	1993	1990	1990	1979	1984	1973	1967	1984	1967
MIN	1130	1042	1367	1482	1688	1698	1633	1391	1273	1370	1047	1518
(WY)	2002	2002	1989	1981	2002	1988	1999	2000	2002	2002	2002	2001

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1965 - 2002	
ANNUAL TOTAL	743105		615955			
ANNUAL MEAN	2036		1688		3493	
HIGHEST ANNUAL MEAN					5240	1990
LOWEST ANNUAL MEAN					1688	2002
HIGHEST DAILY MEAN	12000	Mar 15	13900	Mar 31	36900	Apr 14 1979
LOWEST DAILY MEAN	941	Nov 11	674	Sep 9	674	Sep 9 2002
ANNUAL SEVEN-DAY MINIMUM	966	Nov 11	830	Aug 9	830	Aug 9 2002
MAXIMUM PEAK FLOW			16200	May 5	39200	Mar 17 1990
MAXIMUM PEAK STAGE			15.55	May 5	25.74	Mar 17 1990
ANNUAL RUNOFF (CFSM)	0.99		0.82		1.70	
ANNUAL RUNOFF (INCHES)	13.42		11.12		23.04	
10 PERCENT EXCEEDS	3370		2480		6770	
50 PERCENT EXCEEDS	1600		1270		2560	
90 PERCENT EXCEEDS	1070		966		1460	

e Estimated

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00* CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-11 10:51 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.23	0.17	0.54	0.25	0.78	0.41	8.50	1.03	---	0.51	0.38	0.80
2	0.24	0.20	0.28	0.25	0.73	3.36	4.50	0.90	---	0.47	0.31	0.53
3	0.29	0.21	0.24	0.36	0.64	5.61	2.19	1.51	---	1.07	0.33	0.40
4	0.21	0.05	0.21	0.39	0.64	2.34	1.69	9.18	0.23	3.16	0.55	0.61
5	0.21	0.03	0.22	0.28	0.56	1.27	1.41	11.62	2.26	2.07	0.38	1.01
6	0.46	0.02	0.19	1.13	2.63	1.07	1.24	6.71	1.79	1.11	0.28	1.13
7	0.63	0.02	0.25	1.27	6.28	0.81	1.06	4.95	2.51	0.61	0.19	1.08
8	0.35	0.04	0.17	0.67	2.93	0.75	0.92	3.87	1.87	0.36	0.15	0.98
9	0.30	0.13	0.17	0.44	1.60	0.74	0.76	3.02	1.01	0.26	0.11	0.63
10	0.33	0.12	0.48	0.36	1.05	0.78	0.70	2.43	0.56	0.23	0.10	0.44
11	0.41	0.00	1.41	0.38	0.89	0.61	0.66	2.15	0.35	0.22	0.09	0.71
12	0.30	0.02	0.80	0.36	0.85	1.05	0.88	1.72	0.28	0.47	0.09	0.88
13	0.24	0.04	0.63	0.35	0.72	2.17	2.20	1.32	0.25	0.70	0.09	1.54
14	0.73	0.04	1.14	0.34	0.69	1.53	1.60	1.51	0.97	1.44	0.09	2.41
15	0.76	0.05	0.85	0.36	0.66	0.95	0.90	1.13	2.99	1.34	0.08	2.73
16	0.37	0.07	0.48	0.35	0.61	0.79	0.71	0.83	1.73	0.93	0.39	2.30
17	0.28	0.08	0.47	0.41	0.66	0.66	0.73	0.63	0.97	0.61	0.47	1.81
18	0.20	0.06	3.02	0.35	0.52	0.63	0.61	1.43	0.61	0.41	1.06	5.70
19	0.24	0.09	---	3.17	0.56	0.60	0.52	2.06	0.41	0.31	0.80	3.17
20	0.20	0.09	---	10.27	0.60	0.59	0.45	1.46	0.31	0.25	1.37	1.18
21	0.25	0.08	---	5.61	0.72	1.64	0.41	0.86	0.25	0.20	1.04	5.24
22	0.28	0.04	0.61	3.97	0.57	1.20	0.44	0.53	0.22	0.64	0.54	8.22
23	0.25	0.07	0.65	5.20	0.54	0.78	0.47	0.43	0.21	0.88	0.54	2.72
24	0.18	0.73	2.00	3.06	0.52	0.56	0.43	0.38	0.54	3.16	0.75	1.20
25	0.28	0.65	0.96	9.81	0.50	0.56	0.53	0.35	0.64	1.80	0.63	1.49
26	0.32	0.49	0.55	5.98	0.52	0.85	0.52	0.31	1.15	1.20	0.38	2.24
27	0.17	0.20	0.58	3.07	0.45	2.15	0.34	0.28	0.69	1.01	0.39	2.73
28	0.17	0.28	0.41	1.56	0.43	1.08	0.37	0.28	1.23	0.59	0.65	2.03
29	0.19	0.31	0.33	1.12	---	0.67	0.59	0.28	1.00	0.31	0.76	1.31
30	0.18	0.53	0.27	0.90	---	3.25	0.67	0.27	0.66	0.26	0.72	0.97
31	0.18	---	0.26	0.80	---	13.41	---	0.26	---	0.40	0.82	---
MEAN	0.30	0.16	---	2.03	1.03	1.71	1.23	2.05	---	0.87	0.47	1.94
MAX	0.76	0.73	---	10.27	6.28	13.41	8.50	11.62	---	3.16	1.37	8.22
MIN	0.17	0.00	---	0.25	0.43	0.41	0.34	0.26	---	0.20	0.08	0.40

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00* CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-11 10:51 By acday
APPROVED
DD #23, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.13	0.00	0.00	---	0.10	0.01	---	0.01	0.00	0.00	0.09	0.00
2	0.00	---	0.00	---	0.00	1.73	0.00	0.00	0.00	---	---	0.00
3	0.00	0.00	0.00	0.00	0.02	0.21	0.00	---	---	0.00	0.00	---
4	0.00	0.00	0.00	0.12	0.00	0.00	---	0.77	0.97	0.00	0.00	0.00
5	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00
6	0.18	0.00	0.00	0.55	2.13	0.00	0.00	---	0.04	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.08	---	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.09	0.10	0.04	0.00	0.00	0.00	0.01
10	0.00	0.00	0.79	0.00	0.00	0.00	0.00	0.08	0.00	0.01	0.00	0.00
11	0.00	0.00	0.01	0.00	---	0.00	0.00	0.00	0.00	0.74	0.00	0.00
12	0.01	0.00	0.00	0.08	0.00	0.61	---	0.00	0.00	0.00	0.00	0.00
13	0.07	0.00	0.21	0.01	0.00	0.01	---	0.44	0.01	0.08	0.00	---
14	0.44	0.00	0.15	0.00	0.00	0.00	---	0.00	0.13	0.00	0.02	0.65
15	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.01	0.05	0.41
16	0.00	0.00	0.00	0.00	0.00	0.05	---	0.00	0.00	---	0.02	---
17	---	0.00	0.58	0.00	0.00	0.00	---	0.20	---	0.00	0.24	0.07
18	0.00	0.00	0.00	---	0.00	0.00	---	0.37	0.00	0.00	0.14	1.07
19	0.00	0.00	---	2.35	0.00	0.00	---	0.00	0.00	0.00	0.01	0.01
20	0.00	0.00	0.00	0.00	0.19	0.27	0.00	0.00	0.00	0.00	0.04	1.03
21	0.00	0.00	---	0.44	0.01	0.22	0.00	0.00	0.00	0.00	0.00	2.19
22	0.00	0.00	0.00	0.81	0.00	---	0.05	0.00	0.04	0.86	---	0.30
23	0.00	0.33	0.51	0.08	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00
24	0.00	0.04	0.00	1.55	0.00	0.00	0.00	---	0.00	0.00	0.00	---
25	0.28	0.06	0.00	0.13	0.00	0.00	0.01	0.00	0.69	0.00	0.00	1.07
26	---	0.00	0.00	0.00	0.01	0.38	0.00	0.00	---	0.59	0.00	---
27	0.00	0.00	---	0.00	0.00	---	0.01	0.00	0.32	0.01	0.01	0.30
28	0.00	0.00	---	---	0.00	0.00	0.10	---	0.00	0.00	---	0.00
29	0.00	0.01	---	0.00	---	---	0.01	---	0.00	0.00	0.00	0.00
30	0.00	0.35	---	0.00	---	1.82	0.74	---	0.00	0.05	0.00	0.00
31	0.00	---	---	0.00	---	0.49	---	0.00	---	0.00	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---

APALACHICOLA RIVER BASIN
2002 Water Year

02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA

LOCATION.—Lat 33°39'24", long 84°40'25" referenced to North American Datum (NAD) of 1983, Fulton-Douglas County line, Hydrologic Unit 03130002, on GA 74 and 92, 1.4 miles downstream from Deep Creek, 8.5 miles northwest of Fairburn, and at mile 281.8.

DRAINAGE AREA.—2,060 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division.

PERIOD OF RECORD.—October 1970 to May 1972, March 1974 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: July 1976 to current year.
pH: July 1976 to current year.
WATER TEMPERATURE: August 1975 to current year.
DISSOLVED OXYGEN: July 1976 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records fair.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 247 microsiemens, November 22, 2001; minimum recorded, 33 microsiemens, July 7, 1976.
pH: Maximum recorded, 8.7 units, July 22, 1984; minimum recorded, 5.5 units, October 26, 1977.
WATER TEMPERATURE: Maximum recorded, 34.0 °C, August 2, 1999; minimum recorded, 2.5 °C, January 12, 1982.
DISSOLVED OXYGEN: Maximum recorded, 14.6 mg/L, January 21, 1987; minimum recorded, 1.6 mg/L, April 27, 1988.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 247 microsiemens, November 22; minimum, 62 microsiemens, September 22.
pH: Maximum, 7.7 units, December 6, March 26; minimum, 6.6 units, September 14, 15, 22.
WATER TEMPERATURE: Maximum, 32.6 °C, August 6; minimum, 7.2 °C, February 7.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, March 11; minimum, 3.9 mg/L, June 5, July 4.

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #11, YSI (ALL HIST DVS)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	226	197	211	231	213	223	207	182	189	206	193	198
2	221	202	214	225	204	216	203	193	196	---	---	---
3	219	205	213	217	204	210	---	---	---	194	183	189
4	222	205	216	227	206	216	---	---	---	216	192	204
5	231	207	221	231	216	223	---	---	---	223	210	217
6	230	206	221	228	209	220	---	---	---	224	189	204
7	206	179	186	236	215	227	---	---	---	198	158	171
8	212	183	197	240	220	232	---	---	---	183	162	175
9	204	185	196	231	214	222	---	---	---	196	181	190
10	210	194	204	230	215	222	216	194	208	212	191	202
11	216	191	206	234	216	224	196	152	176	216	200	208
12	215	176	200	236	220	228	189	157	169	215	199	209
13	220	192	207	232	210	222	189	165	177	217	201	209
14	208	192	200	239	224	231	190	159	174	206	192	199
15	197	171	178	238	224	232	173	158	169	210	192	201
16	---	---	---	239	221	231	193	171	183	212	190	201
17	---	---	---	239	219	229	215	181	197	200	186	193
18	222	200	214	241	214	227	190	110	130	201	187	194
19	216	205	213	230	217	224	161	131	143	210	77	172
20	226	208	218	229	214	224	178	132	155	84	70	75
21	217	197	209	235	220	229	---	---	---	93	84	88
22	215	193	204	247	226	236	---	---	---	105	89	94
23	---	---	---	231	212	220	---	---	---	106	93	100
24	---	---	---	212	173	197	---	---	---	119	105	112
25	---	---	---	180	163	175	---	---	---	119	86	95
26	---	---	---	184	163	177	---	---	---	101	90	93
27	220	199	212	206	183	196	---	---	---	110	101	105
28	227	207	217	221	200	212	192	176	183	133	112	126
29	220	200	209	217	190	201	198	181	190	159	130	149
30	219	195	209	220	207	214	204	191	197	175	157	166
31	227	211	221	---	---	---	204	191	196	181	165	175
MONTH	231	171	208	247	163	218	216	110	178	224	70	164

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #11, YSI (ALL HIST DVS)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	188	177	183	210	199	205	89	77	83	201	170	185
2	192	179	186	200	85	163	111	89	96	193	160	182
3	197	183	189	101	82	91	142	111	128	---	143	---
4	196	184	190	115	96	106	155	139	147	---	---	---
5	193	181	188	141	115	131	171	155	165	---	---	---
6	196	98	169	156	139	148	179	167	173	---	---	---
7	100	82	89	---	---	---	189	173	181	132	91	113
8	111	100	103	184	170	178	187	178	182	---	---	---
9	127	111	122	191	181	185	192	181	186	---	---	---
10	150	127	143	200	182	190	201	189	194	178	162	167
11	167	149	160	190	180	184	200	185	193	180	129	146
12	179	162	167	190	177	183	---	---	---	174	147	166
13	184	177	180	180	132	149	---	---	---	187	174	180
14	192	172	183	143	132	140	---	---	---	189	156	167
15	190	180	186	167	137	156	---	---	---	191	160	178
16	195	181	190	180	163	171	184	159	172	195	178	188
17	202	176	189	192	175	184	195	183	189	210	182	195
18	200	182	191	194	177	188	195	184	190	183	142	166
19	194	180	187	201	188	195	211	192	200	156	133	143
20	205	188	198	213	198	205	218	197	203	176	155	165
21	211	185	196	207	154	189	220	199	207	185	170	174
22	199	184	192	166	152	160	213	199	205	198	185	193
23	198	187	191	---	---	---	217	201	209	202	191	197
24	203	187	194	---	---	---	217	191	202	209	193	201
25	200	186	192	---	---	---	221	191	208	209	199	203
26	201	182	192	---	---	---	208	188	198	214	200	206
27	212	197	203	170	130	146	210	182	195	207	192	201
28	217	200	208	---	---	---	213	193	203	210	193	203
29	---	---	---	---	---	---	208	189	199	207	197	202
30	---	---	---	---	---	---	193	170	186	219	203	210
31	---	---	---	85	69	72	---	---	---	218	207	212
MONTH	217	82	177	213	69	162	221	77	181	219	91	182

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #11, YSI (ALL HIST DVS)
SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	218	202	209	195	177	187	216	192	206	181	157	167
2	211	200	205	198	185	191	220	198	210	202	181	191
3	217	200	208	201	160	185	224	198	212	202	181	188
4	223	207	217	171	94	123	198	184	189	195	155	179
5	217	140	163	173	140	159	220	197	207	184	141	164
6	173	140	160	198	173	190	219	196	208	159	141	151
7	187	105	135	197	138	165	241	213	227	163	136	147
8	170	133	157	167	149	160	242	219	232	169	136	153
9	201	170	190	170	150	155	236	214	223	200	169	186
10	226	185	200	175	153	166	230	210	219	198	162	190
11	211	196	202	187	171	177	231	204	215	167	144	159
12	225	200	214	191	162	179	221	200	210	152	120	141
13	227	212	217	166	148	156	220	199	210	137	114	128
14	223	152	196	163	97	132	245	216	231	151	103	127
15	159	117	131	170	98	154	234	215	224	---	---	---
16	194	150	180	200	168	186	216	165	197	---	---	---
17	199	186	192	219	196	209	204	178	192	173	142	165
18	203	184	195	222	203	211	186	160	169	166	75	106
19	221	203	212	221	200	210	198	159	182	114	85	96
20	227	205	216	224	204	214	188	144	164	147	114	136
21	235	212	223	232	202	214	200	158	175	146	72	107
22	231	210	220	209	162	187	216	197	205	94	62	78
23	224	198	212	188	128	171	201	185	193	120	94	105
24	205	158	187	133	110	122	186	169	177	---	---	---
25	188	158	176	154	123	137	190	164	178	---	---	---
26	180	170	174	170	135	156	---	---	---	---	---	---
27	201	178	191	177	138	165	---	---	---	146	129	138
28	192	158	173	206	172	188	---	---	---	141	127	131
29	185	170	178	209	183	195	193	157	173	159	141	152
30	207	185	194	212	192	203	187	167	177	171	150	164
31	---	---	---	228	191	210	179	163	169	---	---	---
MONTH	235	105	191	232	94	176	245	144	199	202	62	146
YEAR	247	62	182									

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #13, YSI (ALL HIST DVS)
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.5	7.2	7.3	7.4	7.2	7.3	7.2	7.1	7.2	7.3	7.1	7.3
2	7.5	7.4	7.4	7.4	7.2	7.3	7.3	7.2	7.3	---	---	---
3	7.5	7.4	7.4	7.4	7.2	7.3	7.3	7.2	7.3	7.5	7.4	7.4
4	7.5	7.4	7.4	7.4	7.2	7.3	7.3	7.2	7.3	7.5	7.4	7.4
5	7.4	7.3	7.3	7.5	7.3	7.3	7.3	7.2	7.3	7.5	7.4	7.4
6	7.4	7.3	7.3	7.4	7.3	7.3	7.7	7.2	7.3	7.4	7.3	7.4
7	7.4	7.3	7.4	7.4	7.2	7.3	7.4	7.3	7.3	7.3	7.2	7.3
8	7.4	7.4	7.4	7.4	7.2	7.3	7.4	7.2	7.3	7.4	7.3	7.3
9	7.4	7.3	7.4	7.4	7.2	7.3	7.6	7.2	7.3	7.4	7.3	7.3
10	7.4	7.3	7.3	7.4	7.3	7.3	7.4	7.2	7.3	7.4	7.3	7.3
11	7.4	7.3	7.3	7.5	7.2	7.3	7.2	7.1	7.1	7.4	7.3	7.3
12	7.4	7.2	7.3	7.4	7.3	7.3	7.2	7.1	7.2	7.4	7.3	7.3
13	7.3	7.3	7.3	7.5	7.3	7.3	7.2	7.2	7.2	7.4	7.3	7.4
14	7.3	7.2	7.3	7.5	7.3	7.3	7.2	7.1	7.2	7.4	7.3	7.4
15	7.2	7.2	7.2	7.5	7.3	7.3	7.2	7.1	7.2	7.4	7.3	7.3
16	---	---	---	7.5	7.3	7.3	7.3	7.2	7.2	7.4	7.3	7.3
17	---	---	---	7.5	7.3	7.3	7.3	7.2	7.2	7.4	7.3	7.3
18	7.5	7.3	7.4	7.5	7.3	7.4	7.2	6.9	7.0	7.5	7.3	7.4
19	7.5	7.3	7.4	7.5	7.3	7.4	---	---	---	7.4	6.8	7.4
20	7.5	7.4	7.4	7.4	7.3	7.4	7.2	7.1	7.2	6.9	6.8	6.8
21	7.5	7.3	7.4	7.4	7.3	7.4	---	---	---	6.9	6.8	6.8
22	7.5	7.3	7.4	7.4	7.3	7.3	---	---	---	7.0	6.9	7.0
23	---	---	---	7.3	7.3	7.3	---	---	---	7.1	7.0	7.1
24	---	---	---	7.3	6.9	7.1	---	---	---	7.2	7.1	7.2
25	---	---	---	7.1	6.9	7.1	---	---	---	7.2	7.1	7.2
26	---	---	---	7.2	7.1	7.1	---	---	---	7.2	7.1	7.2
27	7.4	7.2	7.3	7.2	7.1	7.1	---	---	---	7.2	7.2	7.2
28	7.4	7.2	7.3	7.3	7.1	7.1	7.3	7.1	7.2	7.2	7.1	7.2
29	7.4	7.3	7.3	7.3	7.2	7.2	7.3	7.2	7.2	7.2	7.2	7.2
30	7.4	7.3	7.3	7.3	7.1	7.2	7.3	7.2	7.2	7.2	7.2	7.2
31	7.3	7.2	7.3	---	---	---	7.3	7.2	7.3	7.2	7.2	7.2
MAX	7.5	7.4	7.4	7.5	7.3	7.4	7.7	7.3	7.3	7.5	7.4	7.4
MIN	7.2	7.2	7.2	7.1	6.9	7.1	7.2	6.9	7.0	6.9	6.8	6.8

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #13, YSI (ALL HIST DVS)
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.3	7.2	7.2	7.5	7.3	7.4	6.9	6.9	6.9	7.0	7.0	7.0
2	7.3	7.2	7.2	---	---	---	7.0	6.9	6.9	7.0	7.0	7.0
3	7.3	7.2	7.3	---	---	---	7.1	6.9	7.0	7.2	6.9	7.0
4	7.3	7.3	7.3	---	---	---	7.2	7.1	7.2	7.5	6.8	7.1
5	7.3	7.3	7.3	---	---	---	7.3	7.2	7.2	7.4	7.1	7.3
6	7.3	7.1	7.3	---	---	---	7.3	7.2	7.2	7.1	6.9	6.9
7	7.2	7.0	7.1	---	---	---	7.3	7.2	7.2	6.9	6.9	6.9
8	7.2	7.0	7.1	7.4	7.3	7.4	7.3	7.2	7.2	7.0	6.9	7.0
9	7.1	7.0	7.0	7.4	7.3	7.4	7.3	7.1	7.2	7.2	7.0	7.1
10	7.0	6.9	7.0	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1
11	7.2	6.9	7.1	7.4	7.3	7.3	7.3	7.2	7.2	7.1	6.9	7.0
12	7.2	7.1	7.2	7.3	7.2	7.3	---	---	---	7.1	7.0	7.1
13	7.2	7.1	7.2	7.2	7.2	7.2	---	---	---	7.2	7.1	7.2
14	7.2	7.2	7.2	7.3	7.2	7.3	---	---	---	7.2	7.1	7.2
15	7.2	7.2	7.2	7.3	7.2	7.3	---	---	---	7.2	7.1	7.2
16	7.3	7.2	7.2	7.3	7.3	7.3	7.2	7.1	7.2	7.2	7.1	7.2
17	7.4	7.2	7.3	7.3	7.2	7.3	7.2	7.0	7.1	7.2	7.1	7.2
18	7.4	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.1	7.2
19	7.4	7.2	7.3	7.2	7.2	7.2	7.2	7.1	7.2	7.2	7.1	7.2
20	7.4	7.2	7.3	7.3	7.2	7.2	7.2	7.1	7.2	7.3	7.2	7.2
21	7.4	7.2	7.3	7.3	7.2	7.3	7.2	7.1	7.2	7.3	7.3	7.3
22	7.5	7.2	7.3	7.4	7.2	7.3	7.2	7.1	7.2	7.4	7.3	7.4
23	7.6	7.3	7.4	---	---	---	7.2	7.1	7.2	7.4	7.3	7.3
24	7.6	7.3	7.4	---	---	---	7.2	7.1	7.1	7.3	7.3	7.3
25	7.6	7.3	7.4	---	---	---	7.1	7.0	7.1	7.3	7.3	7.3
26	7.5	7.3	7.4	7.7	7.3	7.5	7.1	7.0	7.1	7.3	7.3	7.3
27	7.5	7.3	7.4	7.3	7.3	7.3	7.1	7.0	7.0	7.3	7.2	7.3
28	7.6	7.3	7.4	---	---	---	7.1	7.0	7.1	7.3	7.1	7.3
29	---	---	---	---	---	---	7.1	7.0	7.0	7.3	7.0	7.2
30	---	---	---	---	---	---	7.1	7.0	7.0	7.3	7.2	7.2
31	---	---	---	7.0	6.8	6.9	---	---	---	7.2	7.1	7.2
MAX	7.6	7.3	7.4	7.7	7.3	7.5	7.3	7.2	7.2	7.5	7.3	7.4
MIN	7.0	6.9	7.0	7.0	6.8	6.9	6.9	6.9	6.9	6.9	6.8	6.9

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #13, YSI (ALL HIST DVS)
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.3	7.1	7.2	7.3	6.8	7.2	7.3	7.1	7.2	7.4	7.0	7.0
2	7.3	7.2	7.2	7.4	7.0	7.2	7.4	7.2	7.3	7.4	7.3	7.3
3	7.4	7.2	7.3	7.4	7.1	7.3	7.4	7.3	7.3	7.4	7.3	7.4
4	7.4	7.3	7.3	7.2	6.9	7.0	7.4	7.3	7.3	7.4	7.3	7.3
5	7.3	6.8	7.0	7.2	7.0	7.1	7.4	7.2	7.3	7.4	7.3	7.3
6	7.1	6.9	7.0	7.2	7.1	7.2	7.4	7.3	7.3	7.4	7.2	7.3
7	---	---	---	7.3	7.2	7.2	7.4	7.3	7.3	7.4	7.3	7.3
8	---	---	---	7.3	7.2	7.2	7.5	7.3	7.4	7.4	7.3	7.3
9	---	---	---	7.3	7.2	7.2	7.5	7.3	7.4	7.4	7.3	7.3
10	7.2	7.2	7.2	7.3	7.2	7.3	7.5	7.3	7.4	7.4	7.3	7.3
11	7.2	7.1	7.2	7.4	7.2	7.3	7.5	7.1	7.4	7.4	7.2	7.3
12	7.3	7.2	7.2	7.3	7.2	7.3	7.5	7.3	7.4	7.3	7.1	7.2
13	7.3	7.2	7.3	7.3	7.2	7.2	7.5	7.3	7.3	7.4	7.1	7.3
14	7.3	6.9	7.2	7.2	7.0	7.1	7.4	7.2	7.3	7.2	6.6	7.1
15	7.0	6.8	6.9	7.2	7.1	7.2	7.5	7.3	7.3	7.2	6.6	7.1
16	7.2	7.0	7.1	7.3	7.2	7.2	7.4	7.0	7.2	7.2	7.1	7.2
17	7.2	7.1	7.2	7.3	7.2	7.3	7.3	7.0	7.2	7.3	7.2	7.2
18	7.3	7.2	7.2	7.3	7.2	7.3	7.2	7.1	7.1	7.2	6.7	6.8
19	7.3	7.2	7.3	7.4	7.2	7.3	7.2	7.1	7.2	7.0	6.8	6.9
20	7.3	7.2	7.3	7.4	7.2	7.3	7.2	6.9	7.0	7.2	7.0	7.1
21	7.3	6.9	7.2	7.4	7.3	7.3	7.2	7.1	7.2	7.2	6.7	6.9
22	7.3	7.2	7.2	7.3	7.1	7.2	7.3	7.1	7.2	6.9	6.6	6.8
23	7.3	7.2	7.2	7.2	6.9	7.1	7.3	7.1	7.2	7.1	6.9	7.0
24	7.3	7.1	7.2	6.9	6.8	6.9	7.3	7.2	7.2	---	---	---
25	7.2	7.1	7.2	7.1	6.9	7.0	7.3	7.2	7.2	---	---	---
26	7.2	7.0	7.1	7.1	7.0	7.1	---	---	---	---	---	---
27	7.2	7.0	7.2	7.1	7.0	7.1	---	---	---	7.3	7.2	7.2
28	7.2	7.0	7.1	7.2	7.1	7.1	---	---	---	7.3	7.2	7.2
29	7.2	6.7	7.1	7.2	7.1	7.2	7.4	7.2	7.3	7.3	7.2	7.3
30	7.2	6.8	7.2	7.3	7.1	7.2	7.4	7.2	7.3	7.3	7.3	7.3
31	---	---	---	7.3	7.1	7.2	7.2	7.0	7.0	---	---	---
MAX	7.4	7.3	7.3	7.4	7.3	7.3	7.5	7.3	7.4	7.4	7.3	7.4
MIN	7.0	6.7	6.9	6.9	6.8	6.9	7.2	6.9	7.0	6.9	6.6	6.8

YEAR			
	MAX	MAXIMUM 7.7	MINIMUM 6.9
	MIN	MAXIMUM 7.4	MINIMUM 6.6
	MEDIAN	MAXIMUM 7.5	MINIMUM 6.8

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #10, YSI (ALL HIST DVS)
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.1	20.2	21.3	18.1	16.2	17.1	18.8	17.1	17.7	9.8	8.9	9.4
2	23.0	21.8	22.3	19.2	17.3	18.2	17.4	16.5	17.0	---	---	---
3	23.2	21.6	22.3	19.8	18.4	19.1	17.1	16.1	16.6	8.9	8.5	8.7
4	23.8	21.7	22.6	19.3	18.0	18.6	16.9	15.8	16.4	8.5	7.6	8.2
5	23.4	22.1	22.7	18.0	16.5	17.2	16.5	15.3	16.0	9.2	7.5	8.3
6	23.5	20.1	22.7	17.3	16.7	16.9	18.7	15.8	16.5	9.4	7.9	9.1
7	20.1	17.8	18.8	17.9	16.7	17.3	17.7	16.5	17.1	8.4	7.6	7.9
8	19.1	17.5	18.4	17.9	16.7	17.4	18.2	16.6	17.3	9.8	8.4	9.1
9	18.9	18.0	18.5	17.7	16.8	17.2	18.2	15.4	17.5	11.6	9.6	10.5
10	19.7	18.2	18.9	17.3	16.5	17.0	17.9	16.2	16.9	13.5	11.5	12.3
11	20.9	19.2	20.1	17.1	16.0	16.6	16.2	13.9	14.6	14.4	13.5	13.9
12	21.6	19.5	20.6	17.2	15.9	16.6	15.6	14.0	14.5	14.1	13.2	13.5
13	22.5	21.1	21.7	17.2	16.2	16.7	16.2	14.6	15.3	13.4	12.3	13.0
14	22.7	21.2	21.9	17.1	15.9	16.5	16.4	15.8	16.1	13.8	12.5	13.0
15	21.2	20.2	20.6	17.2	16.0	16.6	15.9	15.3	15.6	13.9	13.2	13.6
16	---	---	---	17.0	15.9	16.5	15.7	15.4	15.5	13.8	13.0	13.4
17	---	---	---	16.6	15.6	16.2	16.6	15.5	16.1	14.0	12.9	13.5
18	18.1	16.8	17.5	16.9	15.7	16.2	16.4	14.4	15.3	14.9	13.6	14.3
19	18.1	16.8	17.5	16.8	15.6	16.2	14.5	---	---	15.2	10.8	14.1
20	18.7	17.2	18.0	17.3	16.2	16.7	14.6	12.0	13.6	10.8	8.9	9.3
21	19.6	17.7	18.6	16.2	15.1	15.5	---	---	---	10.1	9.2	9.6
22	20.3	18.4	19.3	15.8	14.7	15.1	---	---	---	10.0	9.0	9.4
23	---	---	---	15.9	14.9	15.4	---	---	---	11.2	9.9	10.3
24	---	---	---	16.3	15.0	15.9	---	---	---	13.5	11.2	12.1
25	---	---	---	16.0	15.0	15.4	---	---	---	13.7	12.4	12.9
26	---	---	---	16.5	14.7	15.5	---	---	---	12.5	11.7	12.2
27	18.0	16.7	17.2	18.8	16.5	17.8	---	---	---	12.2	11.6	11.9
28	16.7	15.4	16.0	19.4	18.4	18.9	10.3	9.0	9.7	14.1	12.2	13.1
29	16.0	14.5	15.4	19.5	17.9	18.9	11.5	10.2	10.8	15.9	14.1	15.0
30	16.4	14.6	15.5	---	---	---	11.3	10.3	10.7	17.8	15.4	16.7
31	16.7	15.2	16.1	---	---	---	10.4	9.7	9.9	18.7	17.1	17.9
MONTH	23.8	14.5	19.4	19.8	14.7	16.9	18.8	9.0	15.1	18.7	7.5	11.9

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #10, YSI (ALL HIST DVS)
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.3	18.1	18.7	13.6	11.9	12.8	---	16.5	---	22.8	21.6	22.2
2	18.2	16.3	17.1	13.7	8.8	11.8	19.0	17.2	17.9	25.4	22.7	23.9
3	16.6	15.2	15.8	9.6	8.8	9.3	21.2	18.9	19.8	24.2	22.5	23.8
4	15.4	14.3	14.8	9.8	8.7	9.2	20.4	18.9	19.7	22.5	18.8	20.6
5	14.5	13.0	13.5	11.6	9.3	10.1	20.5	18.5	19.5	18.8	18.1	18.3
6	13.5	7.6	11.6	13.1	10.6	11.6	20.2	18.3	19.3	20.0	---	---
7	8.4	7.2	7.7	14.9	12.2	13.4	20.3	18.1	19.3	23.1	19.9	21.5
8	10.1	8.2	8.8	16.5	14.0	15.1	20.9	19.5	20.2	25.8	23.0	24.3
9	11.8	10.0	10.8	17.8	16.2	17.0	21.3	20.6	20.9	26.2	23.7	25.3
10	14.8	11.8	13.3	17.6	16.0	16.6	22.0	20.8	21.3	25.6	24.3	24.9
11	14.8	---	---	17.0	14.7	15.9	21.9	21.4	21.7	25.9	24.6	25.3
12	14.6	12.8	13.8	17.0	16.0	16.6	---	---	---	27.1	25.5	26.2
13	14.8	13.7	14.4	16.0	14.4	14.7	---	---	---	26.9	25.7	26.5
14	14.9	13.6	14.4	17.0	14.8	15.8	---	---	---	25.7	23.3	24.2
15	15.3	13.8	14.7	19.0	16.2	17.4	---	---	---	25.3	22.5	23.9
16	16.3	14.9	15.6	20.2	18.8	19.5	23.0	20.8	21.9	24.4	23.8	24.2
17	15.9	14.9	15.4	22.4	20.1	21.1	23.8	22.0	22.9	25.4	23.2	24.2
18	15.5	13.6	14.7	23.3	21.6	22.5	25.1	22.8	24.0	25.5	23.1	24.7
19	15.6	14.1	14.9	23.2	21.9	22.7	25.6	23.7	24.7	23.5	21.8	22.7
20	16.0	14.9	15.5	22.9	21.9	22.4	26.2	24.5	25.4	23.4	21.4	22.5
21	16.4	15.2	15.9	22.3	19.1	20.9	26.7	25.1	25.9	23.5	21.5	22.6
22	16.4	15.3	15.9	19.1	---	---	26.4	24.8	25.6	22.3	20.3	21.3
23	15.9	14.5	15.3	---	---	---	25.5	24.0	24.9	24.4	20.8	22.5
24	16.1	14.2	15.3	---	---	---	25.2	22.5	24.0	25.6	---	---
25	16.7	14.7	15.7	---	---	---	25.4	24.0	24.7	26.6	24.4	25.3
26	17.2	15.8	16.6	20.5	15.9	18.8	24.0	21.8	22.8	27.4	25.3	26.3
27	15.8	13.6	14.4	19.0	16.6	17.5	22.1	21.1	21.5	28.0	25.9	26.9
28	13.6	11.9	12.8	---	---	---	23.9	21.2	22.5	28.6	26.5	27.4
29	---	---	---	---	---	---	25.6	23.4	24.3	28.8	27.0	27.8
30	---	---	---	---	---	---	24.7	21.6	23.2	28.7	27.3	27.9
31	---	---	---	17.6	16.6	16.9	---	---	---	29.5	27.5	28.4
MONTH	19.3	7.2	14.3	23.3	8.7	16.2	26.7	16.5	22.3	29.5	18.1	24.3

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #10, YSI (ALL HIST DVS)
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.3	28.0	29.1	30.8	27.7	29.2	32.4	30.0	31.0	25.5	23.4	24.4
2	31.0	28.7	29.8	29.9	28.3	29.3	32.5	---	---	28.0	25.0	26.4
3	31.8	---	---	28.3	26.9	27.6	32.1	30.1	31.0	28.3	26.0	27.2
4	31.9	30.5	31.0	28.0	24.6	26.0	31.1	28.7	29.9	27.9	26.7	27.5
5	31.0	26.9	27.9	29.5	26.8	28.0	32.2	29.0	30.5	28.3	25.0	26.4
6	29.8	27.4	28.5	31.6	28.3	29.9	32.6	30.3	31.3	25.8	24.2	24.9
7	29.2	26.4	27.8	31.8	29.7	30.6	32.0	30.3	31.0	25.7	22.8	24.7
8	28.6	27.6	28.1	31.8	28.6	30.1	31.3	29.6	30.4	24.5	22.4	23.3
9	29.8	27.7	28.5	31.8	30.1	30.9	30.8	28.9	29.7	26.1	23.0	24.4
10	30.1	27.1	28.5	31.9	30.2	31.1	30.7	28.3	29.3	25.9	24.3	25.0
11	30.6	28.3	29.1	31.3	29.7	30.4	30.3	27.7	28.9	24.5	22.7	23.4
12	31.2	28.2	29.7	29.7	26.2	28.0	30.4	27.4	28.8	22.7	21.0	22.1
13	31.3	29.2	30.2	27.3	26.2	26.8	31.0	28.2	29.5	21.0	19.4	20.4
14	30.8	26.8	29.1	27.6	25.6	26.4	30.4	29.2	29.7	21.2	19.4	20.5
15	27.9	24.6	25.5	29.1	26.3	27.9	30.4	28.8	29.5	21.5	20.7	20.9
16	27.9	25.8	26.7	30.9	28.6	29.6	29.1	25.9	27.6	23.8	21.5	22.9
17	28.9	---	---	32.2	29.3	30.7	29.8	28.1	28.8	25.4	23.8	24.5
18	29.2	27.3	28.1	32.0	30.2	31.2	28.5	26.9	27.7	25.0	22.9	23.6
19	29.3	27.5	28.3	30.7	28.7	29.6	29.7	26.8	28.3	23.0	22.6	22.8
20	29.8	27.6	28.7	29.7	27.8	28.8	29.0	27.1	28.3	23.8	22.6	23.1
21	29.6	28.1	28.7	31.4	28.5	30.0	30.1	27.1	28.6	23.5	22.7	23.3
22	28.4	27.5	27.9	30.8	27.6	28.8	31.1	---	---	23.3	22.5	23.0
23	28.9	26.9	27.9	29.4	27.7	28.8	30.2	28.1	29.2	23.5	21.7	22.4
24	28.6	27.3	27.9	27.7	25.8	26.5	28.8	26.1	27.4	---	---	---
25	28.7	27.9	28.2	27.3	25.7	26.7	30.2	27.1	28.5	---	---	---
26	28.0	26.3	27.1	27.1	25.2	26.1	---	27.9	---	---	---	---
27	29.6	27.7	28.4	29.7	26.7	28.2	---	---	---	21.7	20.9	21.3
28	28.4	27.2	27.6	31.2	28.7	29.8	---	---	---	22.6	21.5	22.0
29	28.9	27.3	28.0	32.0	29.5	30.6	27.2	25.3	26.2	23.0	22.6	22.8
30	30.4	28.1	29.0	31.7	30.7	31.2	26.7	25.0	25.9	23.7	22.8	23.2
31	---	---	---	31.8	30.3	31.0	26.3	24.2	24.9	---	---	---
MONTH	31.9	24.6	28.4	32.2	24.6	29.0	32.6	24.2	28.9	28.3	19.4	23.6
YEAR	32.6	7.2	21.0									

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #12, YSI (ALL HIST DVS)
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	9.6	8.9	9.2	8.3	7.5	7.9	---	---	---
2	8.2	7.5	7.8	9.4	8.6	9.0	8.7	8.1	8.4	---	---	---
3	8.4	7.8	8.0	9.0	8.2	8.5	8.8	8.3	8.5	11.3	10.7	10.9
4	8.4	7.8	8.1	9.2	8.1	8.5	9.1	8.4	8.7	11.6	11.0	11.2
5	8.2	7.7	7.9	9.4	8.3	8.8	9.2	8.5	8.8	11.5	11.1	11.3
6	8.2	7.3	7.7	9.5	8.3	8.8	9.2	8.7	8.9	11.1	10.5	10.7
7	8.9	8.2	8.7	9.4	8.4	8.8	9.0	8.5	8.7	11.0	10.6	10.8
8	9.5	8.9	9.2	9.6	8.5	8.9	9.0	8.4	8.6	11.1	10.6	10.8
9	9.4	8.8	9.0	9.6	8.6	9.0	8.8	8.2	8.5	10.9	10.4	10.6
10	9.4	8.9	9.1	9.8	8.6	9.1	8.5	8.3	8.4	10.4	9.9	10.1
11	9.1	8.6	8.9	9.8	8.7	9.2	9.0	8.2	8.5	10.1	9.5	9.8
12	8.7	8.4	8.6	9.7	8.8	9.2	9.3	8.8	9.1	9.6	9.0	9.3
13	8.4	8.0	8.3	9.7	8.7	9.1	9.1	8.6	8.9	10.2	9.3	9.6
14	8.2	7.1	7.8	9.8	8.8	9.3	8.7	8.4	8.6	10.0	9.6	9.7
15	7.8	6.7	7.3	9.9	8.9	9.3	8.8	8.3	8.6	10.3	9.5	9.8
16	---	---	---	9.9	8.9	9.3	9.3	8.6	8.9	10.4	9.6	9.9
17	---	---	---	10.0	8.9	9.5	9.0	8.2	8.8	10.7	9.7	10.1
18	8.8	8.1	8.4	9.9	9.1	9.4	8.9	7.6	8.2	10.1	9.5	9.8
19	8.9	8.3	8.6	9.9	9.1	9.4	9.2	---	---	9.5	8.7	9.2
20	9.1	8.3	8.6	9.6	8.8	9.2	9.4	8.6	8.9	10.5	9.3	10.1
21	8.9	8.3	8.5	9.9	8.2	9.3	---	---	---	10.5	10.4	10.4
22	8.8	8.2	8.4	9.9	9.2	9.5	---	---	---	10.6	10.4	10.5
23	---	---	---	9.6	9.0	9.3	---	---	---	10.5	10.1	10.3
24	---	---	---	9.1	7.3	8.3	---	---	---	10.1	9.4	9.8
25	---	---	---	9.0	7.3	8.3	---	---	---	9.5	8.8	9.2
26	---	---	---	9.1	8.6	8.9	---	---	---	---	---	---
27	9.1	8.0	8.4	8.6	8.2	8.4	---	---	---	---	---	---
28	9.6	8.4	8.9	8.7	6.8	8.2	---	---	---	---	---	---
29	9.9	8.9	9.3	8.6	8.1	8.4	---	---	---	9.1	8.7	8.9
30	9.9	9.0	9.4	---	---	---	10.1	9.8	9.8	8.7	8.2	8.5
31	9.9	8.9	9.3	---	---	---	10.3	9.9	10.1	8.2	8.0	8.1
MONTH	9.9	6.7	8.5	10.0	6.8	9.0	10.3	7.5	8.8	11.6	8.0	10.0

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #12, YSI (ALL HIST DVS)
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	7.7	7.8	11.9	10.7	11.2	---	---	---	---	---	---
2	8.2	7.7	7.9	11.3	10.5	10.8	---	---	---	---	---	---
3	8.6	8.1	8.4	11.4	11.2	11.3	---	---	---	---	---	---
4	9.1	8.6	8.9	11.5	11.2	11.4	---	---	---	---	---	---
5	9.6	8.9	9.3	11.5	10.5	11.2	8.0	7.3	7.7	---	---	---
6	11.3	9.3	10.0	11.2	10.1	10.8	8.2	7.4	7.8	---	---	---
7	11.4	10.5	11.1	10.8	---	---	8.2	7.4	7.8	8.0	6.2	7.1
8	11.0	10.0	10.6	11.4	10.6	11.0	8.1	7.3	7.6	7.4	5.8	6.5
9	---	---	---	11.2	10.5	10.9	7.6	6.2	7.1	7.1	6.1	6.8
10	---	---	---	11.4	10.5	11.0	7.6	6.3	7.0	7.2	6.4	6.8
11	---	---	---	12.4	11.2	11.8	7.6	6.4	7.1	6.8	5.3	6.2
12	10.0	9.3	9.7	11.7	11.0	11.5	---	---	---	6.6	6.2	6.4
13	9.8	9.4	9.6	12.1	11.2	11.9	---	---	---	6.5	5.9	6.3
14	9.9	9.4	9.6	12.3	11.7	12.1	---	---	---	7.3	6.1	6.6
15	9.9	9.4	9.6	11.7	10.7	11.4	---	---	---	7.2	6.5	7.0
16	9.7	9.2	9.4	10.7	9.8	10.3	7.2	6.1	6.9	7.8	6.7	7.3
17	10.1	9.2	9.6	9.8	8.5	9.2	6.7	5.6	6.2	7.6	7.1	7.4
18	10.3	9.4	9.8	---	---	---	6.5	5.1	6.0	7.2	6.5	7.0
19	10.4	9.5	9.9	---	---	---	6.5	5.3	6.1	8.1	7.0	7.8
20	10.1	9.4	9.7	---	---	---	6.1	---	---	8.5	7.5	8.0
21	10.2	9.1	9.6	---	---	---	6.5	---	---	8.3	7.3	7.8
22	10.4	9.2	9.7	---	---	---	5.9	---	---	8.5	7.5	8.1
23	10.8	9.3	9.9	---	---	---	6.3	---	---	8.2	7.1	7.7
24	10.9	9.6	10.1	---	---	---	6.5	---	---	7.3	---	---
25	10.9	8.3	10.0	---	7.5	---	5.6	---	---	7.0	6.5	6.7
26	10.4	8.3	9.7	9.5	7.7	8.5	5.9	---	---	6.9	6.5	6.7
27	10.9	9.3	10.0	8.3	---	---	6.2	---	---	7.0	6.4	6.6
28	11.9	10.3	10.9	---	---	---	6.3	---	---	7.0	6.4	6.6
29	---	---	---	---	---	---	6.0	---	---	7.1	6.3	6.6
30	---	---	---	---	---	---	5.8	---	---	6.7	6.0	6.4
31	---	---	---	8.1	7.4	7.9	---	---	---	6.5	5.5	6.0
MONTH	11.9	7.7	9.6	12.4	7.4	10.8	8.2	5.1	7.0	8.5	5.3	6.9

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
LATITUDE 333924 LONGITUDE 0844025 NAD83 DRAINAGE AREA 2060.00 CONTRIBUTING DRAINAGE AREA DATUM 719.07 NGVD29
Date Processed: 2003-03-13 16:05 By ceoberst
APPROVED
DD #12, YSI (ALL HIST DVS)
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.6	5.5	6.1	6.5	5.5	6.2	6.9	6.2	6.5	---	---	---
2	6.8	5.8	6.2	6.8	5.9	6.4	6.8	5.9	6.3	7.0	6.4	6.8
3	6.6	5.5	6.2	6.9	5.5	6.3	6.8	5.9	6.3	7.2	6.6	6.9
4	6.4	5.6	6.0	6.7	3.9	6.0	7.0	6.4	6.7	7.3	6.6	6.9
5	6.1	3.9	4.8	6.8	6.4	6.5	6.8	6.1	6.5	7.4	6.9	7.1
6	5.8	4.0	5.0	6.4	6.0	6.2	6.9	6.1	6.5	7.8	7.4	7.7
7	5.8	4.0	5.0	6.5	6.0	6.2	6.8	6.0	6.4	8.1	7.3	7.8
8	6.0	5.2	5.8	6.8	6.2	6.4	7.3	6.3	6.7	8.2	7.9	8.1
9	6.1	5.7	5.9	6.8	6.0	6.4	7.6	6.5	6.9	7.9	7.5	7.7
10	7.5	5.8	6.6	7.1	6.2	6.5	7.8	6.4	7.0	7.8	6.7	7.5
11	8.1	7.3	7.6	6.7	5.9	6.4	8.0	6.8	7.3	8.3	7.6	8.1
12	7.7	5.6	6.8	7.3	6.0	6.7	8.2	7.0	7.4	8.9	6.0	8.5
13	---	---	---	7.5	6.7	7.1	7.8	6.6	7.2	8.9	8.3	8.5
14	---	---	---	7.3	6.7	7.0	7.5	6.6	7.0	---	---	---
15	---	---	---	7.0	6.6	6.8	7.6	6.6	7.1	---	---	---
16	---	---	---	6.8	6.1	6.5	7.3	5.3	6.6	---	---	---
17	---	---	---	6.5	6.1	6.3	7.2	4.9	6.3	7.5	7.2	7.4
18	6.3	5.9	6.0	6.8	6.0	6.3	7.4	5.7	6.5	8.2	6.5	7.2
19	6.2	5.9	6.1	7.2	6.5	6.7	6.6	6.3	6.5	8.5	8.2	8.5
20	6.4	6.0	6.2	7.5	6.6	7.0	6.8	4.3	5.8	8.9	8.5	8.7
21	6.4	5.7	6.1	7.1	6.6	6.8	6.9	6.0	6.5	8.9	7.7	8.2
22	6.4	6.0	6.2	6.7	5.8	6.4	6.4	5.4	5.9	7.7	6.0	6.5
23	6.6	5.3	6.3	7.1	5.9	6.5	6.4	5.7	6.1	---	---	---
24	6.7	6.2	6.5	6.9	5.4	6.2	6.9	6.4	6.8	---	---	---
25	6.5	6.0	6.2	7.6	6.2	7.0	6.8	6.4	6.7	---	---	---
26	6.1	5.2	5.7	7.6	7.1	7.3	---	---	---	---	---	---
27	6.5	5.8	6.2	7.1	6.4	6.7	---	---	---	7.7	7.4	7.6
28	6.4	5.6	6.0	6.9	6.1	6.6	---	---	---	7.7	7.5	7.7
29	6.8	5.7	6.4	6.9	6.4	6.6	7.0	6.5	6.7	7.7	7.5	7.6
30	6.5	6.2	6.3	6.9	6.2	6.6	7.0	6.7	6.9	7.6	7.3	7.5
31	---	---	---	6.9	6.2	6.6	---	---	---	---	---	---
MONTH	8.1	3.9	6.1	7.6	3.9	6.6	8.2	4.3	6.6	8.9	6.0	7.7
YEAR	12.4	3.9	8.1									

02337448 HURRICANE CREEK TRIBUTARY NEAR FAIRPLAY, GA

LOCATION.—Lat 33°35'03", long 84°50'54" referenced to North American Datum (NAD) of 1927, Douglas County, Hydrologic Unit 03130002, at culvert on GA 5, 8.0 miles east of Fairplay.

DRAINAGE AREA.—0.33 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 930.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 9.46 feet, November 5, 1977
DISCHARGE: 292 ft^3/s, November 5, 1977

MAXIMUM FOR CURRENT YEAR.—
STAGE: 6.30 feet, September 21
DISCHARGE: 113 ft^3/s, September 21

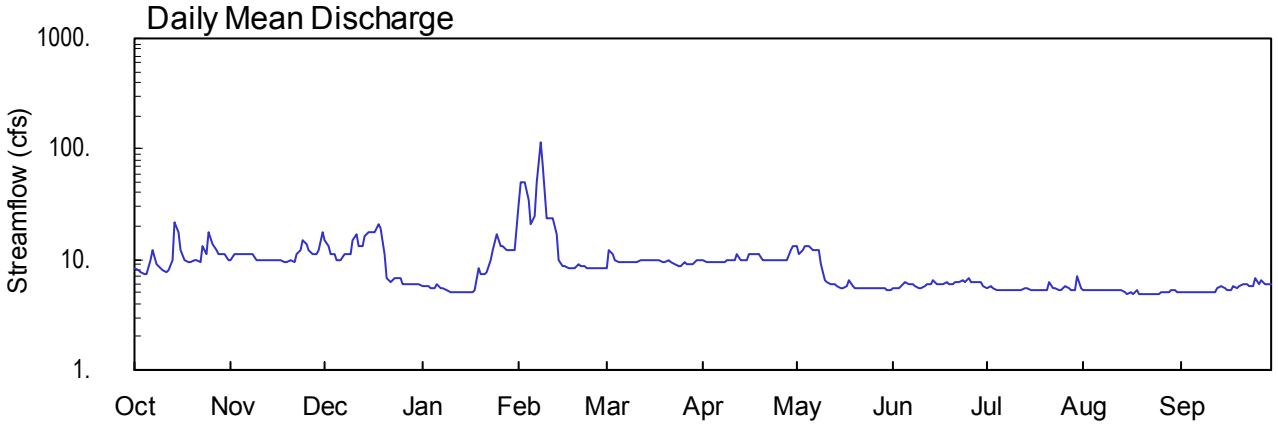
APALACHICOLA RIVER BASIN

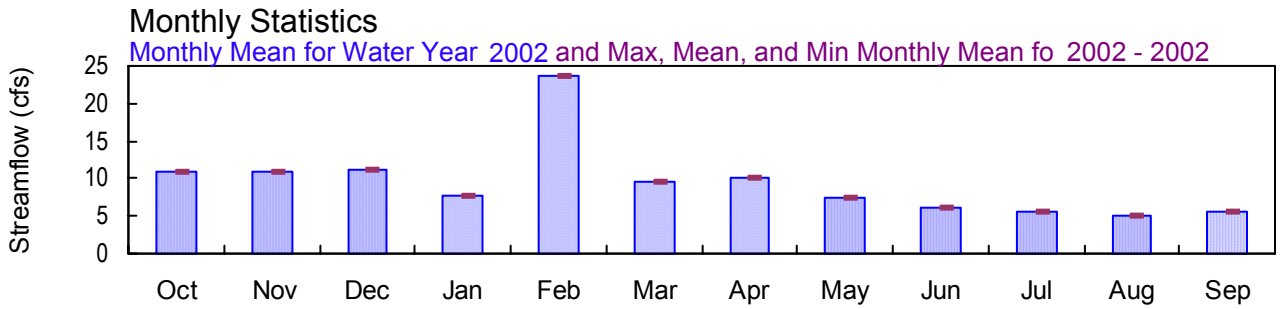
2002 Water Year

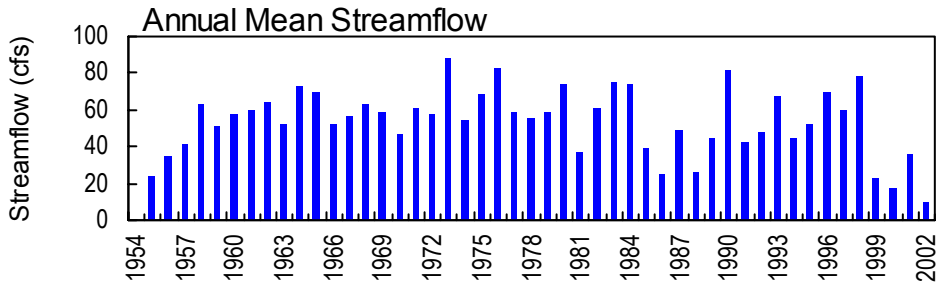
02337500 SNAKE CREEK NEAR WHITESBURG, GA

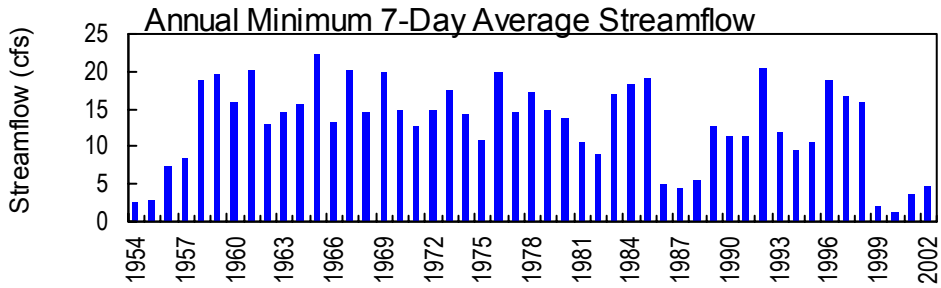
Latitude: 33°31'46" Longitude: 84°55'42" Hydrologic Unit Code: 03130002 Carroll County

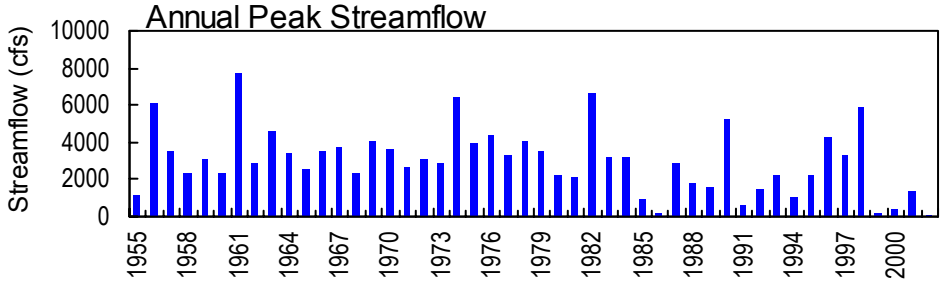
Drainage Area: 35.5 mi^2 Datum: 832.75 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02337500 SNAKE CREEK NEAR WHITESBURG, GA
(National Water-Quality Assessment station)

LOCATION.—Lat 33°31'46", long 84°55'42" referenced to North American Datum (NAD) of 1927, Carroll County, Hydrologic Unit 03130002, on left bank, on downstream side of former bridge pier, 50.0 feet upstream from county highway bridge, at Banning Mills, 1.6 miles north of US 27 (ALT), 3.0 miles northwest of Whitesburg, 4.0 miles downstream from Little Snake Creek, and 7.0 miles upstream from mouth.

DRAINAGE AREA.—35.5 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—September 1954 to current year.

REVISED RECORDS.—WDR GA-90-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 832.75 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good, except period of estimated discharge, which is fair Flow regulated by earthen dam upstream of gage since September, 2001.

WATER-STAGE RECORDS

PERIOD OF RECORD.—September 1954 to current year.

REVISED RECORD.—WDR GA-90-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 832.75 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 2.73 feet, February 7; minimum gage-height recorded, 1.63 feet, August 25.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 21, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02337500 SNAKE CREEK NEAR WHITESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 045
LATITUDE 333146 LONGITUDE 0845542 NAD27 DRAINAGE AREA 35.50 CONTRIBUTING DRAINAGE AREA 35.50* DATUM 832.75 NGVD29
Date Processed: 2003-03-11 10:54 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.4	10	15	5.7	31	8.3	9.9	13	5.5	5.6	5.3	5.0
2	7.9	11	13	5.7	50	12	9.6	11	5.6	5.8	5.3	5.0
3	7.7	11	11	5.8	49	11	9.3	12	5.6	5.6	5.3	5.0
4	7.4	11	11	5.6	34	9.7	9.3	13	6.1	5.3	5.3	5.0
5	7.5	11	10	5.6	21	9.3	9.3	13	6.2	5.3	5.3	5.0
6	10	11	10	6.1	25	9.3	9.3	12	5.9	5.3	5.3	5.0
7	12	11	11	5.6	51	9.3	9.3	12	5.9	5.3	5.3	5.0
8	9.0	11	11	5.5	113	9.3	9.6	12	5.7	5.3	5.3	5.0
9	8.7	10	11	5.2	73	9.4	10	9.1	5.6	5.3	5.3	5.0
10	8.0	9.8	15	5.0	24	9.3	10	6.5	5.6	5.3	5.3	5.0
11	7.8	9.9	17	5.0	24	9.3	9.9	6.3	5.7	5.3	5.3	5.0
12	7.9	9.8	13	5.0	24	10	11	5.9	5.9	5.3	5.3	5.0
13	9.9	9.9	13	5.0	17	10	10	5.9	6.1	5.5	5.3	5.5
14	22	10	16	5.0	10	10	10	5.8	6.4	5.5	5.1	5.7
15	18	9.8	18	5.0	8.8	9.8	10	5.6	6.1	5.3	4.9	5.5
16	12	9.8	18	5.0	8.8	10	11	5.6	5.9	5.3	5.0	5.3
17	10	9.9	18	5.0	8.5	9.9	11	5.7	6.1	5.3	4.9	5.3
18	9.6	9.3	21	5.2	e8.3	9.8	11	6.6	6.2	5.3	5.2	5.7
19	9.6	9.5	19	8.2	e8.3	9.3	11	5.8	6.0	5.3	4.9	5.6
20	9.8	9.8	11	7.4	8.9	9.5	10	5.6	6.1	5.3	4.8	5.8
21	9.8	9.4	6.7	7.3	8.8	10	9.8	5.6	6.3	6.3	4.8	6.1
22	9.6	11	6.3	7.8	8.7	9.5	9.8	5.5	6.3	5.4	4.8	6.1
23	13	12	6.7	10	8.4	9.2	9.8	5.4	6.4	5.5	4.8	5.8
24	11	15	6.7	12	8.4	8.6	9.8	5.5	6.3	5.3	4.8	5.7
25	18	14	6.7	17	8.5	8.6	9.8	5.6	6.7	5.3	4.8	6.7
26	14	12	6.1	13	8.3	9.4	9.8	5.6	6.3	5.7	5.0	6.1
27	12	11	5.9	13	8.3	9.2	9.8	5.6	6.3	5.4	5.0	6.4
28	11	11	5.9	12	8.3	9.0	9.8	5.6	6.3	5.3	5.1	5.9
29	11	12	5.9	12	---	9.0	12	5.5	6.2	5.3	5.3	5.9
30	11	18	5.9	12	---	10	13	5.3	5.8	7.1	5.2	5.9
31	10	---	5.9	12	---	10	---	5.3	---	5.6	5.1	---
TOTAL	333.6	329.9	350.7	239.7	665.3	297.0	303.9	232.9	181.1	169.7	158.4	165.0
MEAN	10.8	11.0	11.3	7.73	23.8	9.58	10.1	7.51	6.04	5.47	5.11	5.50
MAX	22	18	21	17	113	12	13	13	6.7	7.1	5.3	6.7
MIN	7.4	9.3	5.9	5.0	8.3	8.3	9.3	5.3	5.5	5.3	4.8	5.0
CFSM	0.30	0.31	0.32	0.22	0.67	0.27	0.29	0.21	0.17	0.15	0.14	0.15
IN.	0.35	0.35	0.37	0.25	0.70	0.31	0.32	0.24	0.19	0.18	0.17	0.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	10.8	11.0	11.3	7.73	23.8	9.58	10.1	7.51	6.04	5.47	5.11	5.50
MAX	10.8	11.0	11.3	7.73	23.8	9.58	10.1	7.51	6.04	5.47	5.11	5.50
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	10.8	11.0	11.3	7.73	23.8	9.58	10.1	7.51	6.04	5.47	5.11	5.50
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR	
ANNUAL TOTAL	12687.5		3427.2	
ANNUAL MEAN	34.8		9.39	
HIGHEST DAILY MEAN	518	Mar 20	113	Feb 8
LOWEST DAILY MEAN	5.9	Dec 27	4.8	Aug 20
ANNUAL SEVEN-DAY MINIMUM	6.0	Dec 25	4.8	Aug 19
MAXIMUM PEAK FLOW			117	Feb 7
MAXIMUM PEAK STAGE			2.73	Feb 7
ANNUAL RUNOFF (CFSM)	0.98		0.26	
ANNUAL RUNOFF (INCHES)	13.30		3.59	
10 PERCENT EXCEEDS	64		13	
50 PERCENT EXCEEDS	23		8.0	
90 PERCENT EXCEEDS	9.8		5.2	

e Estimated

STATION NUMBER 02337500 SNAKE CREEK NEAR WHITESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 045
LATITUDE 333146 LONGITUDE 0845542 NAD27 DRAINAGE AREA 35.50 CONTRIBUTING DRAINAGE AREA 35.50* DATUM 832.75 NGVD29
Date Processed: 2003-03-11 10:54 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.71	1.75	1.85	1.67	2.06	1.75	1.78	1.82	1.65	1.65	1.65	1.65
2	1.70	1.76	1.81	1.67	2.28	1.83	1.78	1.80	1.65	1.66	1.65	1.65
3	1.70	1.77	1.79	1.68	2.27	1.81	1.77	1.82	1.65	1.65	1.65	1.65
4	1.69	1.76	1.78	1.67	2.10	1.78	1.77	1.84	1.66	1.65	1.65	1.65
5	1.69	1.77	1.77	1.67	1.97	1.77	1.77	1.83	1.67	1.65	1.65	1.65
6	1.75	1.76	1.77	1.68	2.02	1.77	1.77	1.81	1.66	1.65	1.65	1.65
7	1.77	1.77	1.79	1.67	2.22	1.77	1.77	1.81	1.66	1.65	1.65	1.65
8	1.72	1.77	1.78	1.67	2.71	1.77	1.78	1.81	1.65	1.65	1.65	1.65
9	1.72	1.76	1.79	1.66	2.40	1.77	1.79	1.74	1.65	1.65	1.65	1.65
10	1.70	1.75	1.85	1.65	2.01	1.77	1.79	1.68	1.65	1.65	1.65	1.65
11	1.70	1.75	1.89	1.65	2.00	1.77	1.79	1.68	1.65	1.65	1.65	1.65
12	1.70	1.75	1.82	1.65	2.00	1.79	1.80	1.67	1.66	1.65	1.65	1.65
13	1.74	1.75	1.82	1.65	1.90	1.80	1.79	1.67	1.66	1.66	1.65	1.67
14	1.90	1.75	1.88	1.65	1.79	1.79	1.79	1.67	1.67	1.66	1.65	1.67
15	1.86	1.75	1.90	1.65	1.76	1.78	1.79	1.66	1.66	1.65	1.65	1.67
16	1.78	1.75	1.90	1.65	1.76	1.79	1.80	1.66	1.66	1.65	1.65	1.66
17	1.75	1.75	1.91	1.65	1.75	1.79	1.79	1.66	1.67	1.65	1.65	1.66
18	1.74	1.74	1.95	1.66	---	1.78	1.79	1.69	1.67	1.65	1.65	1.67
19	1.74	1.74	1.92	1.73	---	1.77	1.79	1.67	1.66	1.65	1.64	1.67
20	1.74	1.75	1.77	1.72	1.76	1.77	1.78	1.66	1.67	1.65	1.64	1.68
21	1.74	1.74	1.69	1.72	1.76	1.79	1.77	1.66	1.67	1.67	1.64	1.68
22	1.74	1.77	1.68	1.73	1.76	1.77	1.77	1.66	1.67	1.65	1.64	1.68
23	1.79	1.79	1.69	1.80	1.75	1.77	1.77	1.65	1.67	1.65	1.64	1.68
24	1.77	1.86	1.69	1.81	1.75	1.76	1.77	1.66	1.67	1.65	1.64	1.67
25	1.87	1.82	1.69	1.91	1.75	1.76	1.77	1.66	1.68	1.65	1.64	1.70
26	1.81	1.80	1.68	1.85	1.75	1.77	1.77	1.66	1.67	1.66	1.65	1.68
27	1.78	1.78	1.68	1.84	1.75	1.77	1.77	1.66	1.67	1.65	1.65	1.69
28	1.76	1.77	1.68	1.83	1.75	1.76	1.77	1.66	1.67	1.65	1.65	1.68
29	1.76	1.79	1.68	1.83	---	1.76	1.81	1.66	1.67	1.65	1.66	1.68
30	1.76	1.89	1.68	1.83	---	1.79	1.83	1.65	1.66	1.69	1.66	1.68
31	1.75	---	1.68	1.83	---	1.79	---	1.65	---	1.66	1.65	---
MEAN	1.75	1.77	1.78	1.72	---	1.78	1.78	1.71	1.66	1.65	1.65	1.67
MAX	1.90	1.89	1.95	1.91	---	1.83	1.83	1.84	1.68	1.69	1.66	1.70
MIN	1.69	1.74	1.68	1.65	---	1.75	1.77	1.65	1.65	1.65	1.64	1.65

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02337500 SNAKE CREEK NEAR WHITESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 045
LATITUDE 333146 LONGITUDE 0845542 NAD27 DRAINAGE AREA 35.50 CONTRIBUTING DRAINAGE AREA 35.50* DATUM 832.75 NGVD29
Date Processed: 2003-03-11 10:54 By acday
APPROVED
DD #31, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.14	0.01	0.00	---	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	2.05	0.00	---	0.00	0.42	0.00	0.00
3	0.00	0.00	0.00	0.00	0.03	0.15	0.00	---	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.23	0.00	0.00	0.00	---	0.98	0.01	0.00	0.00
5	0.03	0.00	0.00	0.01	0.01	0.00	0.00	---	0.01	0.01	0.00	0.00
6	0.25	0.00	0.00	0.56	2.16	0.00	0.00	---	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.08	0.00	0.00	---	0.00	0.04	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.11	0.34	0.06	0.00	0.00	0.00	0.00
10	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.69	0.01	0.00	0.00	0.00
11	0.00	0.00	0.00	0.03	0.00	0.00	0.06	0.00	0.00	0.16	0.00	0.00
12	0.06	0.00	0.00	0.09	0.00	0.91	0.55	0.00	0.00	0.02	0.00	0.00
13	0.12	0.00	0.22	0.00	0.00	0.02	0.04	0.14	0.23	0.39	0.00	0.95
14	0.75	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.26	0.27	0.25	0.52
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.32
16	0.00	0.00	0.00	0.00	0.00	0.26	0.31	0.00	0.00	0.00	0.45	0.00
17	0.00	0.00	0.82	0.00	0.00	0.00	0.01	0.39	0.00	0.00	0.01	0.01
18	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00	0.00	0.63	0.31
19	0.00	0.00	0.00	2.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.32	0.35	0.00	0.00	0.00	0.00	0.00	0.81
21	0.00	0.00	0.00	0.39	0.00	0.22	0.00	0.00	0.00	1.28	0.00	0.23
22	0.00	0.00	0.00	1.05	0.00	0.00	0.02	0.00	0.08	0.35	0.00	0.47
23	0.00	0.31	0.46	0.06	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00
24	0.00	0.08	0.00	1.79	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
25	0.45	0.06	0.00	0.17	0.00	0.00	0.00	0.00	0.69	0.00	0.00	1.07
26	0.00	0.01	0.00	0.00	0.01	0.43	0.01	0.00	0.05	0.64	0.01	0.25
27	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.10	0.01	0.00	0.32
28	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.02	0.00	0.00	0.01
29	0.00	0.01	0.00	0.00	---	0.00	0.42	0.00	0.01	0.00	0.00	0.00
30	0.00	0.04	0.00	0.00	---	0.88	---	0.00	0.00	1.56	0.00	0.00
31	0.00	---	0.00	0.00	---	0.37	---	0.00	---	0.01	0.00	---
TOTAL	1.66	0.51	1.94	6.47	2.75	5.76	---	---	2.69	5.22	1.36	5.27

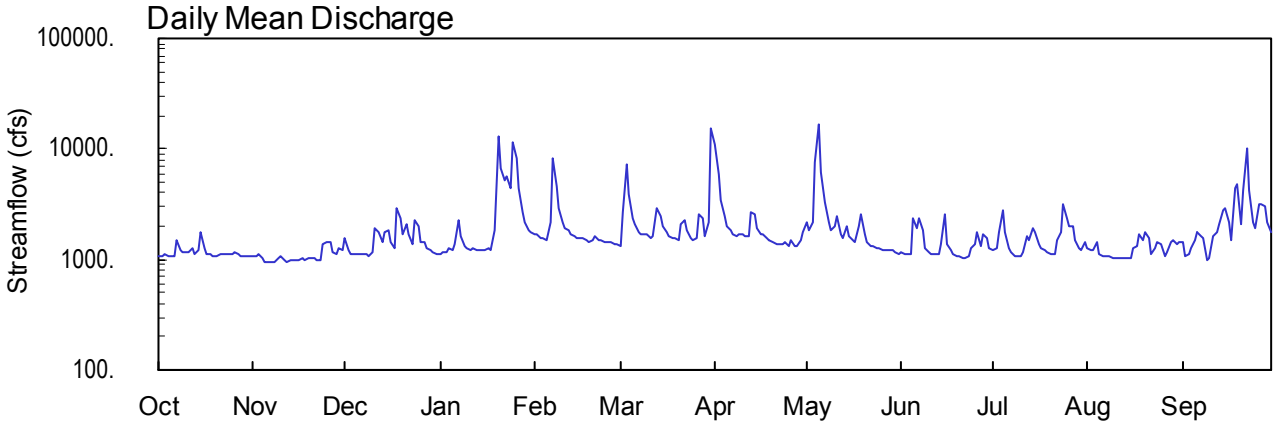
APALACHICOLA RIVER BASIN

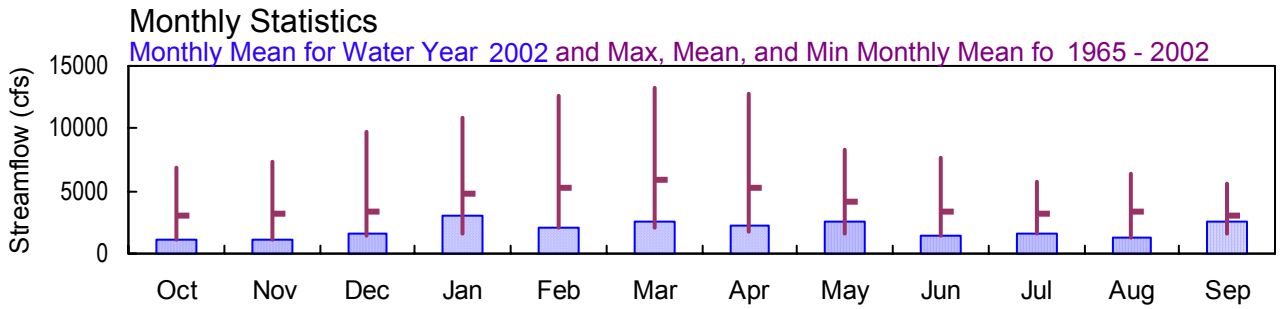
2002 Water Year

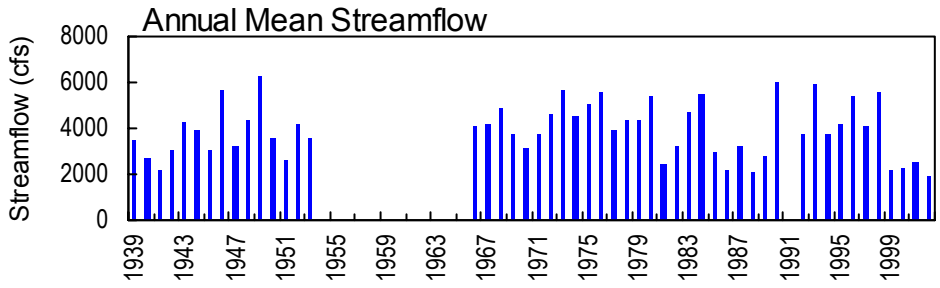
02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA

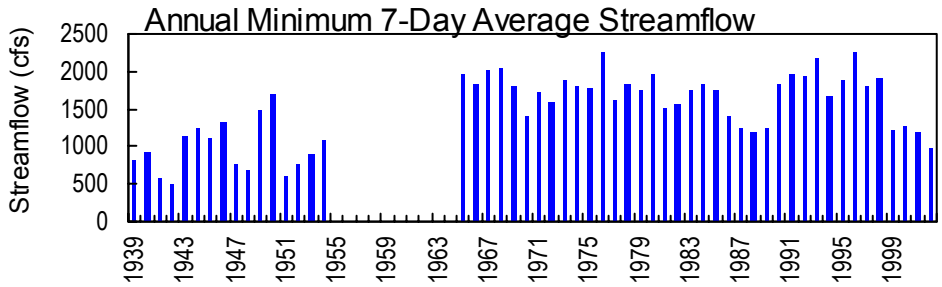
Latitude: 33°28'37" Longitude: 84°54'03" Hydrologic Unit Code: 03130002 Carroll County

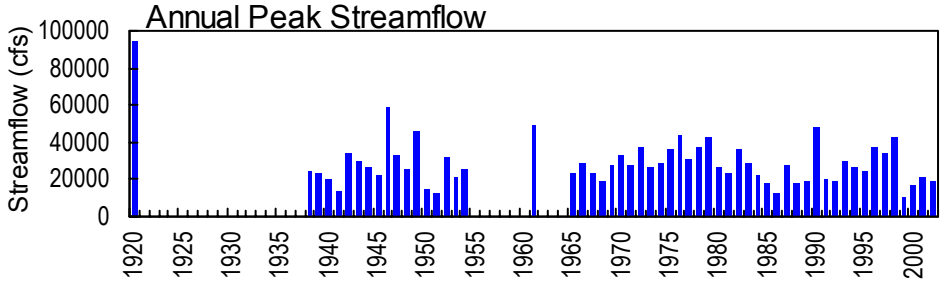
Drainage Area: 2,430. mi^2 Datum: 682.06 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA
(National Water-Quality Assessment station)

LOCATION.—Lat 33°28'37", long 84°54'04" referenced to North American Datum (NAD) of 1927, Carroll-Coweta County line, Hydrologic Unit 03130002, at downstream end of right bank pier of bridge on GA 16, 0.5 miles upstream from Central of Georgia Railroad bridge, 1.2 miles southeast of Whitesburg, 1.5 miles downstream from Cedar Creek, 2.0 miles downstream from Snake Creek, and at mile 259.8.

DRAINAGE AREA.—2,430 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1938 to June 1954; January 1965 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 682.06 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to May 1, 1949, a non-recording gage was located at site 1.0 mile upstream at datum 2.00 feet higher. From May 1, 1949 to June 30, 1954, a non-recording gage was located at present site at datum 2.00 feet higher.

REMARKS.—Records good, except for periods of estimated discharge, which are fair. Flow regulated by Lake Sidney Lanier since January 1956. Considerable diurnal fluctuation caused by the operation of the Morgan Falls hydroelectric plant. Statistics prior to regulation are available upon request.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1938 to June 1954; January 1965 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 682.06 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to May 1, 1949, a non-recording gage was located at site 1.0 mile upstream at datum 2.00 feet higher. From May 1, 1949 to June 30, 1954, a non-recording gage was located at present site at datum 2.00 feet higher.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 14.71 feet, May 5; minimum gage-height recorded, 1.94 feet, November 12.

02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA—continued.
(National Water-Quality Assessment station)

PRECIPITATION RECORDS

PERIOD OF RECORD.—December 4, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 045
LATITUDE 332837 LONGITUDE 0845403 NAD27 DRAINAGE AREA 2430.00* CONTRIBUTING DRAINAGE AREA DATUM 682.06 NGVD29
Date Processed: 2003-03-11 11:00 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1070	1050	1530	1140	1690	1330	11200	2170	1170	1220	1270	1450
2	1070	1090	1220	e1170	1710	2700	5940	1830	1140	1280	1230	1050
3	1110	1110	1140	1180	1590	7340	3390	2170	1100	1730	1230	1100
4	1070	1020	1110	1240	1560	3940	2420	7690	1120	2820	1430	1250
5	1070	959	1100	1190	1480	2340	1980	16500	2330	1760	1120	1480
6	1090	959	1100	1380	2200	2050	1850	6080	1930	1270	1090	1750
7	1490	961	1120	2260	8390	1760	1720	3270	2340	1150	1060	1650
8	1230	961	1100	1600	4560	1690	1650	2150	1870	1080	1050	1550
9	1150	1030	1090	1330	2850	1660	1670	1840	1290	1070	1030	990
10	1160	1050	1150	1250	2130	1700	1670	2030	1180	1060	1020	1020
11	1150	971	1940	1230	1900	1570	1630	2430	1120	1170	1020	1630
12	1240	939	1790	1240	1820	1630	1630	1700	1100	1620	1020	1760
13	1120	972	1450	1230	1670	2850	2730	1540	1100	1490	1010	2110
14	1230	983	1740	1210	1610	2510	2520	1990	1400	1910	1010	2810
15	1730	971	1830	1210	1580	2000	1900	1630	2610	1780	1020	2880
16	1250	989	1430	1200	1540	1760	1690	1520	1370	1400	1280	2180
17	1140	1010	e1270	1240	1570	1650	1670	1420	1190	1270	1310	1500
18	1100	1000	2950	1220	1470	1580	1570	2020	1140	1210	1720	4430
19	1090	1020	2410	1850	1450	1560	1480	2520	1070	1170	1520	4710
20	1080	1020	1700	13100	1510	1520	1430	1700	1060	1140	1770	2080
21	1110	1010	2080	6570	1640	2110	1360	1450	1040	1100	1590	4300
22	1130	1000	1700	5300	1520	2310	1380	1330	1040	1480	1120	10200
23	1110	987	1390	5670	1470	1820	1350	1320	1070	1760	1290	4260
24	1110	1380	2290	4370	1440	1530	1450	1290	1290	3190	1440	2140
25	1100	1440	1990	11300	1410	1490	1340	1260	1380	2390	1370	1900
26	1180	1430	1430	8130	1420	1580	1470	1200	1740	1990	1090	3210
27	1110	1150	1430	4470	1370	2600	1300	1200	1320	1960	1150	3200
28	1050	1110	1250	2700	1360	2370	1310	1200	1680	1500	1440	3090
29	1060	1250	1230	2130	---	1600	1500	1200	1530	1260	1490	2180
30	1070	1190	1170	1850	---	2160	1750	1160	1240	1200	1400	1800
31	1080	---	1140	1740	---	15500	---	1140	---	1420	1450	---
TOTAL	35750	32012	47270	92700	55910	80210	65950	77950	41960	47850	39040	75660
MEAN	1153	1067	1525	2990	1997	2587	2198	2515	1399	1544	1259	2522
MAX	1730	1440	2950	13100	8390	15500	11200	16500	2610	3190	1770	10200
MIN	1050	939	1090	1140	1360	1330	1300	1140	1040	1060	1010	990
CFSM	0.47	0.44	0.63	1.23	0.82	1.06	0.90	1.03	0.58	0.64	0.52	1.04
IN.	0.55	0.49	0.72	1.42	0.86	1.23	1.01	1.19	0.64	0.73	0.60	1.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2002, BY WATER YEAR (WY)

MEAN	3066	3200	3366	4796	5258	5893	5193	4223	3373	3206	3366	3109
MAX	6800	7349	9716	10900	12550	13320	12830	8335	7734	5721	6396	5545
(WY)	1990	1993	1993	1993	1990	1990	1979	1984	1973	1994	1984	1967
MIN	1153	1067	1477	1643	1997	2060	1797	1574	1383	1544	1259	1534
(WY)	2002	2002	1989	1981	2002	1988	1986	2000	1988	2002	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1965 - 2002	
ANNUAL TOTAL	856542		692262			
ANNUAL MEAN	2347		1897		3993	
HIGHEST ANNUAL MEAN					5959	1990
LOWEST ANNUAL MEAN					1897	2002
HIGHEST DAILY MEAN	14600	Mar 13	16500	May 5	47600	Mar 18 1990
LOWEST DAILY MEAN	939	Nov 12	939	Nov 12	939	Nov 12 2001
ANNUAL SEVEN-DAY MINIMUM	976	Nov 11	976	Nov 11	976	Nov 11 2001
MAXIMUM PEAK FLOW			19400	May 5	48700	Mar 18 1990
MAXIMUM PEAK STAGE			14.71	May 5	25.90	Mar 18 1990
ANNUAL RUNOFF (CFSM)	0.97		0.78		1.64	
ANNUAL RUNOFF (INCHES)	13.11		10.60		22.33	
10 PERCENT EXCEEDS	3980		2710		7550	
50 PERCENT EXCEEDS	1790		1440		2950	
90 PERCENT EXCEEDS	1100		1060		1650	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 045
LATITUDE 332837 LONGITUDE 0845403 NAD27 DRAINAGE AREA 2430.00* CONTRIBUTING DRAINAGE AREA DATUM 682.06 NGVD29
Date Processed: 2003-03-11 11:00 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.24	2.22	2.83	2.33	3.02	2.58	10.20	3.54	2.37	2.44	2.50	2.72
2	2.24	2.27	2.43	---	3.04	3.91	6.79	3.18	2.33	2.51	2.45	2.21
3	2.29	2.29	2.33	2.39	2.90	7.80	4.72	3.54	2.28	3.05	2.45	2.28
4	2.24	2.17	2.30	2.46	2.87	5.19	3.80	7.73	2.31	4.18	2.70	2.47
5	2.23	2.08	2.28	2.40	2.77	3.72	3.34	13.13	3.65	3.09	2.31	2.76
6	2.27	2.08	2.28	2.63	3.49	3.41	3.19	6.88	3.28	2.51	2.27	3.08
7	2.78	2.09	2.31	3.63	8.50	3.10	3.05	4.60	3.69	2.35	2.22	2.97
8	2.45	2.09	2.28	2.90	5.72	3.01	2.96	3.52	3.22	2.25	2.22	2.85
9	2.34	2.19	2.27	2.58	4.23	2.97	2.99	3.19	2.53	2.23	2.19	2.13
10	2.36	2.21	2.34	2.48	3.50	3.03	2.98	3.40	2.38	2.23	2.17	2.17
11	2.35	2.10	3.28	2.45	3.25	2.87	2.95	3.81	2.31	2.37	2.17	2.94
12	2.46	2.06	3.12	2.46	3.16	2.94	2.94	3.02	2.28	2.93	2.18	3.09
13	2.30	2.10	2.72	2.45	2.99	4.22	4.10	2.84	2.28	2.78	2.16	3.48
14	2.45	2.12	3.07	2.43	2.92	3.89	3.90	3.33	2.65	3.23	2.15	4.17
15	3.06	2.10	3.17	2.43	2.89	3.36	3.25	2.95	3.97	3.11	2.17	4.24
16	2.47	2.13	2.71	2.41	2.84	3.10	3.01	2.81	2.63	2.67	2.50	3.55
17	2.33	2.16	---	2.46	2.87	2.97	2.99	2.69	2.40	2.50	2.55	2.78
18	2.28	2.15	4.26	2.44	2.75	2.89	2.87	3.36	2.33	2.42	3.03	5.31
19	2.26	2.17	3.77	3.07	2.73	2.86	2.76	3.89	2.24	2.37	2.82	5.81
20	2.25	2.17	3.02	11.37	2.80	2.81	2.70	3.02	2.22	2.34	3.09	3.44
21	2.29	2.16	3.44	7.26	2.95	3.46	2.62	2.73	2.19	2.28	2.88	5.33
22	2.32	2.14	3.01	6.31	2.81	3.69	2.64	2.58	2.20	2.75	2.30	9.65
23	2.29	2.12	2.65	6.58	2.75	3.16	2.60	2.57	2.24	3.09	2.53	5.45
24	2.29	2.63	3.64	5.57	2.71	2.83	2.72	2.53	2.52	4.52	2.71	3.51
25	2.28	2.72	3.34	10.15	2.68	2.77	2.59	2.48	2.64	3.77	2.62	3.25
26	2.39	2.70	2.70	8.31	2.69	2.88	2.76	2.41	3.06	3.34	2.26	4.56
27	2.29	2.35	2.70	5.65	2.63	3.97	2.54	2.41	2.56	3.31	2.34	4.55
28	2.21	2.29	2.48	4.07	2.61	3.73	2.55	2.41	2.99	2.79	2.72	4.44
29	2.23	2.48	2.45	3.50	---	2.90	2.78	2.41	2.82	2.50	2.77	3.55
30	2.24	2.39	2.37	3.20	---	3.46	3.08	2.36	2.46	2.41	2.66	3.14
31	2.25	---	2.34	3.07	---	12.60	---	2.34	---	2.68	2.72	---
MEAN	2.35	2.23	---	---	3.25	3.74	3.41	3.60	2.63	2.81	2.48	3.73
MAX	3.06	2.72	---	---	8.50	12.60	10.20	13.13	3.97	4.52	3.09	9.65
MIN	2.21	2.06	---	---	2.61	2.58	2.54	2.34	2.19	2.23	2.15	2.13

STATION NUMBER 02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 045
LATITUDE 332837 LONGITUDE 0845403 NAD27 DRAINAGE AREA 2430.00* CONTRIBUTING DRAINAGE AREA DATUM 682.06 NGVD29
Date Processed: 2003-03-11 11:00 By acday
APPROVED
DD #7, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.23	0.02	0.00	0.01	0.00	0.00	0.01	0.00
2	---	0.00	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.16	0.00	0.00
3	---	0.00	0.00	0.00	0.03	0.11	0.00	1.11	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.18	0.00	0.00	0.00	1.13	1.13	0.11	0.00	0.00
5	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
6	0.26	0.00	0.00	0.63	2.11	0.00	0.00	0.00	0.04	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.11	0.34	0.15	0.00	0.00	0.00	0.00
10	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.01	0.00	0.00	0.07	0.00	0.00	0.78	0.00	0.00
12	0.02	0.00	0.00	0.14	0.00	0.80	0.43	0.00	0.00	0.01	0.00	0.00
13	0.10	0.00	0.29	0.00	0.00	0.00	0.03	0.48	0.81	0.19	0.00	0.80
14	0.64	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.09	1.01	0.07	0.78
15	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.33
16	0.00	0.00	0.00	0.00	0.00	0.19	0.08	0.00	0.00	0.00	0.55	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.01	0.00
18	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.58	0.00	0.00	1.71	0.18
19	0.00	0.00	0.00	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.02	0.38	0.39	0.00	0.00	0.00	0.00	0.00	0.62
21	0.00	0.00	0.00	0.41	0.00	0.23	0.00	0.00	0.00	0.28	0.00	0.15
22	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.16	0.28	0.00	0.34
23	0.00	0.28	0.54	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
24	0.00	0.04	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.41	0.10	0.00	0.13	0.00	0.00	0.00	0.00	1.11	0.00	0.00	1.05
26	0.00	0.00	0.00	0.00	0.00	0.47	0.05	0.00	0.04	0.31	0.38	0.30
27	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.13	0.06	0.04	0.00	0.11
28	0.00	0.00	0.00	0.04	0.00	0.00	0.80	0.00	0.03	0.00	0.00	0.00
29	0.00	0.08	0.00	0.00	---	0.00	0.35	0.00	0.00	0.01	0.00	0.00
30	0.00	0.28	0.00	0.01	---	0.87	2.19	0.00	0.00	0.04	0.00	0.00
31	0.00	---	0.00	0.02	---	0.48	---	0.00	---	0.00	0.00	---
TOTAL	---	0.79	1.91	5.68	2.88	5.84	4.35	4.28	3.51	3.22	3.17	4.66

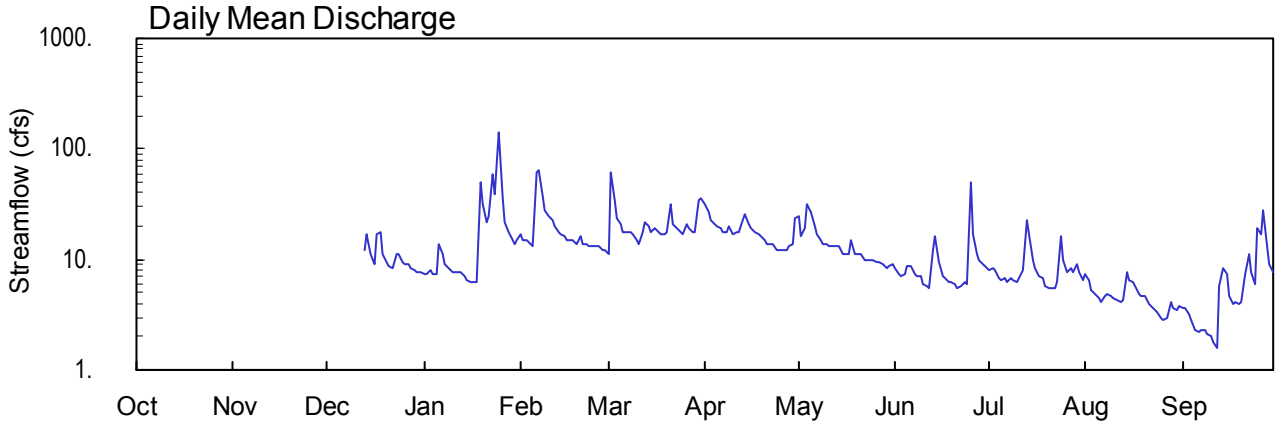
APALACHICOLA RIVER BASIN

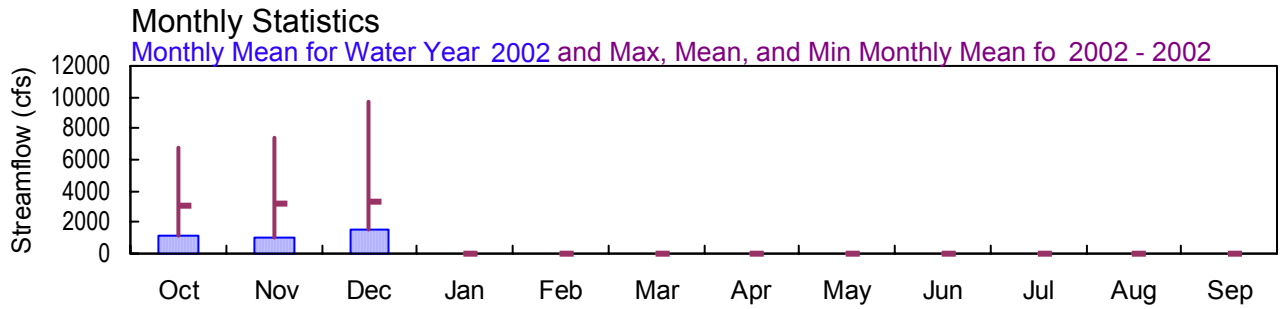
2002 Water Year

02338523 HILLABAHATCHEE CREEK AT THAXTON RD, NR FRANKLIN, GA

Latitude: 33°20'26" Longitude: 85°13'37" Hydrologic Unit Code: 03130002 Heard County

Drainage Area: 16.8 mi^2 Datum: 910.00 feet





APALACHICOLA RIVER BASIN
2002 Water Year

02338523 HILLABAHATCHEE CREEK AT THAXTON ROAD, NEAR FRANKLIN, GA

LOCATION.--Lat 33°20'26", long 85°13'37" referenced to North American Datum (NAD) of 1927, Heard County, Hydrologic Unit 03130002, on right bank, downstream side of bridge, 0.4 miles downstream of confluence of Red Oak Creek, 9.0 miles northwest of Franklin, 1.4 miles southwest of GA 100 on Thaxton Road.

DRAINAGE AREA.—16.8 mi^2.

COOPERATION.—USGS National Water-Quality Assessment Program.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—December 13, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 910.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

WATER-STAGE RECORDS

PERIOD OF RECORD.—December 13, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 910.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 4.34 feet, January 25; minimum gage-height recorded, 1.67 feet, September 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.— November 28, 2001 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02338523 HILLABAHATCHEE CREEK AT THAXTON RD, NR FRANKLIN,GA SOURCE AGENCY USGS STATE 13 COUNTY 149
LATITUDE 332026 LONGITUDE 0851337 NAD27 DRAINAGE AREA 16.8 CONTRIBUTING DRAINAGE AREA 16.8* DATUM 910.00 NGVD29
Date Processed: 2003-03-11 11:02 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	7.3	17	11	32	25	8.2	8.0	7.3	3.7
2	---	---	---	7.3	15	62	27	16	7.5	8.2	6.6	3.7
3	---	---	---	8.1	15	35	23	19	7.1	8.1	5.3	3.2
4	---	---	---	7.5	14	24	21	32	7.4	6.7	4.8	2.8
5	---	---	---	7.4	13	21	20	27	8.6	6.6	4.4	2.3
6	---	---	---	14	62	18	19	20	8.6	6.8	4.2	2.2
7	---	---	---	11	63	18	18	17	7.5	6.3	4.7	2.3
8	---	---	---	9.1	37	18	18	15	7.1	6.9	4.8	2.3
9	---	---	---	8.2	28	17	20	14	7.0	6.6	4.6	2.1
10	---	---	---	7.8	25	15	17	14	6.0	6.2	4.4	2.0
11	---	---	---	7.8	23	14	18	13	5.8	7.3	4.3	1.8
12	---	---	---	7.7	20	18	18	13	5.4	8.1	4.2	1.6
13	---	---	12	7.7	18	22	23	13	12	23	4.3	5.7
14	---	---	17	7.0	17	20	26	13	16	17	7.7	8.3
15	---	---	11	6.5	16	18	21	11	9.4	10	6.5	7.5
16	---	---	9.2	6.2	15	19	19	11	7.2	8.3	6.2	4.7
17	---	---	17	6.2	15	18	18	11	6.8	7.1	5.7	4.0
18	---	---	18	6.3	15	17	17	15	6.2	6.7	4.9	4.1
19	---	---	11	49	14	17	16	11	6.2	5.8	4.7	4.0
20	---	---	9.4	32	16	18	15	11	6.0	5.5	4.6	4.1
21	---	---	8.7	22	14	32	14	11	5.6	5.4	4.0	7.5
22	---	---	8.3	25	14	21	14	10	5.7	5.5	3.8	11
23	---	---	11	58	13	19	14	10	6.3	6.3	3.5	7.7
24	---	---	11	39	13	18	12	9.8	5.9	16	3.3	5.9
25	---	---	9.5	140	13	17	12	9.8	50	10	2.9	19
26	---	---	9.0	36	13	21	12	9.6	17	7.8	2.8	17
27	---	---	8.9	22	12	19	12	9.4	11	8.2	2.9	28
28	---	---	8.5	18	12	18	13	9.1	9.7	7.6	4.1	13
29	---	---	8.0	16	---	18	14	8.4	8.9	9.2	3.7	9.2
30	---	---	7.7	14	---	34	24	8.6	8.6	7.6	3.5	7.8
31	---	---	7.8	15	---	36	---	9.0	---	6.6	3.8	---
TOTAL	---	---	---	629.1	562	673	547	425.7	284.7	259.4	142.5	198.5
MEAN	---	---	---	20.3	20.1	21.7	18.2	13.7	9.49	8.37	4.60	6.62
MAX	---	---	---	140	63	62	32	32	50	23	7.7	28
MIN	---	---	---	6.2	12	11	12	8.4	5.4	5.4	2.8	1.6
MED	---	---	---	9.1	15	18	18	11	7.3	7.3	4.4	4.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	---	---	---	20.3	20.1	21.7	18.2	13.7	9.49	8.37	4.60	6.62
MAX	---	---	---	20.3	20.1	21.7	18.2	13.7	9.49	8.37	4.60	6.62
(WY)	---	---	---	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	---	---	---	20.3	20.1	21.7	18.2	13.7	9.49	8.37	4.60	6.62
(WY)	---	---	---	2002	2002	2002	2002	2002	2002	2002	2002	2002

STATION NUMBER 02338523 HILLABAHATCHEE CREEK AT THAXTON RD, NR FRANKLIN,GA SOURCE AGENCY USGS STATE 13 COUNTY 149
LATITUDE 332026 LONGITUDE 0851337 NAD27 DRAINAGE AREA 16.8 CONTRIBUTING DRAINAGE AREA 16.8* DATUM 910.00 NGVD29
Date Processed: 2003-03-11 11:02 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	1.98	2.17	2.03	2.37	2.27	1.94	1.94	1.91	1.80
2	---	---	---	1.98	2.14	2.61	2.31	2.13	1.92	1.94	1.89	1.80
3	---	---	---	2.00	2.13	2.41	2.25	2.18	1.91	1.94	1.85	1.78
4	---	---	---	1.98	2.09	2.27	2.21	2.36	1.92	1.90	1.83	1.75
5	---	---	---	1.98	2.06	2.21	2.19	2.30	1.95	1.89	1.81	1.73
6	---	---	---	2.15	2.56	2.17	2.18	2.20	1.95	1.90	1.81	1.72
7	---	---	---	2.07	2.68	2.16	2.17	2.16	1.92	1.88	1.83	1.73
8	---	---	---	2.03	2.44	2.16	2.15	2.12	1.91	1.90	1.83	1.72
9	---	---	---	2.00	2.33	2.14	2.20	2.08	1.91	1.89	1.82	1.71
10	---	---	---	1.99	2.28	2.11	2.15	2.08	1.88	1.88	1.81	1.71
11	---	---	---	1.99	2.25	2.09	2.16	2.07	1.87	1.91	1.81	1.70
12	---	---	---	1.99	2.20	2.17	2.17	2.06	1.85	1.94	1.80	1.69
13	---	---	2.09	1.99	2.17	2.23	2.24	2.07	1.96	2.15	1.81	1.82
14	---	---	2.21	1.97	2.15	2.21	2.29	2.06	2.13	2.13	1.92	1.97
15	---	---	2.09	1.95	2.13	2.16	2.22	2.02	1.98	2.00	1.90	1.95
16	---	---	2.03	1.94	2.12	2.18	2.19	2.01	1.91	1.95	1.89	1.85
17	---	---	2.17	1.94	2.11	2.16	2.16	2.01	1.90	1.91	1.87	1.82
18	---	---	2.22	1.94	2.12	2.15	2.15	2.11	1.88	1.90	1.84	1.83
19	---	---	2.09	2.39	2.10	2.14	2.13	2.02	1.88	1.87	1.83	1.83
20	---	---	2.04	2.42	2.13	2.16	2.12	2.02	1.87	1.85	1.83	1.83
21	---	---	2.02	2.29	2.10	2.37	2.10	2.02	1.86	1.85	1.81	1.95
22	---	---	2.00	2.29	2.08	2.21	2.09	2.00	1.86	1.86	1.80	2.05
23	---	---	2.07	2.67	2.07	2.18	2.08	2.00	1.88	1.88	1.78	1.96
24	---	---	2.08	2.44	2.07	2.17	2.05	1.99	1.87	2.08	1.77	1.90
25	---	---	2.04	3.11	2.06	2.15	2.04	1.99	2.31	1.99	1.75	2.18
26	---	---	2.03	2.48	2.06	2.22	2.04	1.98	2.14	1.93	1.75	2.17
27	---	---	2.02	2.28	2.05	2.18	2.06	1.98	2.03	1.94	1.75	2.34
28	---	---	2.01	2.22	2.04	2.16	2.06	1.97	1.98	1.92	1.81	2.10
29	---	---	2.00	2.17	---	2.16	2.09	1.95	1.96	1.95	1.80	2.01
30	---	---	1.99	2.12	---	2.35	2.23	1.95	1.95	1.92	1.79	1.97
31	---	---	1.99	2.13	---	2.43	---	1.96	---	1.89	1.80	---
MEAN	---	---	---	2.16	2.17	2.21	2.16	2.07	1.94	1.93	1.82	1.88
MAX	---	---	---	3.11	2.68	2.61	2.37	2.36	2.31	2.15	1.92	2.34
MIN	---	---	---	1.94	2.04	2.03	2.04	1.95	1.85	1.85	1.75	1.69

STATION NUMBER 02338523 HILLABAHATCHEE CREEK AT THAXTON RD, NR FRANKLIN,GA SOURCE AGENCY USGS STATE 13 COUNTY 149
LATITUDE 332026 LONGITUDE 0851337 NAD27 DRAINAGE AREA 16.8 CONTRIBUTING DRAINAGE AREA 16.8* DATUM 910.00 NGVD29
Date Processed: 2003-03-11 11:02 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	0.00	0.00	0.23	0.02	0.00	0.01	0.00	0.00	0.00	0.00
2	---	---	0.00	0.00	0.00	2.12	0.00	0.00	0.00	0.42	0.00	0.00
3	---	---	0.00	0.00	0.01	0.11	0.00	0.58	0.00	0.00	0.00	0.00
4	---	---	0.00	0.00	0.00	0.00	0.00	0.63	0.32	0.00	0.00	0.00
5	---	---	0.00	0.15	0.05	0.00	0.00	0.00	0.05	0.00	0.00	0.00
6	---	---	0.00	0.64	1.90	0.00	0.00	0.01	0.00	0.00	0.00	0.00
7	---	---	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	---	---	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
9	---	---	0.00	0.00	0.00	0.20	0.29	0.04	0.00	0.00	0.00	0.00
10	---	---	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
11	---	---	0.02	0.01	0.00	0.00	0.06	0.00	0.00	0.36	0.00	0.00
12	---	---	0.01	0.12	0.00	0.72	0.19	0.00	0.00	0.00	0.00	0.00
13	---	---	0.41	0.01	0.00	0.02	1.06	0.20	1.35	1.43	0.00	1.30
14	---	---	0.52	0.00	0.00	0.00	0.04	0.00	0.44	0.01	0.15	0.27
15	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07	0.34
16	---	---	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.22	0.03
17	---	---	0.90	0.00	0.00	0.00	0.01	0.14	0.00	0.00	0.00	0.00
18	---	---	0.00	0.09	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.02
19	---	---	0.00	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	0.00	0.00	0.31	0.63	0.00	0.00	0.00	0.00	0.00	0.55
21	---	---	0.00	0.37	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.10
22	---	---	0.00	0.94	0.00	0.00	0.00	0.00	0.10	0.19	0.00	0.73
23	---	---	0.47	0.09	0.00	0.00	0.00	0.00	0.06	0.27	0.00	0.00
24	---	---	0.00	1.35	0.00	0.01	0.00	0.00	0.00	1.73	0.00	0.00
25	---	---	0.00	0.11	0.00	0.00	0.00	0.00	1.59	0.00	0.00	1.47
26	---	---	0.00	0.00	0.02	0.52	0.11	0.00	0.24	0.07	0.00	0.64
27	---	---	0.00	0.00	0.00	0.00	0.01	0.00	0.15	0.10	0.00	0.46
28	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.51	0.00
29	---	0.20	0.00	0.00	---	0.00	0.37	0.00	0.02	0.63	0.00	0.00
30	---	0.23	0.00	0.00	---	0.90	1.44	0.22	0.29	0.00	0.11	0.00
31	---	---	0.00	0.00	---	0.29	---	0.00	---	0.05	0.00	---
TOTAL	---	---	2.99	5.70	2.61	5.98	3.61	2.26	4.67	5.32	1.06	5.91

02338523 HILLABAHATCHEE CREEK AT THAXTON ROAD, NEAR FRANKLIN, GA

LOCATION.--Lat 33°20'26", long 85°13'37", referenced to North American Datum (NAD) of 1927, Heard County, Hydrologic Unit 03130002, on right bank, downstream side of bridge, 0.4 miles downstream of confluence of Red Oak Creek, 9.0 miles northwest of Franklin, 1.4 miles southwest of GA 100 on Thaxton Road.

DRAINAGE AREA.—16.8 mi^2.

REMARKS.—Datum of gage is 910.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)
MAY													
30...	1145	1028	80020	2.92	31	10	7.4	744	9.0	99	6.8	22	25.5
30...	1146	1028	1028	2.92	31	10	7.4	--	--	--	--	--	--
JUN													
05...	1245	--	80020	--	27	10	5.5	747	8.9	98	6.2	22	25.0
05...	1246	1028	1028	--	27	10	5.5	--	--	--	--	--	--
JUL													
11...	1230	--	80020	--	19	10	20	740	8.2	99	6.1	23	30.0
11...	1231	1028	82213	--	19	10	20	--	--	--	--	--	--
AUG													
07...	1200	--	80020	--	13	40	4.3	748	8.1	97	6.3	23	28.0
07...	1201	1028	82213	--	13	40	4.3	--	--	--	--	--	--
SEP													
12...	1345	--	80020	--	13	40	11	745	8.0	96	6.8	24	--
12...	1346	--	--	--	13	40	11	--	--	--	--	--	--

Date	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
MAY													
30...	18.6	--	6	1.15	.799	1.04	.4	2.07	38	8	1.70	<.2	9.28
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
05...	19.1	--	6	1.08	.801	.71	.3	1.75	36	8	1.73	<.2	9.53
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
11...	23.4	0	6	1.23	.799	.83	.3	1.90	36	8	1.78	<.2	8.75
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
07...	23.4	--	6	1.17	.733	.70	.4	2.01	39	8	1.83	<.2	9.31
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
12...	23.4	--	7	1.34	.843	.87	.3	1.83	33	9	1.83	<.2	9.18
12...	23.4	--	--	--	--	--	--	--	--	--	--	--	--

02338523 HILLABAHATCHEE CREEK AT THAXTON ROAD, NEAR FRANKLIN, GA—continued

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)
MAY													
30...	1.2	2.20	26	22	<.04	.19	.10	.27	.08	E.005	.18	.012	<.02
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
05...	1.1	1.38	19	21	<.04	E.05	.09	--	.09	E.003	.18	.008	<.02
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
11...	1.1	1.57	30	21	<.04	.11	.19	.22	.11	E.003	.30	E.006	<.02
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
07...	.8	.83	23	21	<.04	E.06	E.07	--	.08	<.006	--	E.003	<.02
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
12...	1.1	1.02	30	22	<.04	E.08	.14	--	.07	<.006	.20	<.006	<.02
12...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)
MAY													
30...	.024	190	24.8	<.002	<.004	<.002	<.005	<.007	<.010	<.003	<.006	<.005	<.005
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
05...	.013	186	20.6	<.002	<.004	<.002	<.005	<.007	<.010	<.003	<.006	<.005	<.005
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
11...	.024	144	17.2	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
07...	.009	192	15.6	<.002	<.004	<.002	<.005	<.007	<.010	<.003	<.006	<.005	<.005
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
12...	.014	73	17.1	<.002	<.004	<.002	<.005	<.007	<.010	<.003	<.006	<.005	<.005
12...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
MAY													
30...	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
05...	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
07...	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
12...	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
12...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)
MAY													
30...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004	<.010	<.011	<.02	<.011
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
05...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004	<.010	<.011	<.02	<.011
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
07...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004	<.010	<.011	<.02	<.011
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
12...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004	<.010	<.011	<.02	<.011
12...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY											
30...	<.02	<.034	<.02	<.005	<.002	<.009	--	--	--	15.00	3045
30...	--	--	--	--	--	--	70	10	.85	15.00	3045
JUN											
05...	<.02	<.034	<.02	<.005	<.002	<.009	--	--	--	15.00	3045
05...	--	--	--	--	--	--	81	4.0	.29	15.00	3045
JUL											
11...	--	--	--	--	--	--	--	--	--	15.00	3045
11...	--	--	--	--	--	--	92	92	4.8	15.00	3045
AUG											
07...	<.02	<.034	<.02	<.005	<.002	<.009	--	--	--	15.00	3070
07...	--	--	--	--	--	--	88	3.0	.11	15.00	3070
SEP											
12...	<.02	<.034	<.02	<.005	<.002	<.009	--	--	--	15.00	3070
12...	--	--	--	--	--	--	94	7.0	.24	15.00	3070

02338523 HILLABAHATCHEE CREEK AT THAXTON ROAD, NEAR FRANKLIN, GA—continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)
OCT													
17...	1400	1028	80020	--	--	40	2.8	751	9.6	91	7.1	23	13.5
NOV													
09...	1245	1028	80020	--	--	40	1.9	751	10.0	95	6.5	21	21.0
DEC													
11...	1330	1028	80020	--	--	40	3.0	749	--	--	6.7	23	11.0
JAN													
16...	1330	1028	80020	1.94	6.1	40	1.6	749	11.7	97	6.6	21	14.5
FEB													
12...	1345	1028	80020	2.19	18	10	3.2	748	12.1	106	6.6	22	--
MAR													
15...	1145	1028	80020	2.16	18	40	3.5	745	11.3	108	6.8	22	24.0
APR													
16...	1630	1028	80020	2.18	19	10	9.5	746	8.4	97	6.9	23	28.0
MAY													
15...	1315	1028	80020	2.04	12	40	4.0	751	9.2	97	6.7	23	--
JUN													
12...	1500	1028	80020	1.82	5.9	40	4.3	740	7.5	91	6.8	23	--
JUL													
10...	1500	1028	80020	1.87	5.9	40	5.9	760	7.8	95	6.8	24	--
AUG													
06...	1630	1028	80020	1.82	4.6	40	5.4	740	7.8	100	6.8	26	--
SEP													
04...	1700	1028	80020	1.73	2.4	40	2.9	743	8.0	99	6.8	24	--

Date	TEMPER-ATURE WATER (DEG C) (00010)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)
OCT													
17...	12.4	11	2.00	.8	<.04	.12	<.05	<.008	.06	--	<.02	.008	.4
NOV													
09...	12.2	9	1.90	.7	E.02	E.06	<.05	<.008	.04	--	<.02	.007	.3
DEC													
11...	11.2	8	1.98	.8	<.04	.11	E.03	<.008	<.02	--	<.02	.009	.4
JAN													
16...	6.6	9	1.82	.9	<.04	E.07	.05	<.008	<.02	--	<.02	.004	.3
FEB													
12...	8.6	9	1.90	1.2	<.04	E.08	.06	<.008	<.02	--	<.02	.006	.4
MAR													
15...	12.4	9	1.94	1.1	<.04	E.06	E.04	<.008	.04	--	<.02	.010	.3
APR													
16...	21.4	10	2.00	1.1	<.04	.11	E.04	<.008	<.02	--	<.02	.013	.5
MAY													
15...	17.0	10	1.57	.9	<.04	E.09	.11	<.008	<.02	--	<.02	.011	.3
JUN													
12...	23.3	E9	1.79	.7	<.04	.31	.10	<.008	<.02	.41	<.02	.011	.2
JUL													
10...	25.1	10	1.86	.6	<.04	E.10	.08	<.008	.03	--	<.02	.014	.2
AUG													
06...	26.5	E10	1.78	.7	<.04	E.07	.07	<.008	.03	--	<.02	.016	.2
SEP													
04...	24.7	11	2.93	.6	<.04	.10	E.04	<.008	.03	--	<.02	.012	.2

Date	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)
OCT													
17...	--	2.1	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--i	1.6	--i	--	--	--	--	--	--	--	<.002	--	--
DEC													
11...	<.1	.4	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	.1	.9	.2	--	--	--	--	--	--	--	<.006	--	--
FEB													
12...	<.1	.9	.4	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.1	1.2	.3	--	--	--	--	--	--	--	<.006	--	--
APR													
16...	<.1	1.3	.5	--	--	--	--	--	--	--	<.006	--	--
MAY													
15...	<.1	1.0	.3	--	--	--	--	--	--	--	<.006	--	--
JUN													
12...	<.1	1.1	.2	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1	<.005
JUL													
10...	<.1	1.0	.2	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1	<.005
AUG													
06...	<.1	1.0	.2	--	--	--	--	--	--	--	<.006	--	--
SEP													
04...	<.1	1.4	.2	--	--	--	--	--	--	--	--	--	--

Date	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	AMINO-METHYL-PHOS-PHONIC ACID, WAT FLT (UG/L) (62649)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)
OCT													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	--	--	<.004	--	<.002	--	--	--	<.005	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	--	--	--	<.006	--	<.004	--	--	--	<.005	--	--	--
FEB													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	--	--	--	<.006	--	<.004	--	--	--	<.005	--	--	--
APR													
16...	--	--	--	<.006	--	<.004	--	--	--	<.005	--	--	--
MAY													
15...	--	--	--	<.006	--	<.004	--	--	--	<.005	--	--	--
JUN													
12...	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1	<.004	<.004
JUL													
10...	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1	<.004	<.004
AUG													
06...	--	--	--	<.006	--	<.004	--	--	--	<.005	--	--	--
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
OCT 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 09...	--	--	<.007	--	--	<.010	--	--	--	--	--	--	--
DEC 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 16...	--	--	<.007	--	--	<.010	--	--	--	--	--	--	--
FEB 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	--	--	<.007	--	--	<.010	--	--	--	--	--	--	--
APR 16...	--	--	<.007	--	--	<.010	--	--	--	--	--	--	--
MAY 15...	--	--	<.007	--	--	<.010	--	--	--	--	--	--	--
JUN 12...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.05	<.005	<.03
JUL 10...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.05	<.005	<.03
AUG 06...	--	--	<.007	--	--	<.010	--	--	--	--	--	--	--
SEP 04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
OCT 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 12...	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01
JUL 10...	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01
AUG 06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)
OCT 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 09...	<.003	<.006	--	--	<.005	--	--	<.005	--	--	--	--	--
DEC 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 16...	<.003	<.006	--	--	<.005	--	--	<.005	--	--	--	--	--
FEB 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.003	<.006	--	--	<.005	--	--	<.005	--	--	--	--	--
APR 16...	<.003	<.006	--	--	<.005	--	--	<.005	--	--	--	--	--
MAY 15...	<.003	<.006	--	--	<.005	--	--	<.005	--	--	--	--	--
JUN 12...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002
JUL 10...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002
AUG 06...	<.003	<.006	--	--	<.005	--	--	<.005	--	--	--	--	--
SEP 04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
OCT 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV 09...	<.02	--	--	--	--	--	--	<.002	<.009	--	--	<.005	--
DEC 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN 16...	<.02	--	--	--	--	--	--	<.002	<.009	--	--	<.005	--
FEB 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.02	--	--	--	--	--	--	<.002	<.009	--	--	<.005	--
APR 16...	<.02	--	--	--	--	--	--	<.002	<.009	--	--	<.005	--
MAY 15...	<.02	--	--	--	--	--	--	<.002	<.009	--	--	<.005	--
JUN 12...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008
JUL 10...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008
AUG 06...	<.02	--	--	--	--	--	--	<.002	<.009	--	--	<.005	--
SEP 04...	--	--	--	--	--	--	--	--	--	--	--	--	--

02338523 HILLABAHATCHEE CREEK AT THAXTON ROAD, NEAR FRANKLIN, GA—continued

Date	FENAMIPHOS SULFOXIDE WAT FLT REC (UG/L) (61646)	FENAMIPHOS WATER FLTRD REC (UG/L) (61591)	FENTHION SULFOXIDE WAT FLT REC (UG/L) (61647)	FENTHION WATER FLTRD (UG/L) (38801)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMETRALIN WATER FLTRD REC (UG/L) (61592)	FLUMETSULAM WATER FLTRD REC (UG/L) (61694)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	GLUFOSINATE, WATER, FLTRD, GF 0.7U REC (UG/L) (62721)	GLYPHOSATE, WATER, FLTRD, GF 0.7U REC (UG/L) (62722)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)
OCT													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	--	--	--	--	--	--	--	--	<.003	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	--	--	--	--	--	--	--	--	--	<.003	--	--	--
FEB													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	--	--	--	--	--	--	--	--	--	<.003	--	--	--
APR													
16...	--	--	--	--	--	--	--	--	--	<.003	--	--	--
MAY													
15...	--	--	--	--	--	--	--	--	--	<.003	--	--	--
JUN													
12...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.1	<.1	<.013
JUL													
10...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.1	<.1	<.013
AUG													
06...	--	--	--	--	--	--	--	--	--	<.003	--	--	--
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	HYDROXYATRAZINE WATER FLTRD REC (UG/L) (50355)	HYDROXYMETHYLPENDIMETHLION FLT REC (UG/L) (61665)	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)	IMAZETHAPYR WATER FLTRD REC (UG/L) (50407)	IMIDACLOPRID WATER FLTRD REC (UG/L) (61695)	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDACYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MALATHION, DISSOLVED (UG/L) (39532)
OCT													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	--	--	--	--	--	--	--	<.004	--	<.035	--	<.027
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	--	--	--	--	--	--	--	--	<.004	--	<.035	--	<.027
FEB													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	--	--	--	--	--	--	--	--	<.004	--	<.035	--	<.027
APR													
16...	--	--	--	--	--	--	--	--	<.004	--	<.035	--	<.027
MAY													
15...	--	--	--	--	--	--	--	--	<.004	--	<.035	--	<.027
JUN													
12...	<.008	<.1	<.02	E.01	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027
JUL													
10...	<.008	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027
AUG													
06...	--	--	--	--	--	--	--	--	<.004	--	<.035	--	<.027
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

02338523 HILLABAHATCHEE CREEK AT THAXTON ROAD, NEAR FRANKLIN, GA—continued

Date	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
OCT													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	--	--	--	--	--	--	<.050	<.006	<.013	<.006	--	<.002
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	--	--	--	--	--	--	--	<.050	<.006	<.013	<.006	--	<.002
FEB													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	--	--	--	--	--	--	--	<.050	<.006	<.013	<.006	--	<.002
APR													
16...	--	--	--	--	--	--	--	<.050	<.006	<.013	<.006	--	<.002
MAY													
15...	--	--	--	--	--	--	--	<.050	<.006	<.013	<.006	--	<.002
JUN													
12...	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002
JUL													
10...	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002
AUG													
06...	--	--	--	--	--	--	--	<.050	<.006	<.013	<.006	--	<.002
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)
OCT													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	--	<.007	--	--	--	--	--	--	--	<.003	--	--	<.007
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	--	<.007	--	--	--	--	--	--	--	<.003	--	--	<.010
FEB													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	--	<.007	--	--	--	--	--	--	--	<.003	--	--	<.010
APR													
16...	--	<.007	--	--	--	--	--	--	--	<.003	--	--	<.010
MAY													
15...	--	<.007	--	--	--	--	--	--	--	<.003	--	--	<.010
JUN													
12...	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010
JUL													
10...	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010
AUG													
06...	--	<.007	--	--	--	--	--	--	--	<.003	--	--	<.010
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

02338523 HILLABAHATCHEE CREEK AT THAXTON ROAD, NEAR FRANKLIN, GA—continued

Date	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
OCT													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.002	<.010	<.006	--	<.011	--	--	--	--	--	<.01	--	<.004
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	<.004	<.022	<.006	--	<.011	--	--	--	--	--	<.01	--	<.004
FEB													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.004	<.022	<.006	--	<.011	--	--	--	--	--	<.01	--	<.004
APR													
16...	<.004	<.022	<.006	--	<.011	--	--	--	--	--	<.01	--	<.004
MAY													
15...	<.004	<.022	<.006	--	<.011	--	--	--	--	--	<.01	--	<.004
JUN													
12...	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004
JUL													
10...	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004
AUG													
06...	<.004	<.022	<.006	--	<.011	--	--	--	--	--	<.01	--	<.004
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)
OCT													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.010	<.011	<.02	--	--	--	--	--	<.011	--	--	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	<.010	<.011	<.02	--	--	--	--	--	<.005	--	--	--	--
FEB													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.010	<.011	<.02	--	--	--	--	--	<.005	--	--	--	--
APR													
16...	<.010	<.011	<.02	--	--	--	--	--	<.005	--	--	--	--
MAY													
15...	<.010	<.011	<.02	--	--	--	--	--	<.005	--	--	--	--
JUN													
12...	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006
JUL													
10...	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006
AUG													
06...	<.010	<.011	<.02	--	--	--	--	--	<.005	--	--	--	--
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)
OCT													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
09...	<.02	--	--	--	--	--	<.034	<.02	--	--	<.005	--	--
DEC													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
16...	<.02	--	--	--	--	--	<.034	<.02	--	--	<.005	--	--
FEB													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
15...	<.02	--	--	--	--	--	<.034	<.02	--	--m	<.005	--	--
APR													
16...	<.02	--	--	--	--	--	<.034	<.02	--	--	<.005	--	--
MAY													
15...	<.02	--	--	--	--	--	<.034	<.02	--	--	<.005	--	--
JUN													
12...	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01
JUL													
10...	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01
AUG													
06...	<.02	--	--	--	--	--	<.034	<.02	--	--	<.005	--	--
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
OCT													
17...	--	--	--	--	--	--	--	--	70	11	--	15.00	3070
NOV													
09...	<.002	--	--	--	<.009	--	--	--	68	9.0	--	15.00	3070
DEC													
11...	--	--	--	--	--	--	--	--	66	9.0	--	15.00	3070
JAN													
16...	<.002	--	--	--	<.009	--	--	--	61	11	.18	15.00	3070
FEB													
12...	--	--	--	--	--	--	--	--	66	15	.73	15.00	3045
MAR													
15...	<.002	--	--	--	<.009	--	--	--	68	10	.49	15.00	3070
APR													
16...	<.002	--	--	--	<.009	--	--	--	80	3.0	.15	15.00	3045
MAY													
15...	<.002	--	--	--	<.009	--	--	--	92	3.0	.10	15.00	3070
JUN													
12...	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	91	4.0	.06	15.00	3070
JUL													
10...	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	81	5.0	.08	15.00	3070
AUG													
06...	<.002	--	--	--	<.009	--	--	--	95	4.0	.05	15.00	3070
SEP													
04...	--	--	--	--	--	--	--	--	96	--	--	15.00	3070

Remark codes used in this report:
< -- Less than
E -- Estimated value

Null value qualifier codes used in this report:
i -- Required sample type not received
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

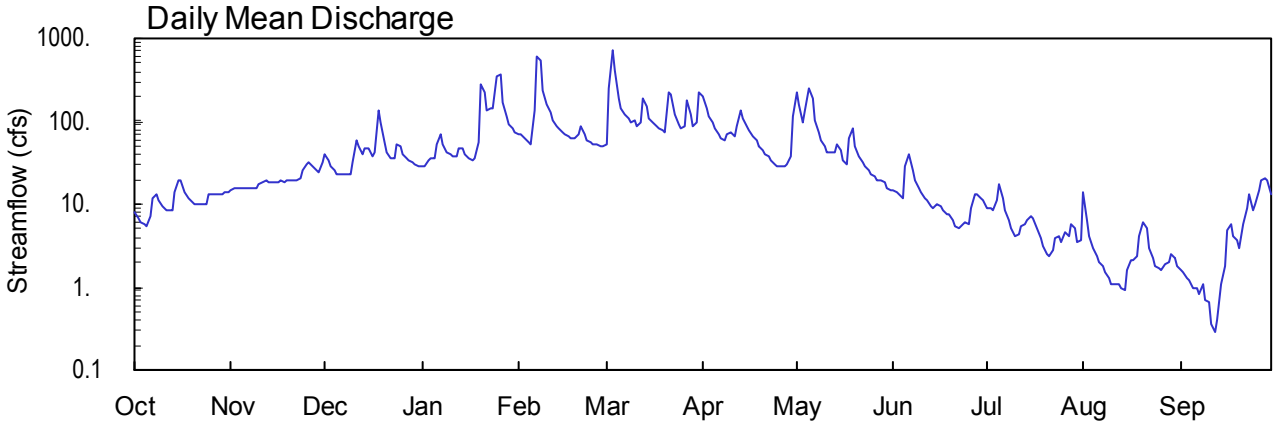
APALACHICOLA RIVER BASIN

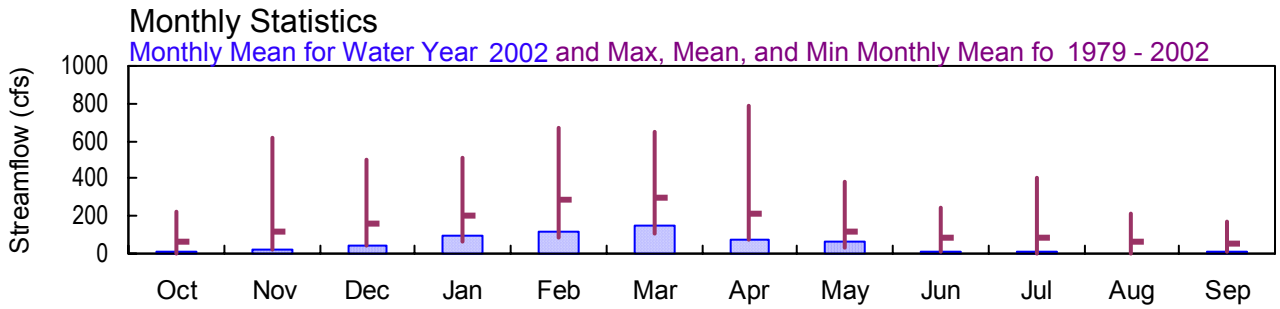
2002 Water Year

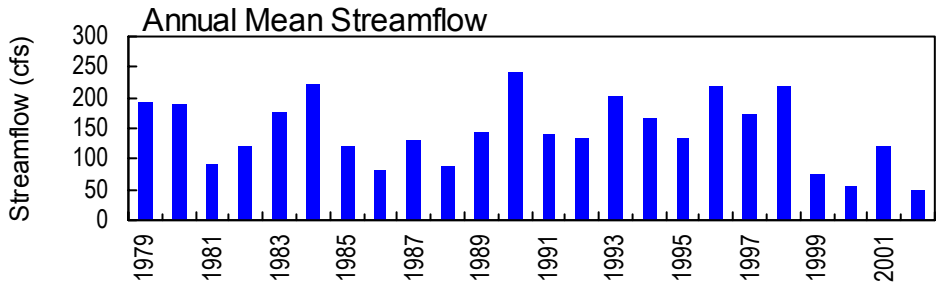
02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA

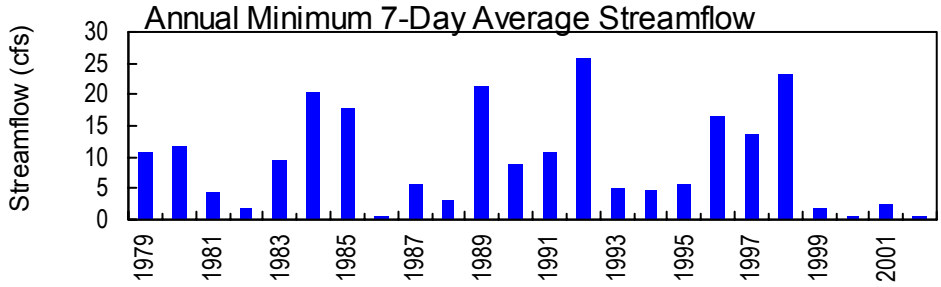
Latitude: 33°14'07" Longitude: 84°59'16" Hydrologic Unit Code: 03130002 Heard County

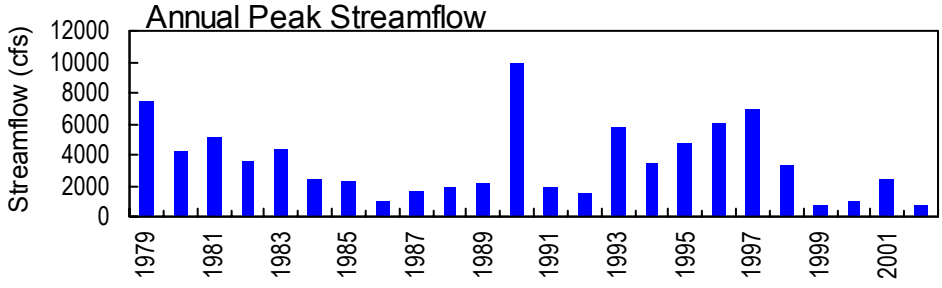
Drainage Area: 127. mi^2 Datum: 634.68 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA

LOCATION.—Lat 33°14'07", long 84°59'16" referenced to North American Datum (NAD) of 1927, Heard County, Hydrologic Unit 03130002, at bridge on GA 100, 1.7 miles downstream of Caney Creek, 2.5 miles west of Corinth, 3.9 miles downstream of Mountain Creek, and 8.1 miles upstream of Chattahoochee River.

DRAINAGE AREA.—2,680 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1978 to current year.

REVISED RECORDS.—WDR GA-90-1: 1979(M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 623.90 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharge greater than base discharge of 1,800 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 3	1345	752*	7.70*

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1978 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 623.90 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.70 feet, March 3; minimum gage-height recorded, 2.06 feet, September 12.

02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 5, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 149
LATITUDE 331407 LONGITUDE 0845916 NAD27 DRAINAGE AREA 127.00* CONTRIBUTING DRAINAGE AREA DATUM 634.68 NGVD29
Date Processed: 2003-03-11 11:08 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.8	15	40	28	70	52	198	224	15	9.1	14	1.6
2	6.6	16	34	28	71	249	145	158	14	8.9	6.5	1.5
3	6.0	16	28	33	61	698	118	96	13	8.7	4.1	1.3
4	5.6	16	25	36	56	404	96	135	12	11	3.0	1.2
5	5.4	16	23	36	52	193	83	246	29	17	2.4	1.0
6	7.1	16	23	52	134	146	71	188	40	12	2.0	0.95
7	12	16	23	70	594	122	62	103	26	8.6	1.8	0.81
8	13	16	23	52	536	106	59	74	19	6.4	1.5	1.1
9	11	16	23	43	236	96	71	58	16	5.0	1.3	0.70
10	9.3	17	32	39	158	102	75	49	14	4.1	1.1	0.67
11	8.7	18	58	37	125	88	65	43	12	4.4	1.1	0.35
12	8.5	20	50	37	101	96	85	42	11	5.3	1.1	0.28
13	8.4	18	41	48	89	190	135	42	9.3	5.9	0.97	0.41
14	14	18	47	46	81	150	111	53	8.9	6.4	0.93	1.1
15	20	18	47	39	75	110	87	44	9.8	7.3	1.6	1.8
16	20	18	38	35	71	97	76	34	9.7	6.7	2.1	4.8
17	14	19	42	33	67	89	65	31	8.6	5.1	2.1	5.8
18	12	18	133	35	64	82	58	61	7.4	4.0	2.3	4.1
19	11	19	99	57	61	76	50	83	7.4	3.1	4.1	3.6
20	10	19	56	285	70	72	45	50	6.4	2.5	6.0	3.0
21	10	20	42	227	87	227	41	37	5.5	2.3	5.0	5.8
22	10	20	36	137	69	216	37	32	5.0	2.8	3.0	9.2
23	10	21	36	145	60	120	33	28	5.8	4.0	2.2	13
24	10	26	52	144	56	91	31	26	6.2	4.2	1.8	8.4
25	13	31	51	353	53	82	29	23	5.7	3.4	1.7	9.9
26	13	32	40	376	52	86	28	22	9.1	4.6	1.6	15
27	13	29	35	166	50	179	29	20	13	4.2	1.9	19
28	13	26	33	113	51	121	31	19	13	5.9	2.0	21
29	13	24	32	93	---	88	37	18	12	5.0	2.5	19
30	14	32	30	81	---	98	116	16	11	3.5	2.2	13
31	14	---	29	73	---	218	---	15	---	3.7	1.8	---
TOTAL	343.4	606	1301	2977	3250	4744	2167	2070	374.8	185.1	85.70	169.37
MEAN	11.1	20.2	42.0	96.0	116	153	72.2	66.8	12.5	5.97	2.76	5.65
MAX	20	32	133	376	594	698	198	246	40	17	14	21
MIN	5.4	15	23	28	50	52	28	15	5.0	2.3	0.93	0.28
CFSM	0.09	0.16	0.33	0.76	0.91	1.20	0.57	0.53	0.10	0.05	0.02	0.04
IN.	0.10	0.18	0.38	0.87	0.95	1.39	0.63	0.61	0.11	0.05	0.03	0.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 2002, BY WATER YEAR (WY)

MEAN	63.3	118	161	203	288	297	217	116	86.7	88.4	62.0	48.0
MAX	222	622	502	510	672	653	786	383	249	406	213	174
(WY)	1990	1993	1984	1990	1990	1990	1979	1991	1980	1994	1984	1994
MIN	5.11	20.2	42.0	67.2	87.4	104	70.6	35.2	10.6	2.67	2.76	5.65
(WY)	2001	2002	2002	1981	2000	1988	1986	2000	2000	2000	2002	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1979 - 2002	
ANNUAL TOTAL	42971.1		18274.87			
ANNUAL MEAN	118		50.1		145	
HIGHEST ANNUAL MEAN					241	1990
LOWEST ANNUAL MEAN					50.1	2002
HIGHEST DAILY MEAN	1740	Mar 16	698	Mar 3	7740	Mar 17 1990
LOWEST DAILY MEAN	5.4	Oct 5	0.28	Sep 12	0.24	Aug 7 1986
ANNUAL SEVEN-DAY MINIMUM	7.0	Sep 30	0.62	Sep 7	0.62	Sep 7 2002
MAXIMUM PEAK FLOW			752	Mar 3	10000	Mar 17 1990
MAXIMUM PEAK STAGE			7.70	Mar 3	17.17	Mar 17 1990
ANNUAL RUNOFF (CFSM)	0.93		0.39		1.14	
ANNUAL RUNOFF (INCHES)	12.59		5.35		15.51	
10 PERCENT EXCEEDS	266		120		299	
50 PERCENT EXCEEDS	51		23		82	
90 PERCENT EXCEEDS	13		2.3		15	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 149
LATITUDE 331407 LONGITUDE 0845916 NAD27 DRAINAGE AREA 127.00* CONTRIBUTING DRAINAGE AREA DATUM 634.68 NGVD29
Date Processed: 2003-03-11 11:04 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.84	3.26	3.91	3.66	4.44	4.13	5.72	5.89	3.17	2.91	3.12	2.35
2	2.77	3.30	3.79	3.66	4.45	5.65	5.28	5.35	3.14	2.90	2.77	2.33
3	2.74	3.31	3.65	3.77	4.30	7.58	5.03	4.71	3.07	2.88	2.60	2.31
4	2.71	3.30	3.58	3.84	4.22	6.69	4.80	5.16	3.04	3.00	2.51	2.28
5	2.70	3.29	3.53	3.83	4.13	5.68	4.63	5.97	3.55	3.24	2.45	2.26
6	2.80	3.30	3.52	4.14	4.94	5.29	4.46	5.58	3.81	3.06	2.40	2.25
7	3.03	3.30	3.53	4.44	7.31	5.06	4.32	4.79	3.51	2.88	2.38	2.22
8	3.08	3.30	3.52	4.14	7.13	4.91	4.26	4.40	3.31	2.76	2.34	2.26
9	3.00	3.31	3.51	3.97	5.96	4.81	4.46	4.15	3.22	2.67	2.31	2.19
10	2.92	3.32	3.72	3.89	5.40	4.87	4.51	3.98	3.12	2.61	2.28	2.18
11	2.89	3.36	4.25	3.85	5.09	4.70	4.36	3.88	3.03	2.62	2.27	2.10
12	2.87	3.42	4.10	3.86	4.86	4.79	4.62	3.85	2.97	2.69	2.28	2.08
13	2.87	3.39	3.93	4.07	4.71	5.66	5.18	3.86	2.92	2.73	2.25	2.11
14	3.11	3.37	4.05	4.03	4.60	5.32	4.96	4.06	2.90	2.76	2.24	2.26
15	3.32	3.37	4.05	3.90	4.51	4.95	4.69	3.88	2.95	2.82	2.34	2.34
16	3.32	3.38	3.88	3.82	4.46	4.82	4.53	3.70	2.94	2.78	2.41	2.59
17	3.17	3.39	3.94	3.78	4.40	4.71	4.37	3.62	2.88	2.68	2.41	2.68
18	3.10	3.38	5.16	3.80	4.35	4.62	4.24	4.17	2.82	2.60	2.43	2.57
19	3.07	3.40	4.80	4.17	4.30	4.52	4.11	4.52	2.82	2.52	2.61	2.52
20	3.06	3.41	4.20	6.20	4.43	4.47	4.01	4.00	2.76	2.46	2.73	2.47
21	3.06	3.42	3.96	5.88	4.69	5.85	3.93	3.76	2.71	2.44	2.67	2.68
22	3.05	3.42	3.84	5.21	4.42	5.81	3.85	3.63	2.67	2.49	2.51	2.86
23	3.07	3.45	3.83	5.28	4.28	5.05	3.78	3.55	2.72	2.58	2.43	3.05
24	3.07	3.60	4.13	5.27	4.21	4.74	3.72	3.49	2.75	2.62	2.38	2.83
25	3.19	3.74	4.12	6.50	4.16	4.62	3.68	3.43	2.72	2.55	2.36	2.90
26	3.20	3.75	3.93	6.61	4.13	4.66	3.64	3.37	2.88	2.65	2.35	3.14
27	3.18	3.67	3.81	5.46	4.09	5.57	3.67	3.33	3.10	2.62	2.39	3.26
28	3.20	3.60	3.76	4.98	4.11	5.05	3.72	3.31	3.08	2.73	2.40	3.34
29	3.20	3.56	3.74	4.76	---	4.70	3.83	3.25	3.03	2.67	2.46	3.25
30	3.20	3.74	3.71	4.60	---	4.78	4.97	3.20	3.00	2.56	2.42	3.04
31	3.23	---	3.68	4.48	---	5.87	---	3.18	---	2.56	2.38	---
MEAN	3.03	3.43	3.91	4.51	4.72	5.16	4.38	4.10	3.02	2.71	2.45	2.56
MAX	3.32	3.75	5.16	6.61	7.31	7.58	5.72	5.97	3.81	3.24	3.12	3.34
MIN	2.70	3.26	3.51	3.66	4.09	4.13	3.64	3.18	2.67	2.44	2.24	2.08

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 149
LATITUDE 331407 LONGITUDE 0845916 NAD27 DRAINAGE AREA 127.00* CONTRIBUTING DRAINAGE AREA DATUM 634.68 NGVD29
Date Processed: 2003-03-11 11:04 By acday
APPROVED
DD #6, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	0.02	0.00	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	0.06	0.01	0.00	0.22	0.00	0.00
3	---	---	---	---	---	---	---	0.66	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	0.71	0.35	1.17	1.39	0.00	0.00
5	---	---	---	---	---	---	---	0.01	0.04	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	---	0.13	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	0.01	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.00	0.00
9	---	---	---	---	---	---	0.40	0.01	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	0.01	0.01	0.00	0.00	0.00
11	---	---	---	---	---	---	0.03	0.00	0.00	1.14	0.00	0.00
12	---	---	---	---	---	---	0.18	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	0.11	0.17	0.00	0.17	0.00	1.26
14	---	---	---	---	---	---	0.00	0.00	0.23	0.03	0.14	0.56
15	---	---	---	---	---	---	0.00	0.00	0.00	0.07	0.36	0.29
16	---	---	---	---	---	---	0.00	0.01	0.00	0.00	0.00	0.01
17	---	---	---	---	---	---	0.00	0.38	0.00	0.00	0.02	0.00
18	---	---	---	---	---	---	0.00	0.35	0.01	0.00	1.10	0.05
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.13
21	---	---	---	---	---	---	0.00	0.00	0.00	0.67	0.00	0.79
22	---	---	---	---	---	---	0.02	0.00	0.13	0.00	0.00	1.14
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.09	0.14	0.00
25	---	---	---	---	---	---	0.00	0.00	0.12	0.02	0.00	1.04
26	---	---	---	---	---	0.45	0.11	0.00	0.40	0.33	1.13	0.25
27	---	---	---	---	---	0.01	0.00	0.00	0.53	0.14	0.01	0.13
28	---	---	---	---	---	0.00	0.00	0.01	0.13	0.01	0.00	0.00
29	---	---	---	---	---	0.03	0.13	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	0.02	1.33	0.01	0.35	0.00	0.00	0.00
31	---	---	---	---	---	0.02	---	0.00	---	0.28	0.00	---
TOTAL	---	---	---	---	---	---	---	---	3.25	4.57	2.91	5.65

02339400 WEST POINT LAKE NEAR WEST POINT, GA

LOCATION.—Lat 32°55'05", long 85°11'17" referenced to North American Datum (NAD) of 1927, Troup County, Hydrologic Unit 03130002, at forebay of dam on Chattahoochee River, 2.3 miles upstream from Oseligee Creek, 3.0 miles north of West Point, 3.2 miles upstream from bridge on US 29, and at mile 201.4.

REMARKS.-- Water levels are provided by the U.S. Army Corps of Engineers, Mobile District. Please see the following Internet location for more information:

http://water.sam.usace.army.mil/

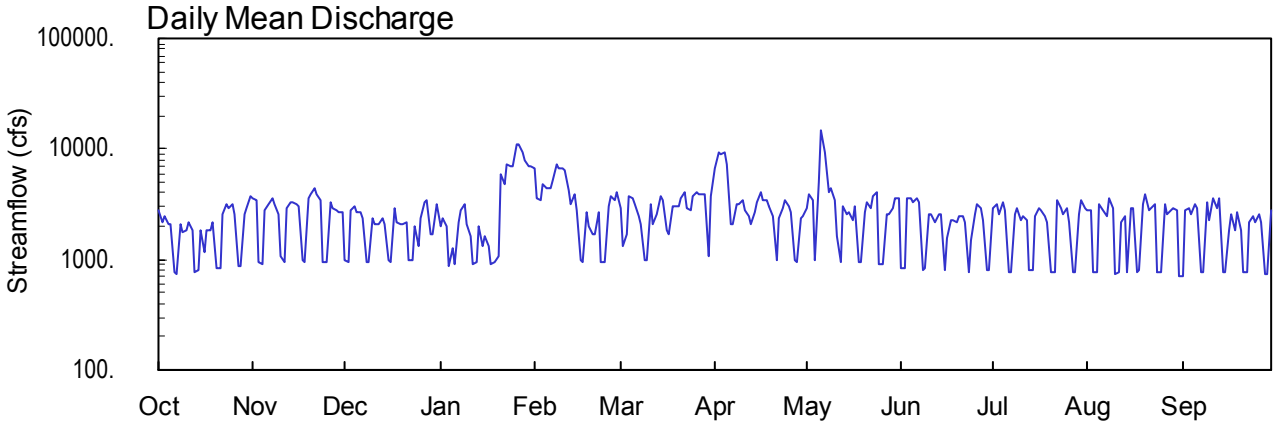
APALACHICOLA RIVER BASIN

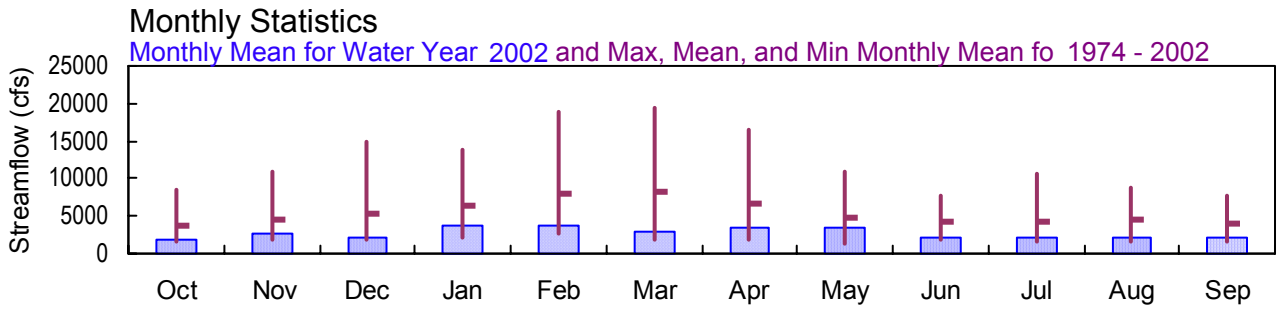
2002 Water Year

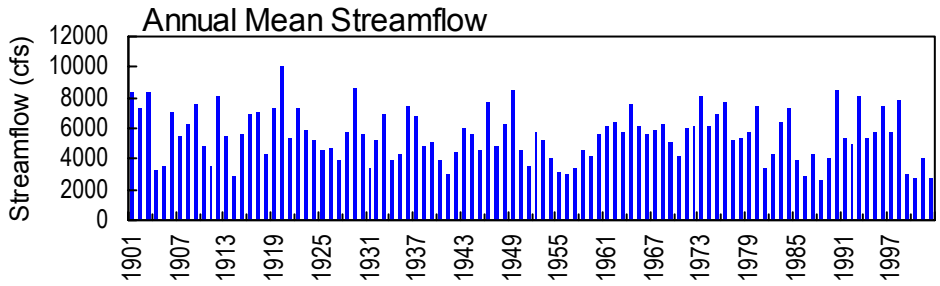
02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA

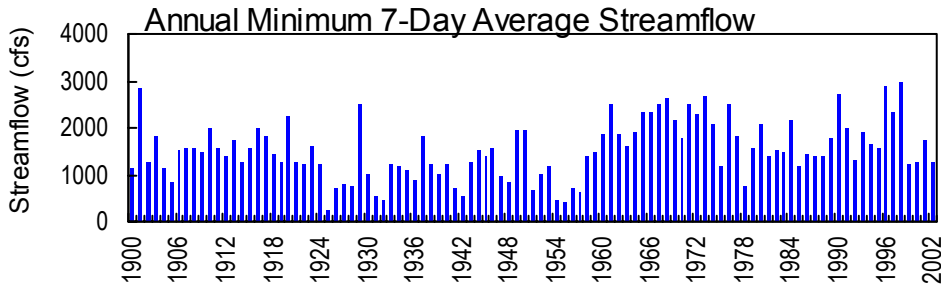
Latitude: 32°53'10" Longitude: 85°10'56" Hydrologic Unit Code: 03130002 Troup County

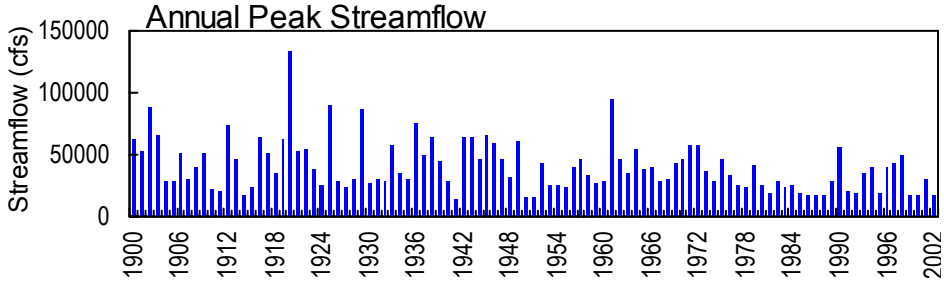
Drainage Area: 3,550. mi^2 Datum: 551.67 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA

LOCATION.—Lat 32°53'10", long 85°10'56" referenced to North American Datum (NAD) of 1927, Troup County, Hydrologic Unit 03130002, on right bank just downstream from Oseligee Creek at West Point, 1.0 mile upstream from bridge on US 29, 2.5 miles downstream from West Point Dam and at mile 198.9.

DRAINAGE AREA.—3,550 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 1896 to current year.

REVISED RECORDS.—WSP 682: 1920, drainage area; WSP 972: 1931-32; WSP 1504: 1912, 1916-17.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 551.67 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to October 20, 1912, a non-recording gage was located at site 0.8 miles downstream at datum 2.83 feet lower. From October 20, 1912, to January 25, 1925, a non-recording gage was located at site 500 feet upstream at present datum.

REMARKS.—Records fair. Flow regulated by Lake Sidney Lanier since January 1956 and by West Point Lake since October 1974. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1827, that of December 10, 1919. Flood in 1886 reached a stage of 25.6 feet at former site and datum, from flood marks, by National Weather Service, discharge 92,800 ft^3/s.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1896 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 551.67 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to October 20, 1912, a non-recording gage was located at site 0.8 miles downstream at datum 2.83 feet lower. From October 20, 1912, to January 25, 1925, a non-recording gage was located at site 500 feet upstream at present datum.

REMARKS.—Records fair. Gage-height records collected at site 0.8 miles downstream since 1899 are contained in reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.04 feet, May 6; minimum gage-height recorded, 2.01 feet, September 11.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA SOURCE AGENCY USGS STATE 13 COUNTY 285
LATITUDE 325310 LONGITUDE 0851056 NAD27 DRAINAGE AREA 3550.00* CONTRIBUTING DRAINAGE AREA DATUM 551.67 NGVD29
Date Processed: 2003-03-11 11:09 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2780	3610	993	2040	6620	2970	6780	2850	818	2870	2820	720
2	2130	3380	943	2380	3530	1340	9140	3840	835	3210	2820	2820
3	2430	942	2750	2020	3410	1710	9130	3410	3610	2550	768	2860
4	2100	921	3030	866	4700	3690	9300	982	3590	3250	769	2530
5	2090	2780	2730	1260	4470	3520	7270	5010	3310	2810	3110	3200
6	776	3100	2720	925	4390	3140	2120	15000	3630	772	2830	2910
7	737	3560	2410	2220	5160	2430	2080	9460	3260	778	2490	773
8	2100	3130	932	2830	7400	2070	3130	4040	814	2560	3550	769
9	1750	2580	929	3110	6730	987	3130	4350	819	2860	2870	3300
10	1820	1080	2410	2050	6660	989	3490	3380	2530	2250	750	2300
11	2160	929	2070	1610	6300	3100	2790	1650	2520	2500	768	3560
12	1850	2970	2090	918	4180	2060	2460	948	2190	2280	2140	2960
13	777	3360	2370	953	3100	2580	2090	2990	2590	801	2490	3620
14	798	3250	2090	1960	3840	3750	2680	2610	2590	810	784	768
15	1840	3140	983	1330	2810	3500	3230	2700	811	2480	2900	773
16	1160	3050	957	1650	977	1870	4110	2310	1530	2910	2910	1840
17	1850	988	2950	1300	940	1700	3490	3050	2260	2840	772	2530
18	1870	940	2190	905	2730	3090	3450	940	2240	2500	787	1870
19	2210	3640	2050	931	2030	3070	3080	944	2170	2130	3210	2700
20	824	3830	2060	1070	1690	2990	2450	2690	2490	754	3930	1870
21	845	4420	2130	5790	1720	3540	998	3300	2510	768	2800	761
22	2550	3870	975	4890	2660	3980	2410	2940	2190	3470	2890	760
23	3110	3480	975	7180	944	2890	2970	3780	780	2890	3220	2160
24	2930	951	2040	6880	940	2830	3410	4010	1500	2530	760	2470
25	3200	956	1340	7050	3090	3710	3040	907	2540	2890	778	2170
26	2590	3280	2360	10800	3680	3990	2690	902	3190	2200	3160	2540
27	863	2880	3260	11100	3460	3940	1000	2620	2950	775	2540	2140
28	865	2750	3420	9250	4070	3890	961	2580	2260	776	2810	747
29	2580	2720	1700	7900	---	3820	2380	2930	803	2610	2850	746
30	2880	2710	1660	6840	---	1050	2420	3620	810	3430	2840	2800
31	3770	---	3120	6840	---	3770	---	3630	---	2910	720	---
TOTAL	60235	79197	62637	116848	102231	87966	107679	104373	64140	69164	68836	61967
MEAN	1943	2640	2021	3769	3651	2838	3589	3367	2138	2231	2221	2066
MAX	3770	4420	3420	11100	7400	3990	9300	15000	3630	3470	3930	3620
MIN	737	921	929	866	940	987	961	902	780	754	720	720
CFSM	0.55	0.74	0.57	1.06	1.03	0.80	1.01	0.95	0.60	0.63	0.63	0.58
IN.	0.63	0.83	0.66	1.22	1.07	0.92	1.13	1.09	0.67	0.72	0.72	0.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2002, BY WATER YEAR (WY)

MEAN	3729	4479	5356	6335	7925	8121	6639	4879	4335	4227	4425	3874
MAX	8536	10950	14880	13730	18980	19540	16480	10910	7817	10560	8890	7782
(WY)	1990	1993	1993	1993	1990	1990	1979	1991	1976	1994	1984	1994
MIN	1584	1816	1867	2170	2766	1921	1961	1423	1807	1672	1585	1606
(WY)	1999	2000	1982	1986	1989	1988	1988	1999	1978	1988	1986	1986

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	1424983		985273			
ANNUAL MEAN	3904		2699		5347	
HIGHEST ANNUAL MEAN					8501	1990
LOWEST ANNUAL MEAN					2644	1988
HIGHEST DAILY MEAN	27700	Mar 16	15000	May 6	54600	Mar 19 1990
LOWEST DAILY MEAN	731	Sep 16	720	Aug 31	516	Sep 12 1993
ANNUAL SEVEN-DAY MINIMUM	1450	Oct 12	1290	Jan 12	778	Jul 31 1978
MAXIMUM PEAK FLOW			17200	May 6	94400	Feb 26 1961
MAXIMUM PEAK STAGE			9.04	May 6	24.90	Feb 26 1961
ANNUAL RUNOFF (CFSM)	1.10		0.76		1.51	
ANNUAL RUNOFF (INCHES)	14.93		10.32		20.46	
10 PERCENT EXCEEDS	6810		3980		10300	
50 PERCENT EXCEEDS	3110		2580		4390	
90 PERCENT EXCEEDS	957		816		840	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA SOURCE AGENCY USGS STATE 13 COUNTY 285
LATITUDE 325310 LONGITUDE 0851056 NAD27 DRAINAGE AREA 3550.00* CONTRIBUTING DRAINAGE AREA DATUM 551.67 NGVD29
Date Processed: 2003-03-11 11:09 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.12	3.48	2.32	2.83	4.96	3.28	5.01	3.24	2.23	3.16	3.13	2.06
2	2.81	3.47	2.28	2.99	3.53	2.55	6.08	3.67	2.25	3.30	3.15	3.11
3	2.94	2.27	3.16	2.80	3.47	2.78	6.08	3.48	3.56	3.01	2.15	3.13
4	2.75	2.26	3.28	2.21	4.06	3.65	6.14	2.35	3.54	3.35	2.15	2.99
5	2.75	3.10	3.15	2.43	3.97	3.53	5.25	4.07	3.37	3.18	3.29	3.26
6	2.10	3.32	3.13	2.27	3.94	3.35	2.89	8.21	3.48	2.18	3.08	3.14
7	2.06	3.53	3.01	2.89	4.33	3.02	2.86	5.99	3.32	2.19	2.92	2.13
8	2.77	3.33	2.27	3.22	5.30	2.85	3.33	3.70	2.24	3.03	3.43	2.13
9	2.59	3.06	2.27	3.34	4.99	2.32	3.35	3.82	2.24	3.11	3.18	3.28
10	2.67	2.36	3.00	2.82	4.96	2.32	3.53	3.41	3.04	2.89	2.12	2.88
11	2.83	2.27	2.85	2.61	4.80	3.32	3.20	2.67	3.05	2.98	2.14	3.39
12	2.69	3.19	2.87	2.26	3.85	2.86	3.05	2.33	2.89	2.87	2.82	3.13
13	2.11	3.43	2.97	2.29	3.34	3.13	2.87	3.27	3.06	2.20	2.96	3.48
14	2.13	3.34	2.86	2.78	3.69	3.65	3.16	3.12	3.09	2.21	2.16	2.14
15	2.69	3.32	2.32	2.49	3.20	3.54	3.43	3.16	2.23	3.03	3.15	2.15
16	2.33	3.23	2.30	2.63	2.31	2.77	3.71	2.98	2.59	3.19	3.13	2.69
17	2.70	2.31	3.19	2.46	2.28	2.67	3.48	3.26	2.91	3.17	2.14	2.97
18	2.72	2.28	2.91	2.25	3.14	3.34	3.45	2.33	2.88	3.01	2.16	2.70
19	2.84	3.45	2.82	2.27	2.81	3.31	3.29	2.33	2.84	2.83	3.29	3.05
20	2.16	3.62	2.86	2.39	2.66	3.26	3.05	3.15	3.03	2.15	3.63	2.70
21	2.19	3.86	2.88	4.57	2.68	3.58	2.35	3.43	3.01	2.16	3.13	2.15
22	3.03	3.66	2.31	4.14	3.12	3.81	3.00	3.26	2.85	3.37	3.10	2.15
23	3.31	3.49	2.31	5.20	2.28	3.26	3.28	3.58	2.20	3.13	3.27	2.85
24	3.22	2.29	2.82	5.06	2.28	3.21	3.45	3.68	2.56	2.98	2.12	2.99
25	3.32	2.30	2.50	5.13	3.30	3.62	3.28	2.31	3.01	3.14	2.14	2.84
26	3.06	3.33	2.94	6.71	3.60	3.78	3.15	2.30	3.31	2.86	3.23	2.98
27	2.21	3.18	3.40	6.84	3.52	3.76	2.35	3.08	3.18	2.17	2.95	2.84
28	2.21	3.11	3.52	6.12	3.79	3.73	2.33	3.07	2.90	2.17	3.10	2.16
29	3.07	3.08	2.67	5.53	---	3.68	3.01	3.18	2.23	3.05	3.12	2.16
30	3.20	3.12	2.65	5.04	---	2.37	3.03	3.52	2.23	3.37	3.12	3.15
31	3.57	---	3.35	5.07	---	3.63	---	3.48	---	3.17	2.07	---
MEAN	2.71	3.07	2.81	3.60	3.58	3.22	3.55	3.40	2.84	2.86	2.82	2.76
MAX	3.57	3.86	3.52	6.84	5.30	3.81	6.14	8.21	3.56	3.37	3.63	3.48
MIN	2.06	2.26	2.27	2.21	2.28	2.32	2.33	2.30	2.20	2.15	2.07	2.06

APALACHICOLA RIVER BASIN
2002 Water Year

02340250 FLAT SHOAL CREEK AT GA 18, NEAR WEST POINT, GA

LOCATION.—Lat 32°52'53", long 85°04'41" referenced to North American Datum (NAD) of 1927, Troup County, Hydrologic Unit 03130002, at GA 18, 5.0 miles east of Interstate 85, near West Point.

DRAINAGE AREA.—204 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1948 to 1949, 1961, 1969, 1971, 1981, 1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 566.00 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 22.95 feet, March 8, 1996
DISCHARGE: 8,170 ft^3/s, March 8, 1996

MAXIMUM FOR CURRENT YEAR.—

STAGE: <10.24 feet, Not determined, peak below bottom of gage
DISCHARGE: <1,890 ft^3/s, Not determined, peak below bottom of gage

APALACHICOLA RIVER BASIN
2002 Water Year

02341000 LAKE HARDING NEAR COLUMBUS, GA

LOCATION.—Lat 32°39'46", long 85°05'27" referenced to North American Datum (NAD) of 1927, Harris County, Hydrologic Unit 03130002, at forebay of dam on Chattahoochee River, 3.3 miles upstream from Mulberry Creek, 15.0 miles northwest of Columbus, and at mile 178.0.

REMARKS.—Water levels are provided by the U.S. Army Corps of Engineers, Mobile District. Please see the following Internet location for more information:

http://water.sam.usace.army.mil/

APALACHICOLA RIVER BASIN
2002 Water Year

02341220 MULBERRY CREEK NEAR MULBERRY GROVE, GA

LOCATION.—Lat 32°42'11", long 84°57'29" referenced to North American Datum (NAD) of 1927, Harris County, Hydrologic Unit 03130002, at county bridge on Hamilton-Mulberry Grove Road, near Mulberry Grove.

DRAINAGE AREA.—190 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 490.00 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 27.74 feet, March 17, 1990
DISCHARGE: 21,000 ft^3/s, March 17, 1990

MAXIMUM FOR CURRENT YEAR.—
STAGE: <8.35 feet, Not determined, peak below bottom of gage
DISCHARGE: <1,200 ft^3/s, Not determined, peak below bottom of gage

02341230 MULBERRY CREEK AT MOUNTAIN HILL ROAD BELOW HAMILTON, GA

LOCATION.—Lat 32°40'56", long 85°00'30" referenced to North American Datum (NAD) of 1927, Harris County, Hydrologic Unit 03130009, at bridge on Mountain Hill Road.

DRAINAGE AREA.—208 mi^2.

REMARKS.—None.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	SAM-PLING METHOD, CODES (82398)	WATER, PRESENT BIO TIS DRY WGT REC PERCENT (49273)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY													
31...	1130	1028	80020	8010	82	--	6.2	--	6.8	75	23.4	--	--
JUN													
05...	1600	1028	85550	70	--	752	6.1	78	6.9	73	27.3	1.5	2.4
05...	1605	1028	1028	8010	--	--	--	--	--	--	--	--	--

Date	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MERCURY METHYL, WATER, FLTRD REC, (NG/L) (50285)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY							
31...	1.4	--	--	--	--	15.00	8010
JUN							
05...	--	.08	98	11	--	15.00	3070
05...	--	--	--	--	94	15.00	8010

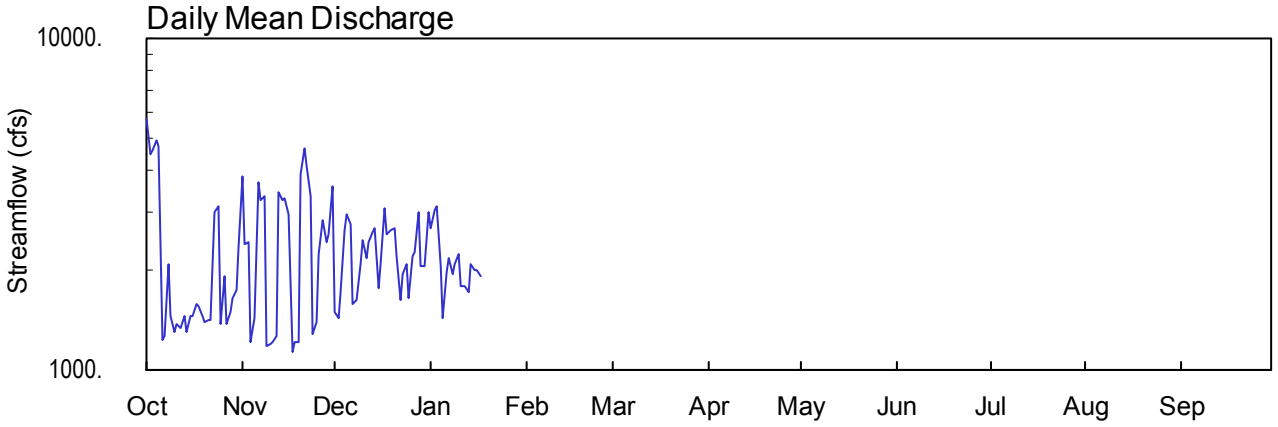
APALACHICOLA RIVER BASIN

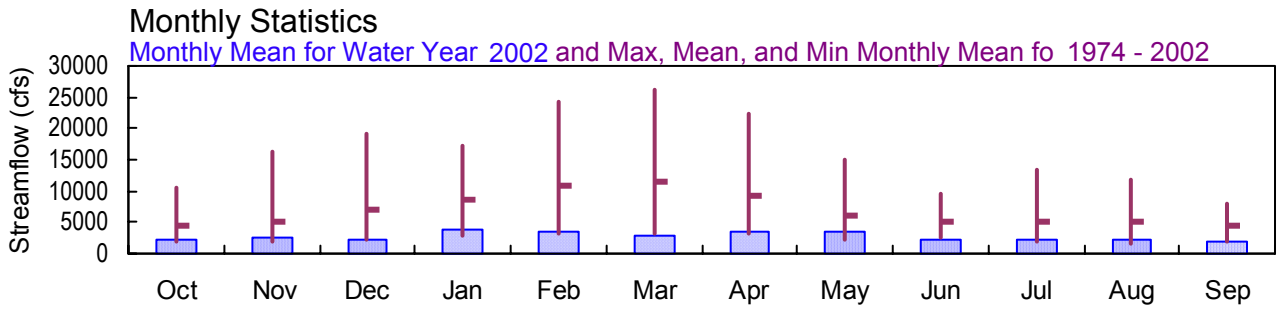
2002 Water Year

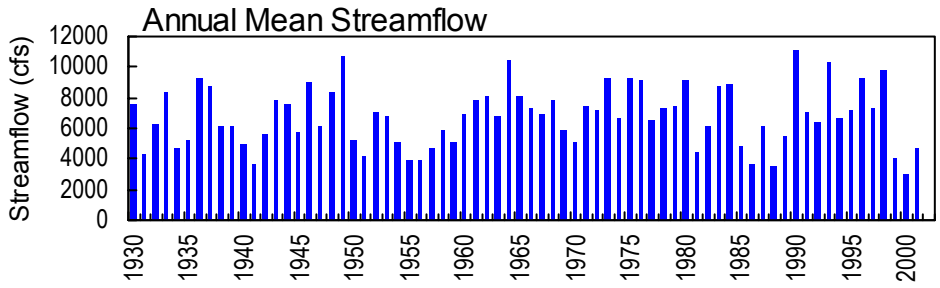
02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA

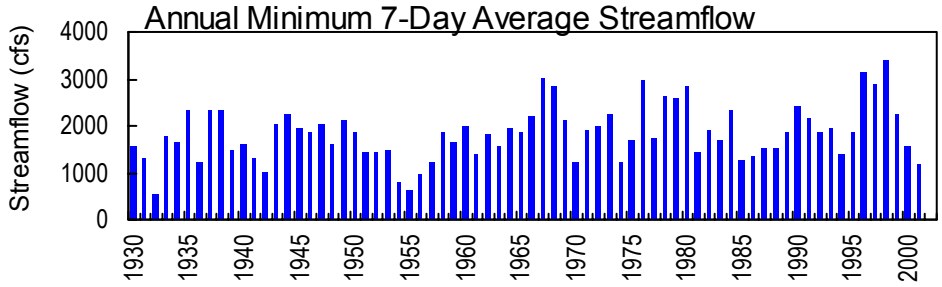
Latitude: 32°27'45" Longitude: 84°59'52" Hydrologic Unit Code: 03130003 Muscogee County

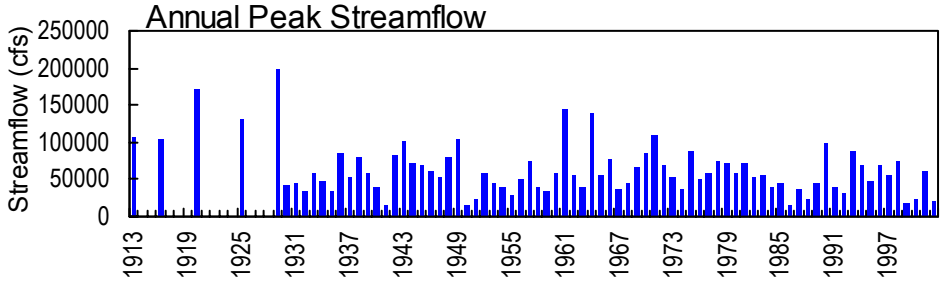
Drainage Area: 4,670. mi^2 Datum: 183.14 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA

LOCATION.—Lat 32°27'45", long 84°59'52" referenced to North American Datum (NAD) of 1927, Muscogee County, GA-Russell County, AL, Hydrologic Unit 03130003, on left bank at downstream side of Central of Georgia railway bridge at Columbus, 0.5 miles downstream from Eagle and Phenix Dam, 1.2 miles downstream from City Mills Dam, 2.6 miles downstream from North Highlands Dam, 3.3 miles downstream from Oliver Dam, 17.5 miles downstream from Bartletts Ferry Dam, and at mile 159.9.

DRAINAGE AREA.—4,670 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 1929 to current year. Records for December 1912, published in WSP 322, have been found to be unreliable and should not be used.

REVISED RECORDS.—WSP 1082: 1943(M). WDR GA-90-1: 1967(M), 1969(M), 1971-72(M). See also period of record.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 183.14 feet above National Geodetic Vertical Datum (NGVD) of 1929. From December 1-31, 1912, a non-recording gage was located at a site 800 feet upstream at datum 2.0 feet higher, and from August 23, 1929, to September 30, 1975, a water-stage recorder at present site, at datum 2.0 feet higher. From October 1, 1963, to September 30, 1966, a water-stage recorder was located at Walter F. George Reservoir, and since October 1, 1966, a water-stage recorder was located at the Alabama State Docks facility and used as auxiliary gage for this station.

REMARKS.—Records poor. Flow regulated by Lake Sidney Lanier since January 1956, West Point Lake since October 1974, and by Lake Harding since 1929.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum discharge known since at least 1827, 198,000 ft^3/s, March 15, 1929, computation of flow at North Highlands Dam before redevelopment; maximum stage known, 53.2 feet, March 16, 1929, datum in use prior to 1975.

02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1929 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 183.14 feet above National Geodetic Vertical Datum (NGVD) of 1929. From December 1-31, 1912, a non-recording gage was located at a site 800 feet upstream at datum 2.0 feet higher, and from August 23, 1929, to September 30, 1975, a water-stage recorder at present site, at datum 2.0 feet higher. From October 1, 1963, to September 30, 1966, a water-stage recorder was located at Walter F. George Reservoir, and since October 1, 1966, a water-stage recorder was located at the Alabama State Docks facility and used as auxiliary gage for this station.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.71 feet, May 5; minimum gage-height recorded, 1.44 feet, September 11.

1 U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 215
LATITUDE 322745 LONGITUDE 0845952 NAD27 DRAINAGE AREA 4670.00* CONTRIBUTING DRAINAGE AREA DATUM 183.14 NGVD29
Date Processed: 2003-03-11 11:12 By acday
APPROVED
DD #3

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5730	e3850	1490	2680	---	---	---	---	---	---	---	---
2	4460	2410	1440	e3020	---	---	---	---	---	---	---	---
3	4620	2430	1710	3130	---	---	---	---	---	---	---	---
4	4930	1210	e2650	2050	---	---	---	---	---	---	---	---
5	4750	1430	e2960	1440	---	---	---	---	---	---	---	---
6	1230	e3680	2750	1960	---	---	---	---	---	---	---	---
7	1260	e3230	1580	2170	---	---	---	---	---	---	---	---
8	2090	e3330	1620	1940	---	---	---	---	---	---	---	---
9	1460	1180	2080	2100	---	---	---	---	---	---	---	---
10	1310	1200	2480	2240	---	---	---	---	---	---	---	---
11	1380	1220	2180	1790	---	---	---	---	---	---	---	---
12	1340	1260	2430	1780	---	---	---	---	---	---	---	---
13	1460	e3460	2600	1710	---	---	---	---	---	---	---	---
14	1300	e3250	2670	2090	---	---	---	---	---	---	---	---
15	1450	e3300	1760	2000	---	---	---	---	---	---	---	---
16	1460	e2960	2100	2000	---	---	---	---	---	---	---	---
17	1570	1140	e3080	1920	---	---	---	---	---	---	---	---
18	1550	1210	e2560	---	---	---	---	---	---	---	---	---
19	1460	1220	2650	---	---	---	---	---	---	---	---	---
20	1400	e3920	2680	---	---	---	---	---	---	---	---	---
21	1420	e4670	2210	---	---	---	---	---	---	---	---	---
22	1410	e4100	1620	---	---	---	---	---	---	---	---	---
23	e3010	3330	1940	---	---	---	---	---	---	---	---	---
24	e3120	1280	2090	---	---	---	---	---	---	---	---	---
25	1370	1400	1640	---	---	---	---	---	---	---	---	---
26	1930	2250	2220	---	---	---	---	---	---	---	---	---
27	1380	2820	2270	---	---	---	---	---	---	---	---	---
28	1490	2430	e3010	---	---	---	---	---	---	---	---	---
29	1640	2560	2060	---	---	---	---	---	---	---	---	---
30	1740	3560	2060	---	---	---	---	---	---	---	---	---
31	2330	---	3010	---	---	---	---	---	---	---	---	---
TOTAL	67050	75290	69600	---	---	---	---	---	---	---	---	---
MEAN	2163	2510	2245	---	---	---	---	---	---	---	---	---
MAX	5730	4670	3080	---	---	---	---	---	---	---	---	---
MIN	1230	1140	1440	---	---	---	---	---	---	---	---	---
CFSM	0.46	0.54	0.48	---	---	---	---	---	---	---	---	---
IN.	0.53	0.60	0.55	---	---	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2002, BY WATER YEAR (WY)

MEAN	4429	5212	6989	8473	10980	11640	9157	6015	5157	5201	5238	4475
MAX	10480	16250	19050	17300	24380	26140	22270	15150	9611	13470	11660	8065
(WY)	1990	1993	1993	1993	1990	1990	1979	1991	1989	1994	1984	1994
MIN	2024	1964	2245	2756	3119	3135	3196	2237	2500	1894	1632	1792
(WY)	2001	2000	2002	2000	1989	1988	1986	1985	1986	1988	1986	2001

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	1678992			
ANNUAL MEAN	4600		6922	
HIGHEST ANNUAL MEAN			11050	1990
LOWEST ANNUAL MEAN			2935	2000
HIGHEST DAILY MEAN	42400	Apr 4	88900	Mar 17 1990
LOWEST DAILY MEAN	972	Mar 10	769	Jun 19 1994
ANNUAL SEVEN-DAY MINIMUM	1210	Sep 16	1210	Sep 16 2001
MAXIMUM PEAK FLOW			145000	Feb 26 1961
MAXIMUM PEAK STAGE			47.80	Feb 25 1961
INSTANTANEOUS LOW FLOW			294	Oct 23 1931
ANNUAL RUNOFF (CFSM)	0.99		1.48	
ANNUAL RUNOFF (INCHES)	13.37		20.14	
10 PERCENT EXCEEDS	7130		13100	
50 PERCENT EXCEEDS	3250		5340	
90 PERCENT EXCEEDS	1350		1900	

e Estimated

STATION NUMBER 02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 215
LATITUDE 322745 LONGITUDE 0845952 NAD27 DRAINAGE AREA 4670.00* CONTRIBUTING DRAINAGE AREA DATUM 183.14 NGVD29
Date Processed: 2003-03-11 11:12 By acday
APPROVED
DD #2

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

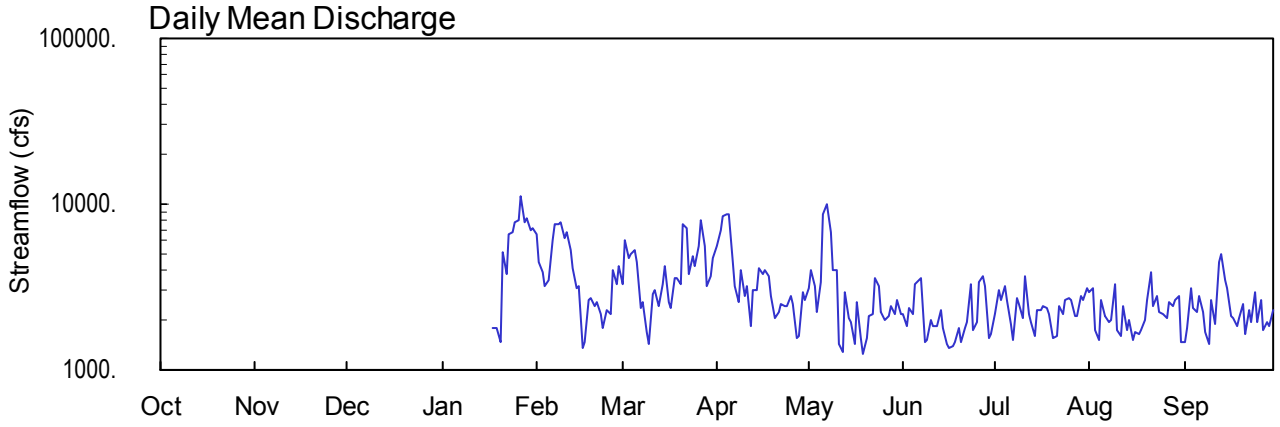
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.20	4.51	4.38	4.52	6.99	4.84	6.32	6.21	5.48	4.39	4.19	2.54
2	5.86	4.46	4.40	4.64	6.32	6.92	6.78	6.64	5.29	4.69	4.12	2.60
3	5.94	4.52	4.43	4.67	5.95	6.64	7.58	6.46	5.44	4.35	3.61	3.26
4	6.07	4.06	4.37	4.23	5.60	7.05	7.77	6.19	5.41	4.67	3.48	2.89
5	6.19	4.05	---	4.09	5.67	6.91	7.56	6.86	5.90	4.39	3.85	2.81
6	4.91	3.97	4.75	4.15	8.01	6.53	5.35	9.61	6.00	4.05	3.65	2.72
7	4.89	3.90	4.41	4.19	8.76	5.77	5.33	8.91	6.04	3.85	3.53	2.46
8	5.15	3.83	4.40	4.06	8.60	5.75	5.35	7.66	5.38	4.26	3.49	2.40
9	4.94	3.70	4.55	4.07	8.42	5.35	5.76	7.19	5.33	4.17	4.00	2.37
10	4.87	3.67	4.56	4.14	7.14	5.12	5.63	7.36	5.46	3.93	3.25	2.88
11	4.88	3.66	4.58	3.90	7.25	5.64	5.83	6.43	5.35	4.75	3.19	2.49
12	4.86	3.56	4.70	3.95	6.54	5.59	5.40	6.37	5.34	3.93	3.52	3.00
13	4.89	3.48	4.77	4.08	6.27	5.37	5.98	6.81	5.43	3.94	3.18	2.98
14	4.87	3.23	4.85	4.26	5.73	5.55	6.14	6.43	5.25	3.80	3.26	2.50
15	4.89	3.17	4.50	4.30	5.68	5.74	6.41	6.38	5.06	4.11	3.01	2.48
16	4.83	3.10	4.49	4.33	5.15	5.01	6.25	6.19	4.99	4.01	2.96	2.33
17	4.85	3.05	4.77	4.35	4.94	5.02	6.19	6.44	4.92	4.04	2.90	2.45
18	4.84	3.08	4.45	4.39	5.30	5.38	6.02	5.97	4.83	3.96	2.94	2.33
19	4.72	3.00	4.81	4.76	5.25	5.40	5.58	5.81	4.86	3.86	3.00	2.40
20	4.71	2.96	4.64	4.56	5.04	5.74	5.34	5.84	4.69	3.56	3.31	2.45
21	4.71	3.09	4.50	6.18	4.89	7.30	5.41	5.87	4.60	3.59	3.85	2.33
22	4.66	3.40	4.46	5.73	4.49	6.72	5.43	5.82	4.62	3.79	3.16	2.33
23	4.60	4.05	4.57	6.92	4.31	5.50	5.46	6.33	5.05	3.73	3.29	2.16
24	4.59	3.10	4.52	7.22	4.52	6.14	5.53	6.21	4.54	3.96	3.06	2.13
25	4.41	3.62	4.38	7.17	4.59	5.49	5.64	5.88	4.59	3.94	2.82	2.02
26	4.52	4.19	4.44	7.62	5.15	6.83	5.49	5.80	5.09	3.95	2.98	2.39
27	4.20	4.54	4.32	9.56	4.86	7.45	5.30	5.79	5.02	3.67	3.19	2.34
28	4.22	4.53	4.40	7.66	5.27	5.90	5.39	5.86	5.01	3.74	3.08	2.12
29	4.24	4.69	4.16	7.92	---	5.24	5.86	5.73	4.41	3.99	3.10	2.00
30	4.19	5.10	4.16	7.39	---	5.65	5.85	5.80	4.30	4.00	3.11	1.99
31	4.39	---	4.53	7.54	---	5.96	---	5.62	---	4.14	2.56	---
MEAN	4.91	3.78	---	5.37	5.95	5.92	5.93	6.47	5.12	4.04	3.31	2.47
MAX	6.20	5.10	---	9.56	8.76	7.45	7.77	9.61	6.04	4.75	4.19	3.26
MIN	4.19	2.96	---	3.90	4.31	4.84	5.30	5.62	4.30	3.56	2.56	1.99

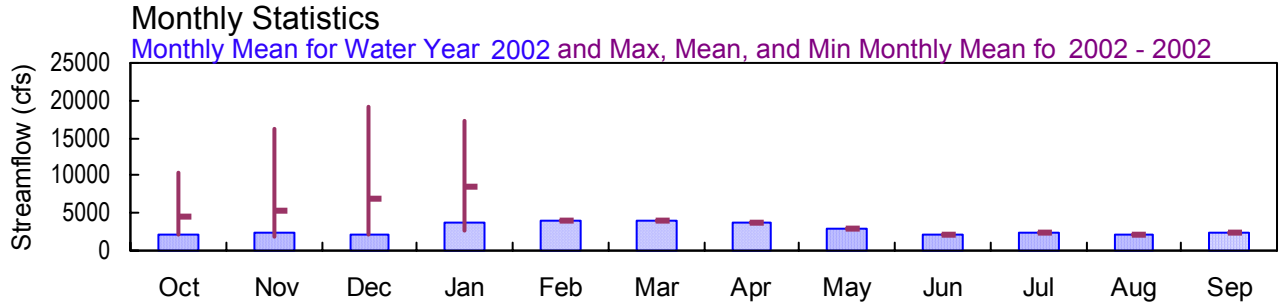
APALACHICOLA RIVER BASIN
2002 Water Year

02341505 CHATTAHOOCHEE RIVER AT US 280, NEAR COLUMBUS, GA

Latitude: 32°27'11" Longitude: 84°59'43" Hydrologic Unit Code: 03130003 Muscogee County

Drainage Area: 4,670. mi^2 Datum: 183.14 feet





APALACHICOLA RIVER BASIN
2002 Water Year

02341505 CHATTAHOOCHEE RIVER AT GA 280, NEAR COLUMBUS, GA

LOCATION.—Lat 32°27'11", long 84°59'43" referenced to North American Datum (NAD) of 1927, Muscogee County, Hydrologic Unit 03130003, on downstream side of bridge on US 280.

DRAINAGE AREA.—4,670 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 18, 2002 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 183.14 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records poor. Flow regulated by Lake Sidney Lanier since January 1956, West Point Lake since October 1974, and by Lake Harding since 1929.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1, 1994 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 183.14 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Water-stage records prior to the 2001 water year are unpublished, but are available upon request.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.30 feet, May 7; minimum gage-height recorded, 1.51 feet, September 12.

WATER-VELOCITY RECORDS

PERIOD OF RECORD.—January 18, 2002 to September 30, 2002.

GAGE.—Acoustic velocity meter. Data represents the average water velocity at the downstream cross-section of the bridge with positive values in the downstream direction.

REMARKS.—Records fair.

02341505 CHATTAHOOCHEE RIVER AT GA 280, NEAR COLUMBUS, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 18, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02341505 CHATTAHOOCHEE RIVER AT US 280, NEAR COLUMBUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 215
LATITUDE 322711 LONGITUDE 0845943 NAD27 DRAINAGE AREA 4670.00* CONTRIBUTING DRAINAGE AREA DATUM 183.14 NGVD29
Date Processed: 2003-03-11 12:26 By acday
APPROVED
DD #6

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	6570	3330	5550	3110	2180	2170	2940	1460
2	---	---	---	---	4490	6070	7000	4030	1860	3070	3140	1810
3	---	---	---	---	3930	4670	8520	3210	2350	2630	1750	3100
4	---	---	---	---	3190	4930	8700	2220	2190	3200	1510	2350
5	---	---	---	---	3510	5350	8590	3420	3320	2650	2630	2230
6	---	---	---	---	6130	4420	4500	8700	3530	1870	2100	e2810
7	---	---	---	---	7680	2370	3190	9930	3560	1520	1940	e2210
8	---	---	---	---	7530	2600	2580	6770	1490	2730	1980	e1690
9	---	---	---	---	7700	1690	4000	4030	1500	2490	3270	1430
10	---	---	---	---	6280	1420	2770	4050	1980	2080	1720	2660
11	---	---	---	---	6860	2860	3170	1450	1830	3640	1620	1910
12	---	---	---	---	5240	3010	1860	1280	1850	2170	2430	e4480
13	---	---	---	---	4160	2450	3020	2970	2310	1930	1730	4990
14	---	---	---	---	3080	3310	3070	2040	1810	1620	2020	e3530
15	---	---	---	---	3210	4280	4150	1940	1430	2330	1530	3100
16	---	---	---	---	1360	2560	3800	1440	1370	2270	1690	2090
17	---	---	---	---	1480	2350	3980	2580	1390	2440	1630	2060
18	---	---	---	1800	2660	3570	3720	1550	1480	2350	1750	1840
19	---	---	---	1780	2720	3580	2780	1240	1800	2160	2010	2070
20	---	---	---	1480	2440	3310	2040	1560	1460	1550	2670	2530
21	---	---	---	5110	2590	7510	2240	2140	1800	1620	3890	e1650
22	---	---	---	3840	2150	7120	2520	2150	1940	2400	2440	2320
23	---	---	---	6510	1800	3790	2460	3590	3290	2170	2760	1930
24	---	---	---	6760	2330	4820	2460	3200	1740	2620	2210	2940
25	---	---	---	7790	2180	4180	2800	2260	1920	2740	2160	1930
26	---	---	---	7920	4010	5520	2510	1990	3400	2640	2040	2640
27	---	---	---	11300	3330	7980	1560	2100	3660	2100	2550	1760
28	---	---	---	7760	4280	5600	1600	2430	3180	2130	2420	1950
29	---	---	---	8200	---	3220	2910	2190	1560	2790	2670	1840
30	---	---	---	6980	---	3680	2620	2610	1650	2670	2830	2300
31	---	---	---	7200	---	4750	---	2150	---	3120	1470	---
TOTAL	---	---	---	---	112890	126300	110670	94330	64830	73870	69500	71610
MEAN	---	---	---	---	4032	4074	3689	3043	2161	2383	2242	2387
MAX	---	---	---	---	7700	7980	8700	9930	3660	3640	3890	4990
MIN	---	---	---	---	1360	1420	1560	1240	1370	1520	1470	1430
CFSM	---	---	---	---	0.86	0.87	0.79	0.65	0.46	0.51	0.48	0.51
IN.	---	---	---	---	0.90	1.01	0.88	0.75	0.52	0.59	0.55	0.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	---	---	---	---	4032	4074	3689	3043	2161	2383	2242	2387
MAX	---	---	---	---	4032	4074	3689	3043	2161	2383	2242	2387
(WY)	---	---	---	---	2002	2002	2002	2002	2002	2002	2002	2002
MIN	---	---	---	---	4032	4074	3689	3043	2161	2383	2242	2387
(WY)	---	---	---	---	2002	2002	2002	2002	2002	2002	2002	2002

e Estimated

STATION NUMBER 02341505 CHATTAHOOCHEE RIVER AT US 280, NEAR COLUMBUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 215
LATITUDE 322711 LONGITUDE 0845943 NAD27 DRAINAGE AREA 4670.00* CONTRIBUTING DRAINAGE AREA DATUM 183.14 NGVD29
Date Processed: 2003-03-11 12:26 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	6.94	4.56	5.98	6.12	5.41	4.42	4.06	2.43
2	---	---	---	---	6.03	6.33	6.40	6.51	5.28	4.33	4.03	2.50
3	---	---	---	---	5.96	6.30	7.15	6.37	5.37	4.42	3.57	3.03
4	---	---	---	---	5.48	6.70	7.38	6.08	5.36	4.57	3.49	2.74
5	---	---	---	---	5.44	6.82	7.37	6.43	5.75	4.34	3.79	2.64
6	---	---	---	---	6.82	6.33	5.63	8.18	5.85	4.07	3.49	2.57
7	---	---	---	---	8.49	5.66	5.21	9.52	5.91	3.89	3.51	2.34
8	---	---	---	---	8.37	5.62	5.06	7.88	5.33	4.26	3.45	2.24
9	---	---	---	---	8.13	5.23	5.67	7.16	5.32	4.10	3.82	2.20
10	---	---	---	---	7.25	5.01	5.45	7.20	5.40	3.93	3.24	2.60
11	---	---	---	---	7.03	5.49	5.75	6.49	5.29	4.68	3.17	2.30
12	---	---	---	---	6.49	5.42	5.26	6.34	5.30	3.87	3.42	2.93
13	---	---	---	---	6.01	5.23	5.86	6.79	5.33	3.92	3.13	3.03
14	---	---	---	---	5.58	5.38	6.04	6.37	5.20	3.81	3.21	2.90
15	---	---	---	---	5.52	5.50	6.25	6.34	5.01	4.12	2.98	3.17
16	---	---	---	---	5.00	4.86	6.15	6.14	4.97	3.99	2.95	2.61
17	---	---	---	---	4.89	4.88	6.07	6.37	4.99	4.03	2.85	2.62
18	---	---	---	4.27	5.17	5.14	5.87	6.02	4.91	3.94	2.86	2.58
19	---	---	---	4.58	5.10	5.17	5.47	5.77	4.92	3.85	2.90	2.55
20	---	---	---	4.39	4.91	5.03	5.29	5.80	4.73	3.53	3.17	2.63
21	---	---	---	5.77	4.75	6.75	5.32	5.86	4.70	3.62	3.57	2.38
22	---	---	---	5.39	4.40	6.86	5.34	5.76	4.68	3.77	3.00	2.57
23	---	---	---	6.38	4.12	5.54	5.34	6.17	5.00	3.69	3.08	2.46
24	---	---	---	6.47	4.34	5.70	5.40	6.07	4.56	3.89	2.87	2.59
25	---	---	---	7.11	4.41	5.55	5.56	5.82	4.65	3.85	2.89	2.40
26	---	---	---	6.95	4.90	5.96	5.36	5.75	4.98	3.88	2.85	2.78
27	---	---	---	9.19	4.62	7.10	5.23	5.76	5.00	3.63	3.01	2.74
28	---	---	---	7.19	4.99	6.24	5.34	5.77	4.97	3.65	2.90	2.70
29	---	---	---	7.60	---	5.09	5.74	5.69	4.45	3.94	2.93	2.66
30	---	---	---	7.14	---	5.04	5.69	5.76	4.32	3.94	2.91	2.79
31	---	---	---	7.25	---	5.69	---	5.53	---	4.04	2.44	---
MEAN	---	---	---	---	5.75	5.68	5.79	6.38	5.10	4.00	3.21	2.62
MAX	---	---	---	---	8.49	7.10	7.38	9.52	5.91	4.68	4.06	3.17
MIN	---	---	---	---	4.12	4.56	5.06	5.53	4.32	3.53	2.44	2.20

STATION NUMBER 02341505 CHATTAHOOCHEE RIVER AT US 280, NEAR COLUMBUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 215
LATITUDE 322711 LONGITUDE 0845943 NAD27 DRAINAGE AREA 4670.00* CONTRIBUTING DRAINAGE AREA DATUM 183.14 NGVD29
Date Processed: 2003-03-12 10:03 By acday
APPROVED
DD #3, DCP

STREAM VELOCITY (FEET/SECOND), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	2.29	1.42	2.00	1.14	0.91	0.97	1.28	0.52
2	---	---	---	---	1.64	2.12	2.53	1.42	0.79	1.40	1.39	0.63
3	---	---	---	---	1.45	1.66	2.88	1.13	0.95	1.15	0.89	0.95
4	---	---	---	---	1.23	1.69	2.88	0.83	0.89	1.35	0.79	0.75
5	---	---	---	---	1.34	1.86	2.84	1.19	1.26	1.15	1.22	0.72
6	---	---	---	---	2.05	1.60	1.76	2.64	1.31	0.88	1.05	---
7	---	---	---	---	2.35	0.91	1.27	2.71	1.33	0.75	0.96	---
8	---	---	---	---	2.32	1.00	1.06	2.17	0.64	1.19	0.98	---
9	---	---	---	---	2.42	0.71	1.49	1.37	0.65	1.12	0.94	0.54
10	---	---	---	---	2.13	0.64	1.10	1.33	0.80	0.98	0.56	0.91
11	---	---	---	---	2.36	1.10	1.18	0.56	0.76	1.38	0.52	0.68
12	---	---	---	---	1.88	1.19	0.77	0.51	0.76	1.01	0.74	---
13	---	---	---	---	1.52	0.99	1.13	1.01	0.94	0.92	0.57	1.48
14	---	---	---	---	1.19	1.30	1.12	0.74	0.77	0.82	0.64	---
15	---	---	---	---	1.25	1.66	1.48	0.71	0.64	1.02	0.50	1.00
16	---	---	---	---	0.61	1.08	1.36	0.57	0.62	1.04	0.56	0.70
17	---	---	---	---	0.67	1.00	1.43	0.94	0.63	1.08	0.54	0.70
18	---	---	---	0.84	1.09	1.43	1.37	0.62	0.67	1.05	0.59	0.64
19	---	---	---	0.78	1.13	1.42	1.09	0.51	0.79	0.98	0.67	0.69
20	---	---	---	0.71	1.05	1.35	0.83	0.64	0.67	0.79	0.81	0.79
21	---	---	---	1.90	1.11	2.64	0.89	0.85	0.81	0.80	1.17	---
22	---	---	---	1.44	0.97	2.48	0.99	0.85	0.83	1.11	0.81	0.73
23	---	---	---	2.34	0.86	1.45	0.98	1.32	1.37	1.01	0.91	0.67
24	---	---	---	2.43	1.06	1.81	0.98	1.19	0.79	1.15	0.77	0.91
25	---	---	---	2.64	0.95	1.62	1.06	0.90	0.85	1.27	0.74	0.67
26	---	---	---	2.72	1.64	1.98	0.61	0.81	1.39	1.18	0.69	0.89
27	---	---	---	3.16	1.39	2.71	0.66	0.84	1.51	1.03	0.78	0.63
28	---	---	---	2.62	1.74	1.99	0.68	0.97	1.29	1.05	0.78	0.70
29	---	---	---	2.68	---	1.32	1.11	0.88	0.73	1.26	0.85	0.66
30	---	---	---	2.38	---	1.51	0.99	1.05	0.79	1.22	0.87	0.75
31	---	---	---	2.43	---	1.76	---	0.88	---	1.39	0.53	---
MEAN	---	---	---	---	1.49	1.53	1.35	1.07	0.90	1.08	0.81	---
MAX	---	---	---	---	2.42	2.71	2.88	2.71	1.51	1.40	1.39	---
MIN	---	---	---	---	0.61	0.64	0.61	0.51	0.62	0.75	0.50	---

STATION NUMBER 02341505 CHATTAHOOCHEE RIVER AT US 280, NEAR COLUMBUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 215
LATITUDE 322711 LONGITUDE 0845943 NAD27 DRAINAGE AREA 4670.00* CONTRIBUTING DRAINAGE AREA DATUM 183.14 NGVD29
Date Processed: 2003-03-11 12:26 By acday
APPROVED
DD #2, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	0.03	0.02	0.01	0.00	0.00	0.15	0.35	0.00
2	---	---	---	---	0.00	1.99	0.00	0.00	0.00	0.01	0.00	0.00
3	---	---	---	---	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	0.00	0.00	0.00	0.03	0.70	0.00	0.00	0.00
5	---	---	---	---	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00
6	---	---	---	---	2.58	0.00	0.00	0.00	0.00	0.00	0.03	0.00
7	---	---	---	---	0.35	0.00	0.00	0.00	0.00	0.04	0.00	0.00
8	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	0.00	0.08	0.79	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	0.00	0.00	0.00	0.19	0.00	0.65	0.00	0.00
12	---	---	---	---	0.00	0.02	0.22	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	0.00	0.01	0.03	0.33	0.00	0.16	0.00	0.73
14	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.02	0.05	1.11
15	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58
16	---	---	---	---	0.00	0.16	0.00	0.00	0.01	0.00	0.00	0.00
17	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
18	---	---	---	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.76	0.14
19	---	---	---	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
20	---	---	---	0.00	0.23	0.31	0.00	0.00	0.00	0.00	0.04	0.00
21	---	---	---	0.13	0.00	0.70	0.00	0.00	0.00	0.76	0.00	0.00
22	---	---	---	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00
23	---	---	---	0.00	0.00	0.00	0.00	0.00	0.06	0.01	0.00	0.00
24	---	---	---	0.36	0.00	0.00	0.00	0.00	0.00	1.46	0.00	0.01
25	---	---	---	0.23	0.00	0.00	0.00	0.00	0.46	0.69	0.00	0.38
26	---	---	---	0.00	0.00	0.69	0.00	0.00	0.01	0.05	0.00	0.54
27	---	---	---	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.31
28	---	---	---	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00
29	---	---	---	0.00	---	0.00	0.86	0.00	0.32	0.00	0.00	0.00
30	---	---	---	0.01	---	0.00	0.42	0.49	0.00	0.09	0.05	0.00
31	---	---	---	0.04	---	0.71	---	0.00	---	0.00	0.07	---
TOTAL	---	---	---	---	3.25	4.76	2.33	1.94	2.42	4.09	1.46	5.07

APALACHICOLA RIVER BASIN
2002 Water Year

02341566 CHATTAHOOCHEE RIVER AT ALABAMA STATE DOCKS, AT COLUMBUS, GA

LOCATION.—Lat 32°26'02", long 84°58'02" referenced to North American Datum (NAD) of 1927, Muscogee County, GA-Russell County, AL, Hydrologic Unit 03130003, 1.2 miles downstream from City Mills Dam, 2.6 miles downstream from North Highlands Dam, and 3.3 miles downstream from Oliver Dam.

DRAINAGE AREA.—4,750 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER–STAGE RECORDS

PERIOD OF RECORD.—October 1, 1966 to present water year.

GAGE.—Water-stage recorder. Datum of gage is 183.14 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Flow regulated by Lake Sidney Lanier since January, 1956. This gage is the auxiliary for the station 02341500 Chattahoochee River at Columbus.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 12.68 feet, May 7; minimum gage-height recorded, 1.42 feet, September 12.

STATION NUMBER 02341566 CHATTAHOOCHEE RIVER,AL STATE DOCKS, AT COLUMBUS,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 215
LATITUDE 322602 LONGITUDE 0845802 NAD27 DRAINAGE AREA 4750.00* CONTRIBUTING DRAINAGE AREA DATUM 183.14 NGVD29
Date Processed: 2003-03-11 11:07 By bemccall
APPROVED
DD #1

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.51	4.09	4.11	4.29	6.79	4.51	5.82	6.07	5.40	4.28	3.90	2.27
2	5.31	4.06	4.14	4.30	5.96	6.18	6.17	6.43	5.28	4.39	3.89	2.33
3	5.38	4.12	4.14	4.41	5.90	6.23	6.85	6.31	5.34	4.25	3.50	2.78
4	5.50	3.81	4.12	4.07	5.45	6.62	7.08	6.07	5.34	4.43	3.43	2.53
5	5.65	3.76	4.27	3.98	5.40	6.71	7.08	6.37	5.69	4.17	3.68	2.43
6	4.69	3.71	4.54	3.98	6.67	6.25	5.52	7.94	5.78	3.93	3.51	2.37
7	4.67	3.63	4.42	4.04	8.32	5.66	5.12	9.23	5.84	3.77	3.43	2.17
8	4.86	3.56	4.26	3.93	8.19	5.61	5.00	7.73	5.33	4.08	3.37	2.07
9	4.69	3.43	4.38	3.90	7.95	5.26	5.57	7.09	5.32	3.94	3.67	2.03
10	4.63	3.40	4.31	3.94	7.12	5.06	5.40	7.13	5.38	3.78	3.17	2.37
11	4.64	3.38	4.40	3.61	6.87	5.47	5.68	6.49	5.28	4.45	3.10	2.11
12	4.63	3.27	4.44	3.66	6.38	5.40	5.24	6.35	5.29	3.71	3.31	2.65
13	4.65	3.20	4.48	3.93	5.95	5.24	5.81	6.76	5.31	3.78	3.06	2.74
14	4.64	2.91	4.68	4.07	5.56	5.34	5.98	6.36	5.20	3.69	3.12	2.62
15	4.64	2.84	4.45	4.12	5.49	5.43	6.16	6.33	5.02	3.96	2.93	2.90
16	4.58	2.79	4.33	4.17	5.04	4.85	6.07	6.15	4.98	3.83	2.90	2.41
17	4.59	2.73	---	4.20	4.94	4.89	5.97	6.34	4.90	3.86	2.80	2.43
18	4.58	2.75	---	4.24	5.16	5.11	5.79	6.02	4.80	3.77	2.79	2.39
19	4.47	2.66	4.60	4.59	5.09	5.13	5.42	5.78	4.80	3.68	2.82	2.37
20	4.46	2.60	4.44	4.43	4.91	5.00	5.27	5.80	4.61	3.40	3.04	2.43
21	4.46	2.66	4.35	5.67	4.74	6.54	5.29	5.85	4.58	3.48	3.39	2.21
22	4.41	2.82	4.30	5.32	4.41	6.66	5.30	5.74	4.54	3.61	2.91	2.37
23	4.35	3.37	4.44	6.21	4.14	5.44	5.31	6.11	4.82	3.54	2.97	2.28
24	4.33	2.76	4.39	6.30	4.34	5.56	5.36	6.02	4.43	3.73	2.79	2.38
25	4.16	3.31	4.28	6.90	4.41	5.44	5.51	5.81	4.51	3.70	2.81	2.22
26	4.20	3.79	4.30	6.71	4.82	5.79	5.33	5.74	4.80	3.73	2.73	2.55
27	3.93	4.09	4.14	8.83	4.58	6.84	5.22	5.74	4.80	3.51	2.79	2.56
28	3.94	4.14	4.20	6.96	4.90	6.07	5.33	5.75	4.79	3.54	2.68	2.52
29	3.93	4.30	4.01	7.35	---	5.01	5.68	5.68	4.33	3.79	2.71	2.49
30	3.87	4.60	3.96	6.97	---	4.95	5.64	5.73	4.20	3.79	2.68	2.60
31	4.00	---	4.21	7.06	---	5.56	---	5.52	---	3.87	2.29	---
MEAN	4.59	3.42	---	5.04	5.70	5.61	5.70	6.34	5.02	3.85	3.10	2.42
MAX	5.65	4.60	---	8.83	8.32	6.84	7.08	9.23	5.84	4.45	3.90	2.90
MIN	3.87	2.60	---	3.61	4.14	4.51	5.00	5.52	4.20	3.40	2.29	2.03

APALACHICOLA RIVER BASIN
2002 Water Year

02341600 JUNIPER CREEK NEAR GENEVA, GA

LOCATION.—Lat 32°31'41", long 84°34'14" referenced to North American Datum (NAD) of 1927, Talbot-Marion County line, Hydrologic Unit 03130003, at GA 41, 1.8 miles south of Geneva.

DRAINAGE AREA.—47.4 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1963 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 373.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 11.78 feet, March 17, 1990
DISCHARGE: 4,300 ft^3/s, March 17, 1990

MAXIMUM FOR CURRENT YEAR.—
STAGE: 6.24 feet, February 6
DISCHARGE: 422 ft^3/s, February 6

APALACHICOLA RIVER BASIN
2002 Water Year

02341723 PINE KNOT CREEK AT GA 355, NEAR JUNIPER, GA

LOCATION.—Lat 32°26'14", long 84°39'25" referenced to North American Datum (NAD) of 1927, Marion County, Hydrologic Unit 03130003, at GA 355, 8.0 miles south of Juniper.

DRAINAGE AREA.—31.3 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1979 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 330.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 9.43 feet, March 17, 1990
DISCHARGE: 1,960 ft^3/s, March 17, 1990

MAXIMUM FOR CURRENT YEAR.—
STAGE: 4.93 feet, November 25
DISCHARGE: 218 ft^3/s, November 25

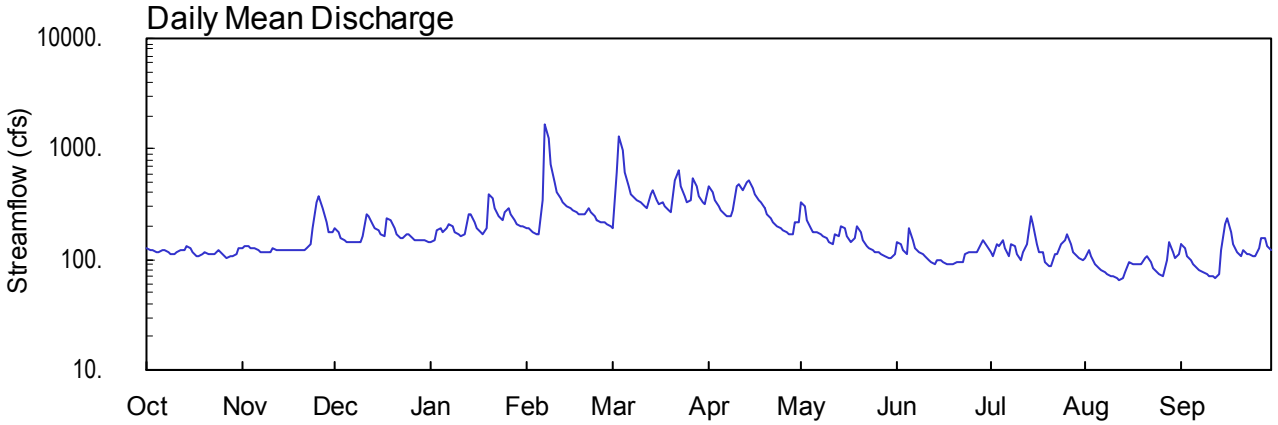
APALACHICOLA RIVER BASIN

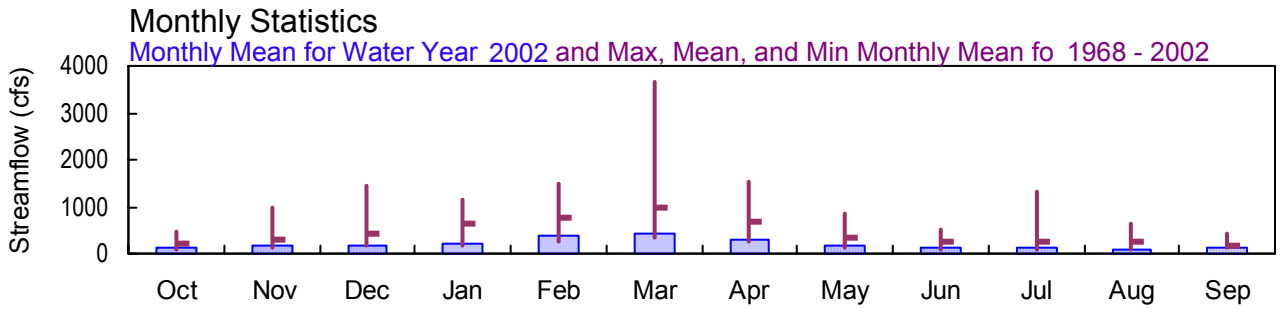
2002 Water Year

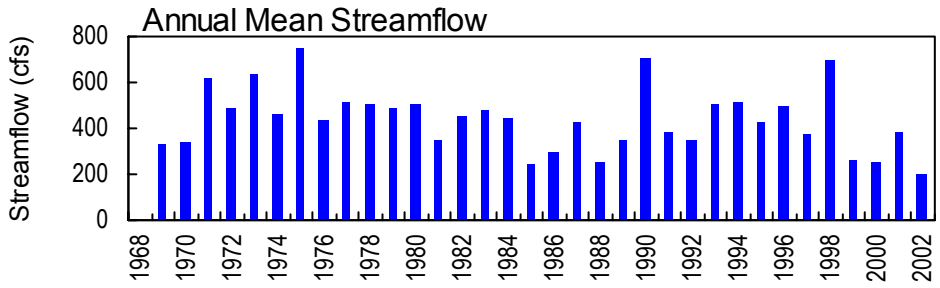
02341800 UPATOI CREEK NEAR COLUMBUS, GA

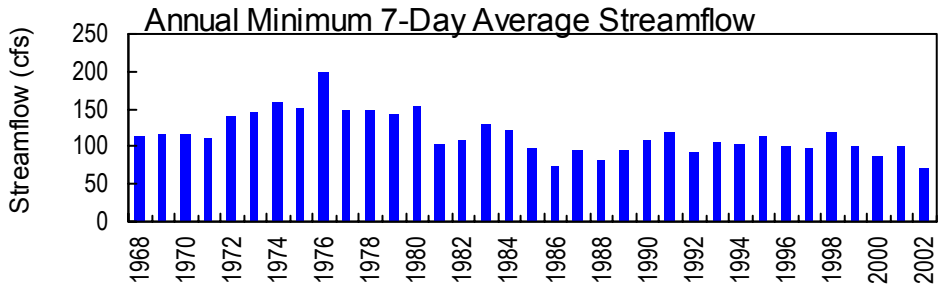
Latitude: 32°24'48" Longitude: 84°49'12" Hydrologic Unit Code: 03130003 Chattahoochee County

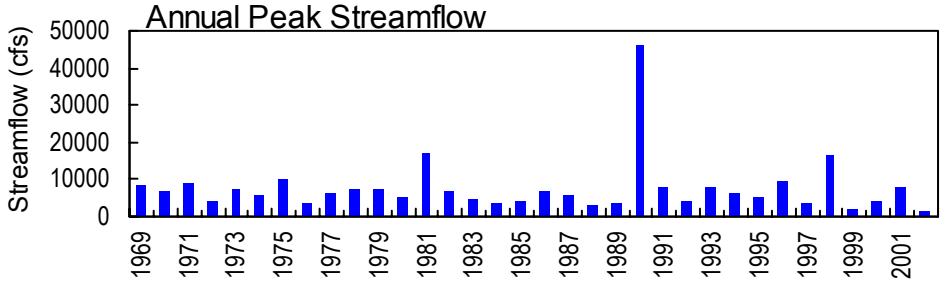
Drainage Area: 342. mi^2 Datum: 230.00 feet











02341800 UPATOI CREEK NEAR COLUMBUS, GA.

LOCATION.—Lat 32°24'48", long 84°49'12" referenced to North American Datum (NAD) of 1927, Muscogee-Chattahoochee County line, Hydrologic Unit 03130003, at downstream side of pier near left end of bridge on Red Arrow Road at Fort Benning, 2.0 miles downstream from Randall Creek, 2.0 miles upstream from Ochillee Creek, 8.0 miles southeast of Columbus, and 12.0 miles upstream from mouth.

DRAINAGE AREA.—342 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1968 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 230 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.--Records fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 7	0500	1,880*	7.68*

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1968 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 230 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.68 feet, February 7; minimum gage-height recorded, 3.26 feet, August 12.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02341800 UPATOI CREEK NEAR COLUMBUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 053
LATITUDE 322448 LONGITUDE 0844912 NAD27 DRAINAGE AREA 342.00* CONTRIBUTING DRAINAGE AREA DATUM 230.00 NGVD29
Date Processed: 2003-03-10 09:45 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	126	128	194	141	194	195	453	324	144	116	103	137
2	123	132	175	150	189	605	409	303	139	109	120	127
3	120	134	158	185	179	1320	343	231	121	139	105	108
4	118	129	150	194	172	980	306	193	111	131	91	99
5	118	124	146	179	167	607	280	179	188	149	84	91
6	119	119	145	194	350	459	262	176	147	128	79	85
7	120	117	145	211	1670	393	249	169	126	107	76	81
8	118	117	143	199	1240	357	244	162	117	135	74	77
9	114	118	143	178	723	338	282	157	113	134	71	74
10	114	117	163	168	500	331	455	144	106	111	71	72
11	118	125	255	164	413	305	480	136	100	99	68	71
12	120	122	244	170	357	291	419	171	96	116	66	69
13	120	120	207	255	328	396	497	163	91	138	68	74
14	131	121	189	253	306	422	512	201	97	248	78	121
15	125	122	181	215	291	350	449	188	100	205	95	206
16	116	120	167	189	280	320	389	161	94	138	90	237
17	109	120	165	174	265	328	349	142	90	116	89	179
18	107	120	236	168	259	308	331	156	90	117	91	136
19	110	120	225	189	253	283	287	202	90	96	92	118
20	115	122	193	385	260	269	258	178	95	88	101	108
21	112	123	169	356	287	516	234	148	94	87	108	121
22	111	127	159	288	266	653	215	133	94	112	93	114
23	112	140	158	247	242	460	201	127	110	113	83	113
24	120	192	171	224	230	368	189	120	118	137	77	108
25	116	324	170	267	218	328	181	116	118	150	75	106
26	109	377	158	295	213	339	174	116	115	167	72	126
27	104	288	151	253	205	549	171	110	115	140	97	158
28	105	218	149	223	196	456	171	106	136	117	143	158
29	108	178	150	209	---	370	216	104	152	106	118	134
30	112	178	148	204	---	328	217	103	134	101	102	119
31	125	---	144	197	---	318	---	114	---	100	111	---
TOTAL	3595	4592	5351	6724	10253	13542	9223	5033	3441	3950	2791	3527
MEAN	116	153	173	217	366	437	307	162	115	127	90.0	118
MAX	131	377	255	385	1670	1320	512	324	188	248	143	237
MIN	104	117	143	141	167	195	171	103	90	87	66	69
CFSM	0.34	0.45	0.50	0.63	1.07	1.28	0.90	0.47	0.34	0.37	0.26	0.34
IN.	0.39	0.50	0.58	0.73	1.12	1.47	1.00	0.55	0.37	0.43	0.30	0.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2002, BY WATER YEAR (WY)

MEAN	196	280	445	632	756	993	665	338	250	268	238	190
MAX	479	986	1460	1170	1498	3678	1513	858	524	1315	624	409
(WY)	1995	1993	1998	1975	1998	1990	1973	1978	1975	1994	1971	1971
MIN	103	144	164	189	254	336	239	148	98.9	92.9	90.0	113
(WY)	1988	1970	1989	1981	2001	1985	1985	2000	1988	1986	2002	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1968 - 2002	
ANNUAL TOTAL	134058		72004			
ANNUAL MEAN	367		197		437	
HIGHEST ANNUAL MEAN					750	1975
LOWEST ANNUAL MEAN					197	2002
HIGHEST DAILY MEAN	7350	Mar 4	1670	Feb 7	31600	Mar 17 1990
LOWEST DAILY MEAN	96	Aug 27	66	Aug 12	66	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	101	Aug 24	71	Aug 7	71	Aug 7 2002
MAXIMUM PEAK FLOW			1880	Feb 7	46300	Mar 17 1990
MAXIMUM PEAK STAGE			7.68	Feb 7	32.12	Mar 17 1990
INSTANTANEOUS LOW FLOW			64	Aug 12	64	Aug 12 2002
ANNUAL RUNOFF (CFSM)	1.07		0.58		1.28	
ANNUAL RUNOFF (INCHES)	14.58		7.83		17.38	
10 PERCENT EXCEEDS	700		349		849	
50 PERCENT EXCEEDS	199		146		263	
90 PERCENT EXCEEDS	117		94		129	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02341800 UPATOI CREEK NEAR COLUMBUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 053
LATITUDE 322448 LONGITUDE 0844912 NAD27 DRAINAGE AREA 342.00* CONTRIBUTING DRAINAGE AREA DATUM 230.00 NGVD29
Date Processed: 2003-03-10 08:42 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.52	3.53	3.82	3.59	3.82	3.91	4.77	4.37	3.68	3.55	3.48	3.65
2	3.50	3.55	3.74	3.63	3.80	5.06	4.64	4.31	3.66	3.51	3.57	3.60
3	3.49	3.56	3.67	3.78	3.76	6.70	4.44	4.05	3.57	3.66	3.49	3.51
4	3.48	3.53	3.63	3.82	3.73	6.02	4.32	3.90	3.52	3.63	3.42	3.46
5	3.48	3.51	3.61	3.76	3.71	5.18	4.23	3.84	3.87	3.71	3.38	3.42
6	3.49	3.48	3.61	3.82	4.30	4.79	4.16	3.83	3.70	3.61	3.35	3.38
7	3.49	3.47	3.61	3.89	7.32	4.60	4.12	3.80	3.60	3.51	3.33	3.36
8	3.48	3.48	3.60	3.84	6.52	4.49	4.10	3.76	3.56	3.64	3.32	3.34
9	3.46	3.48	3.60	3.75	5.41	4.43	4.23	3.74	3.54	3.64	3.30	3.32
10	3.46	3.48	3.69	3.71	4.85	4.40	4.78	3.69	3.50	3.52	3.30	3.31
11	3.48	3.52	4.06	3.69	4.60	4.32	4.85	3.65	3.47	3.46	3.28	3.30
12	3.49	3.50	4.02	3.72	4.43	4.27	4.67	3.80	3.44	3.55	3.27	3.29
13	3.49	3.49	3.88	4.06	4.33	4.60	4.89	3.77	3.42	3.65	3.28	3.32
14	3.54	3.49	3.80	4.05	4.27	4.68	4.93	3.93	3.45	4.11	3.34	3.57
15	3.51	3.50	3.77	3.91	4.22	4.47	4.76	3.88	3.46	3.94	3.44	3.95
16	3.47	3.49	3.71	3.80	4.18	4.37	4.58	3.76	3.43	3.66	3.41	4.07
17	3.44	3.49	3.70	3.74	4.14	4.39	4.46	3.67	3.41	3.55	3.41	3.84
18	3.43	3.49	3.99	3.71	4.11	4.32	4.40	3.74	3.41	3.55	3.42	3.65
19	3.44	3.49	3.95	3.79	4.09	4.24	4.25	3.93	3.41	3.44	3.42	3.56
20	3.46	3.50	3.82	4.50	4.13	4.19	4.15	3.83	3.44	3.40	3.47	3.51
21	3.45	3.51	3.72	4.40	4.22	4.90	4.06	3.70	3.43	3.40	3.51	3.57
22	3.44	3.52	3.67	4.18	4.16	5.29	3.99	3.63	3.43	3.53	3.43	3.54
23	3.45	3.59	3.67	4.03	4.07	4.79	3.93	3.61	3.52	3.53	3.37	3.54
24	3.49	3.81	3.73	3.94	4.02	4.52	3.88	3.57	3.56	3.65	3.34	3.51
25	3.47	4.29	3.72	4.10	3.99	4.39	3.85	3.55	3.56	3.71	3.33	3.50
26	3.43	4.47	3.67	4.20	3.97	4.42	3.82	3.55	3.54	3.79	3.31	3.60
27	3.41	4.18	3.63	4.05	3.94	5.03	3.80	3.52	3.54	3.67	3.44	3.75
28	3.41	3.92	3.63	3.94	3.91	4.78	3.81	3.50	3.65	3.55	3.68	3.75
29	3.43	3.75	3.63	3.88	---	4.53	3.99	3.49	3.72	3.50	3.56	3.64
30	3.45	3.75	3.62	3.86	---	4.39	3.99	3.49	3.64	3.47	3.48	3.56
31	3.51	---	3.60	3.84	---	4.36	---	3.54	---	3.47	3.53	---
MEAN	3.47	3.63	3.73	3.90	4.36	4.67	4.29	3.75	3.54	3.60	3.41	3.55
MAX	3.54	4.47	4.06	4.50	7.32	6.70	4.93	4.37	3.87	4.11	3.68	4.07
MIN	3.41	3.47	3.60	3.59	3.71	3.91	3.80	3.49	3.41	3.40	3.27	3.29

APALACHICOLA RIVER BASIN
2002 Water Year

02341900 OCHILLEE CREEK AT HOURGLASS ROAD, NEAR CUSSETA, GA

LOCATION.—Lat 32°21'53", long 84°49'02" referenced to North American Datum (NAD) of 1927, Chattahoochee County, Hydrologic Unit 03130003, at Hourglass Road, 5.0 miles northwest of Cusseta.

DRAINAGE AREA.—53.3 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1979 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 281.53 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 16.00 feet, March 17, 1990
DISCHARGE: 11,000 ft^3/s, March 17, 1990

MAXIMUM FOR CURRENT YEAR.—
STAGE: 4.39 feet, February 6
DISCHARGE: 374 ft^3/s, February 6

0234296910 CHATTAHOOCHEE RIVER AT COAST GUARD DOCK, AT EUFAULA, AL

LOCATION.—Lat 31°54'29", long 85°08'42" referenced to North American Datum (NAD) of 1927, in SE ¼, Section 29, Township 11 North, Range 29 East, Barbour County, Hydrologic Unit 03130003, at Coast Guard Dock near the mouth of the Chewalla Creek, 1.0 mile north of Eufaula, AL, and at mile 97.8.

DRAINAGE AREA.—6,730 mi^2.

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1967 to current (elevations only). October 1989 to current year in reports of the U.S. Geological Survey, Alabama District. Data from April 1967 to September 1989 are in the files of the U.S. Army Corps of Engineers, Mobile District.

GAGE.—Water-stage recorder. Datum of gage is National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Gage is in the pool of Walter F. George Reservoir formed by a dam at mile 75.0.

EXTREMES FOR PERIOD SINCE OCTOBER 1989.—Maximum elevation, 195.6 feet, March 18, 1990; minimum elevation, 184.05 feet, June 13, 2000.

EXTREMES FOR CURRENT YEAR.—Maximum elevation, 189.68 feet, May 9; minimum elevation, 184.77 feet, September 13.

STATION NUMBER 0234296910 CHATTAHOOCHEE RIVER AT COAST GUARD DOCK AT EUFAULA SOURCE AGENCY USGS STATE 01 COUNTY 005
LATITUDE 315429 LONGITUDE 0850842 NAD27 DATUM 0.00 NGVD29 STATE 01 COUNTY 005
Date Processed: 2003-02-25 10:02 By jpearman
APPROVED RECORD
ELEVATION, in FT (NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	187.49	186.94	187.22	187.06	188.46	187.15	187.57	188.62	188.41	187.18	186.41	185.34
2	187.59	186.95	187.30	187.00	188.28	187.54	187.41	188.76	188.32	187.06	186.46	185.31
3	187.67	187.03	187.21	187.08	188.28	188.22	187.37	188.89	188.25	187.04	186.47	185.27
4	187.76	187.02	187.20	187.04	188.07	188.55	187.52	188.97	188.26	186.98	186.43	185.27
5	187.86	186.91	187.23	187.03	187.91	188.51	187.71	188.98	188.35	186.95	186.37	185.22
6	187.93	186.88	187.29	186.97	188.00	188.44	187.81	189.15	188.40	186.90	186.31	185.19
7	187.95	186.77	187.30	186.96	188.71	188.46	187.78	189.44	188.45	186.85	186.28	185.15
8	187.94	186.69	187.35	186.89	188.95	188.33	187.77	189.57	188.46	186.81	186.22	185.11
9	187.88	186.60	187.37	186.78	188.88	188.24	187.89	189.64	188.42	186.77	186.15	185.05
10	187.87	186.57	187.37	186.80	188.73	188.24	188.18	189.60	188.37	186.70	186.12	185.00
11	187.84	186.54	187.39	186.76	188.33	188.14	188.30	189.59	188.32	186.61	186.06	184.96
12	187.80	186.43	187.45	186.83	188.30	188.07	188.28	189.51	188.28	186.68	186.03	184.91
13	187.78	186.37	187.41	186.97	188.24	188.00	188.49	189.41	188.24	186.72	185.97	184.88
14	187.79	186.08	187.40	187.01	188.19	187.89	188.61	189.36	188.21	186.74	185.91	184.95
15	187.83	185.97	187.42	187.09	188.13	187.73	188.51	189.29	188.15	186.73	185.84	185.12
16	187.78	185.91	187.40	187.16	188.16	187.63	188.47	189.23	188.08	186.69	185.77	185.21
17	187.77	185.90	187.38	187.22	188.05	187.70	188.30	189.17	187.99	186.63	185.69	185.24
18	187.76	185.89	187.38	187.25	187.93	187.66	188.24	189.11	187.92	186.56	185.65	185.29
19	187.65	185.78	187.39	187.32	187.87	187.63	188.19	188.99	187.84	186.51	185.62	185.27
20	187.66	185.69	187.38	187.52	187.71	187.51	188.16	188.92	187.76	186.45	185.55	185.23
21	187.65	185.65	187.35	187.65	187.53	187.76	188.11	188.83	187.66	186.40	185.62	185.21
22	187.60	185.65	187.40	187.68	187.29	187.96	188.12	188.76	187.55	186.37	185.63	185.20
23	187.52	185.79	187.45	187.78	187.19	187.76	188.15	188.76	187.53	186.31	185.58	185.20
24	187.46	185.83	187.43	187.85	187.24	187.69	188.19	188.78	187.50	186.34	185.57	185.19
25	187.31	186.41	187.38	187.86	187.25	187.74	188.19	188.78	187.44	186.37	185.56	185.20
26	187.20	186.70	187.27	187.60	187.18	187.53	188.25	188.77	187.40	186.36	185.53	185.31
27	187.12	186.85	187.08	187.66	187.16	187.61	188.28	188.74	187.43	186.38	185.47	185.39
28	187.10	187.02	187.03	187.89	187.17	187.72	188.28	188.72	187.43	186.39	185.43	185.42
29	187.05	187.12	187.02	188.15	---	187.62	188.34	188.67	187.41	186.43	185.39	185.44
30	186.96	187.17	187.03	188.35	---	187.49	188.44	188.65	187.29	186.44	185.35	185.48
31	186.93	---	187.02	188.45	---	187.50	---	188.53	---	186.41	185.37	---
MEAN	187.60	186.44	187.30	187.34	187.97	187.87	188.10	189.04	187.97	186.64	185.86	185.20
MAX	187.95	187.17	187.45	188.45	188.95	188.55	188.61	189.64	188.46	187.18	186.47	185.48
MIN	186.93	185.65	187.02	186.76	187.16	187.15	187.37	188.53	187.29	186.31	185.35	184.88

CAL YR 2001 MEAN 188.33 MAX 191.23 MIN 185.65
WTR YR 2002 MEAN 187.28 MAX 189.64 MIN 184.88

APALACHICOLA RIVER BASIN
2002 Water Year

02343219 BLUFF SPRINGS BRANCH AT GA 27, NEAR LUMPKIN, GA

LOCATION.—Lat 32°01'53", long 84°53'18" referenced to North American Datum (NAD) of 1927, Stewart County, Hydrologic Unit 03130003, at culvert on GA 27, 5.8 miles southwest of Lumpkin.

DRAINAGE AREA.—2.98 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 390.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 4.70 feet, March 17, 1990
DISCHARGE: 568 ft^3/s, March 17, 1990

MAXIMUM FOR CURRENT YEAR.—
STAGE: 2.42 feet, November 25
DISCHARGE: 182 ft^3/s, November 25

02343240 WALTER F. GEORGE RESERVOIR NEAR FORT GAINES, GA

LOCATION.--Lat 31°37'27", long 85°04'03" referenced to North American Datum (NAD) of 1927, Clay County, Hydrologic Unit 03130003, at forebay of dam on Chattahoochee River, 1.6 miles upstream from bridge on GA 37, 1.0 mile north of Fort Gaines, and at mile 75.0.

REMARKS.-- Water levels are provided by the U.S. Army Corps of Engineers, Mobile District. Please see the following Internet location for more information:

http://water.sam.usace.army.mil/

02343244 CEMOCHECHOBEE CREEK NEAR COLEMAN, GA

LOCATION.—Lat 31°39'12", long 84°53'02" referenced to North American Datum (NAD) of 1927, Randolph County, Hydrologic Unit 03130004, at County Road bridge 1576, 1.5 miles south of Coleman.

DRAINAGE AREA.—15.3 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 255.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 11.84 feet, July 4, 1994
DISCHARGE: 5,160 ft^3/s, July 4, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: 3.97 feet, September 13
DISCHARGE: 135 ft^3/s, September 13

APALACHICOLA RIVER BASIN
2003 Water Year

02343267 TEMPLE CREEK AT GA 39, NEAR BLAKELY, GA

LOCATION.—Lat 31°26'34", long 84°59'00" referenced to North American Datum (NAD) of 1927, Early County, Hydrologic Unit 03130004, at culvert on GA 39, 5.2 miles north of Blakely.

DRAINAGE AREA.—2.78 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1978 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 290.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 6.13 feet, July 6, 1994
DISCHARGE: 746 ft^3/s, July 6, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: unknown, July 13
DISCHARGE: 52.3 ft^3/s (estimated), July 13

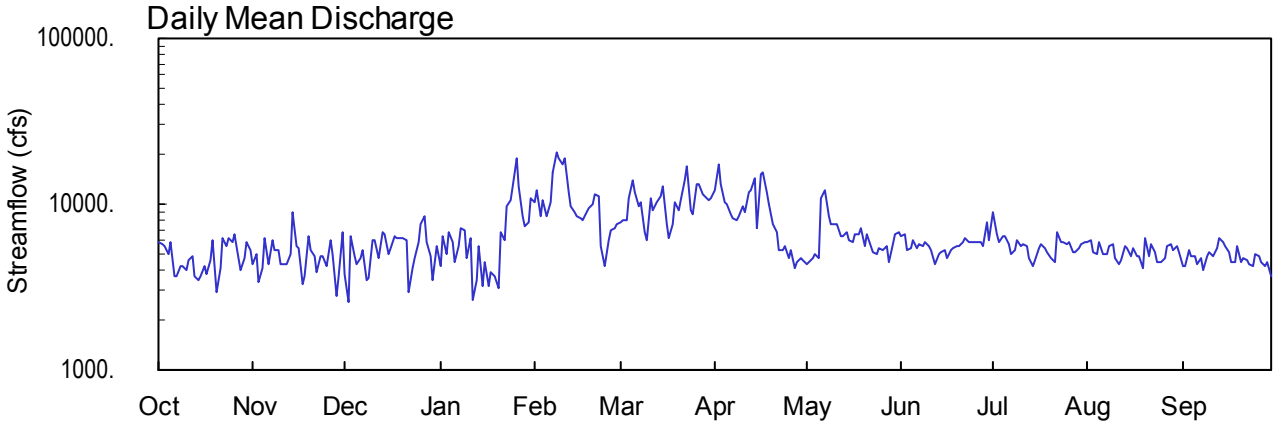
APALACHICOLA RIVER BASIN

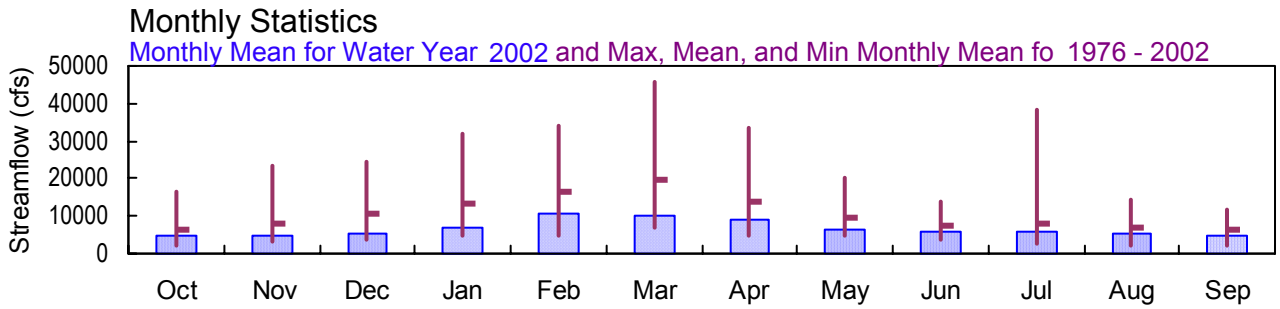
2002 Water Year

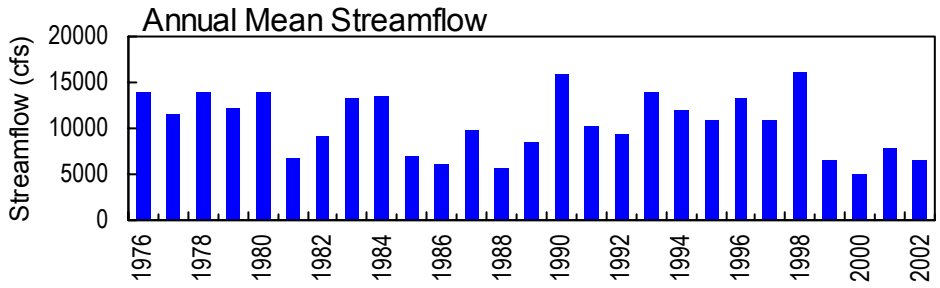
02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL

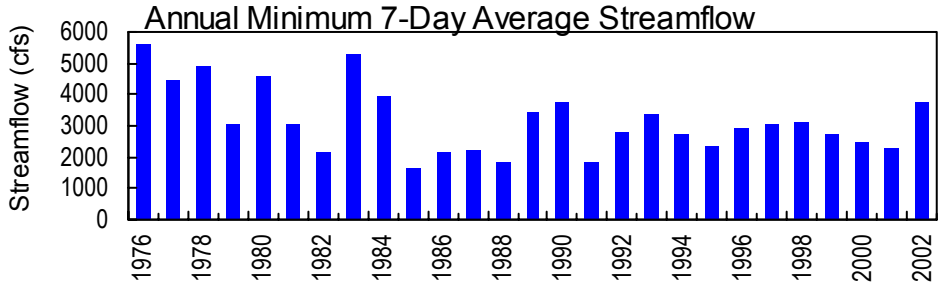
Latitude: 31°15'33" Longitude: 85°06'37" Hydrologic Unit Code: 03130004 Early County

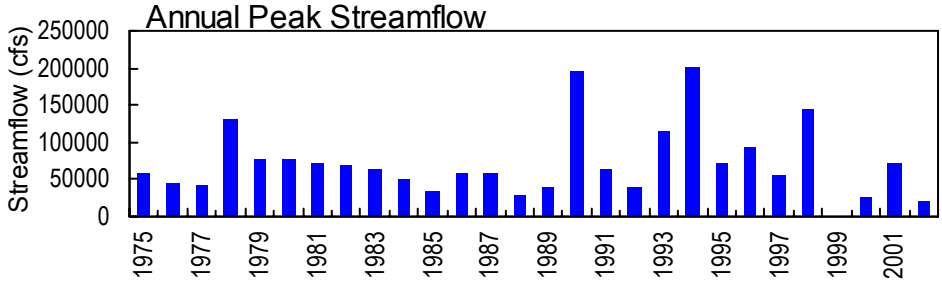
Drainage Area: 8,210. mi^2 Datum: 0.00 feet











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NO PHOTOS AVAILABLE FOR THIS SITE

APALACHICOLA RIVER BASIN
2002 Water Year

02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL

LOCATION.—Lat 31°15'33", long 85°06'37", Early County, GA-Houston County, AL, Hydrologic Unit 03130004, at left end of George W. Andrews Lock and Dam, 1.3 miles downstream from Omusee Creek, 2.3 miles south of Columbia, AL, and at mile 46.5.

DRAINAGE AREA.—8,210 mi^2, approximately.

COOPERATION.—U.S Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division; Southern Nuclear Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1975 to current year.

GAGE.—Satellite transmitter with gate-opening and water-stage recorders. Datum of headwater gage and tail-water gage is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records fair, except estimated record, which is poor. Flow regulated by Lake Sidney Lanier, West Point Lake, Lake Harding, Walter F. George Lake, and George W. Andrews Reservoir.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of March 1929, thought to be the highest since 1827, based on station on Chattahoochee River at Columbia, AL, 2.4 miles upstream.

WATER-STAGE RECORD

PERIOD OF RECORD.—October 1975 to current year.

GAGE.—Satellite transmitter with gate-opening and water-stage recorders. Datum of headwater gage and tail-water gage is 0.00 feet referenced to National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Water-stage records prior to the 2001 water year are unpublished, but are available upon request.

EXTREMES FOR CURRENT YEAR.—Headwater: Maximum gage-height recorded, 103.63 feet, February 8; minimum gage-height recorded, 99.71 feet, April 2. Tailwater: Maximum gage-height recorded, 87.29 feet, February 8; minimum gage-height recorded, 75.49 feet, June 19.

PRECIPITATION RECORDS

PERIOD OF RECORD.—September 1998 to current year.

GAGE.—Tipping-bucket raingage. Precipitation records prior to the 2001 water year are unpublished, but are available upon request.

REMARKS.—Records poor.

STATION NUMBER 02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL SOURCE AGENCY USGS STATE 13 COUNTY 099
LATITUDE 311533 LONGITUDE 0850637 NAD27 DRAINAGE AREA 8210.00* CONTRIBUTING DRAINAGE AREA DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:29 By acday
APPROVED
DD #10

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e5860	4330	3740	4180	10300	7880	e12200	4340	6340	8870	e5920	4280
2	5820	5030	2580	e6460	12000	e8000	e17400	4470	6680	6580	6000	4190
3	5650	3430	6360	5060	8410	e8080	13300	4780	5280	5980	5110	5230
4	5000	4090	4810	6730	10700	11000	e10400	5020	5450	6340	5030	4880
5	5880	6250	4310	5970	8360	14100	10100	4770	6010	6470	5890	4900
6	3690	4310	4700	4460	10400	11700	8790	e10900	5360	5750	4930	4360
7	3650	6080	5280	5620	15800	9770	8220	e12100	5740	5020	4940	4700
8	4240	5320	3500	7110	20400	10300	e7910	e8530	5580	5250	5660	4010
9	4250	5270	3610	6980	18800	6850	8580	7580	5870	6040	5710	4860
10	4030	4340	6140	4680	17500	6050	9800	7640	5610	5520	4790	5140
11	4540	4350	6020	6210	18900	10800	9030	7490	5320	5730	4390	4920
12	4910	e4400	4700	2630	11800	9260	11800	6350	4410	5540	4660	5440
13	3700	5020	6700	3510	9700	10200	12100	6470	5040	4780	5550	6250
14	3510	9010	6600	5640	8970	11300	14300	6710	5120	4270	5430	5930
15	3690	5590	5010	3200	8480	12800	e7080	6150	5220	4660	4900	5600
16	4190	5390	5380	4420	e8160	7590	e15300	5910	4780	5390	5450	5070
17	3830	3280	e6490	3200	8080	6170	15800	6560	5320	5800	4850	4490
18	4640	3640	e6260	3890	8850	7650	e11700	6680	5410	5420	e4840	4460
19	6100	6420	e6170	3650	e9360	10300	9890	7260	5610	5080	4160	5660
20	2990	5320	6200	3080	10000	9270	e7640	5580	5650	4780	6250	4470
21	4140	4820	6140	6830	11500	10500	6730	6560	5960	4520	4800	4700
22	6210	3890	2940	6150	e11100	14100	5350	5590	6190	6710	5680	4620
23	5600	4850	4090	9620	5620	17100	5300	5180	5970	e5850	5130	4390
24	6160	4810	4770	10600	4250	9190	5650	4930	5950	e5850	4530	4220
25	5900	4270	5970	13000	6120	8780	4740	5440	5870	e5700	4460	4970
26	6580	6080	7530	18800	6910	e13200	5230	5340	5980	e5850	4740	4840
27	4760	4940	8520	12900	7250	13200	4070	5630	5980	e5160	5530	4470
28	4010	2810	5890	8470	7530	11600	4450	4460	5610	e5130	5710	4190
29	4760	3730	4800	7370	---	11200	4780	5700	7810	e5440	5320	4420
30	5830	6710	3520	7770	---	e10500	4550	6610	6020	e5750	5640	3680
31	5280	---	5590	10900	---	e11000	---	e6710	---	e5870	5130	---
TOTAL	149400	147780	164320	209090	295250	319440	272190	197440	171140	175100	161130	143340
MEAN	4819	4926	5301	6745	10540	10300	9073	6369	5705	5648	5198	4778
MAX	6580	9010	8520	18800	20400	17100	17400	12100	7810	8870	6250	6250
MIN	2990	2810	2580	2630	4250	6050	4070	4340	4410	4270	4160	3680
CFSM	0.59	0.60	0.65	0.82	1.28	1.26	1.11	0.78	0.69	0.69	0.63	0.58
IN.	0.68	0.67	0.74	0.95	1.34	1.45	1.23	0.89	0.78	0.79	0.73	0.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2002, BY WATER YEAR (WY)

MEAN	6347	7868	10850	13250	16740	19550	13630	9485	7407	7906	7045	6170
MAX	16730	23290	24660	31670	33800	45900	33400	19950	13590	38070	14550	11630
(WY)	1976	1993	1993	1978	1998	1990	1979	1980	1976	1994	1984	1994
MIN	2385	2998	3655	4726	4856	6912	4957	4536	3946	2425	2045	2265
(WY)	1987	1982	2000	1981	1989	2000	1999	1999	2000	1988	1988	1986

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1976 - 2002	
ANNUAL TOTAL	2968520		2405620			
ANNUAL MEAN	8133		6591		10490	
HIGHEST ANNUAL MEAN					16050	1998
LOWEST ANNUAL MEAN					4950	2000
HIGHEST DAILY MEAN	69700	Mar 5	20400	Feb 8	195000	Jul 7 1994
LOWEST DAILY MEAN	1110	Sep 16	2580	Dec 2	0.00	Nov 22 1987
ANNUAL SEVEN-DAY MINIMUM	2300	Sep 15	3780	Jan 12	1640	May 14 1985
MAXIMUM PEAK FLOW			30300	Feb 8	202000	Jul 7 1994
MAXIMUM PEAK STAGE			87.29	Feb 8	123.98	Jul 7 1994
ANNUAL RUNOFF (CFSM)	0.99		0.80		1.28	
ANNUAL RUNOFF (INCHES)	13.45		10.90		17.37	
10 PERCENT EXCEEDS	13700		10800		21200	
50 PERCENT EXCEEDS	5560		5660		8220	
90 PERCENT EXCEEDS	2810		4190		1840	

e Estimated

STATION NUMBER 02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL SOURCE AGENCY USGS STATE 13 COUNTY 099
LATITUDE 311533 LONGITUDE 0850637 NAD27 DRAINAGE AREA 8210.00* CONTRIBUTING DRAINAGE AREA DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:29 By acday
APPROVED
DD #13, DCP HEADWATER
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101.20	101.12	101.19	101.10	101.99	101.85	---	101.58	101.92	101.95	101.98	101.04
2	101.43	101.23	101.06	---	102.30	101.78	---	101.60	101.83	101.77	102.05	101.38
3	101.24	100.81	101.81	100.99	102.05	101.76	102.22	101.75	101.49	101.72	101.80	101.44
4	101.58	101.10	101.66	101.89	102.22	102.02	101.66	101.69	101.36	101.82	101.58	101.36
5	101.87	101.58	101.50	101.36	102.15	101.92	102.06	101.51	101.30	101.80	102.00	101.50
6	101.57	101.00	101.03	101.46	102.26	102.57	101.59	102.01	101.62	101.67	101.91	101.43
7	100.86	101.51	101.31	101.50	101.95	101.91	101.81	101.38	101.40	101.70	101.79	101.01
8	100.96	101.30	100.88	101.66	102.01	101.90	101.44	102.34	101.88	101.60	101.95	101.07
9	101.58	101.33	100.64	101.84	102.19	101.91	101.74	102.01	101.89	101.57	101.67	101.15
10	101.36	100.97	101.58	101.36	101.75	102.00	102.00	102.13	101.66	101.69	101.66	101.19
11	101.39	100.59	101.56	101.78	102.01	102.20	101.74	101.97	101.31	101.89	101.55	101.25
12	101.38	---	101.06	101.08	102.03	101.89	102.18	102.21	101.19	101.76	101.56	101.13
13	101.32	100.68	101.77	101.20	102.18	102.13	101.93	102.18	101.28	102.01	101.43	101.52
14	101.13	102.03	101.75	101.71	102.07	102.08	102.20	102.12	101.31	101.63	101.35	101.56
15	101.01	101.38	101.24	101.27	102.23	101.97	102.21	102.01	101.38	101.44	101.64	101.85
16	101.28	101.33	101.37	100.85	101.55	102.22	101.87	101.81	101.27	101.77	101.70	101.80
17	100.69	100.80	---	100.94	101.64	101.46	101.65	101.79	101.29	101.68	101.76	101.75
18	100.96	101.00	---	101.60	101.48	102.23	101.73	101.82	101.40	101.64	---	101.81
19	101.62	101.65	---	101.46	---	102.04	102.09	101.88	101.39	101.67	101.20	102.10
20	101.05	101.27	101.57	101.02	102.12	102.07	101.31	101.76	101.24	101.65	101.88	102.08
21	101.27	100.91	101.55	101.54	102.15	102.31	102.14	101.85	101.20	101.61	101.55	101.99
22	101.37	100.81	100.75	102.07	---	102.20	101.91	101.97	101.21	101.92	101.37	101.37
23	101.48	101.17	100.78	101.96	101.86	102.37	101.88	101.51	101.20	---	101.69	100.98
24	101.60	101.29	101.17	102.03	101.29	102.20	101.81	102.14	101.22	101.85	101.50	101.54
25	101.71	101.21	101.49	102.39	101.65	101.80	101.67	102.11	101.37	101.90	101.39	101.88
26	101.48	101.81	102.01	102.38	102.00	---	101.48	101.81	101.48	101.47	101.42	101.64
27	101.26	101.51	102.33	101.98	101.91	101.94	101.47	101.40	101.28	101.31	101.67	101.82
28	101.21	100.74	101.73	101.85	101.97	101.90	101.73	101.37	101.54	101.47	101.71	101.88
29	101.26	101.28	101.13	101.85	---	101.61	101.66	101.62	101.67	101.65	101.54	101.79
30	101.51	101.75	101.07	102.02	---	---	101.54	101.68	101.47	102.09	101.57	101.74
31	101.47	---	101.61	102.13	---	---	---	---	---	102.01	101.17	---
MEAN	101.33	---	---	---	---	---	---	---	101.44	---	---	101.53
MAX	101.87	---	---	---	---	---	---	---	101.92	---	---	102.10
MIN	100.69	---	---	---	---	---	---	---	101.19	---	---	100.98

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL SOURCE AGENCY USGS STATE 13 COUNTY 099
LATITUDE 311533 LONGITUDE 0850637 NAD27 DRAINAGE AREA 8210.00* CONTRIBUTING DRAINAGE AREA DATUM 0.00 NGVD29
Date Processed: 2003-03-11 12:29 By acday
APPROVED
DD #20, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.10	0.20	0.00	0.00	0.00	0.00	0.50	0.00
2	0.00	0.00	0.00	0.50	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00
6	1.10	0.00	0.00	0.20	1.40	0.00	0.00	0.00	1.20	0.10	0.00	0.10
7	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.10	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.20	3.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.10	0.00	0.00
12	0.20	0.00	0.00	0.50	0.00	0.40	0.30	0.00	0.00	0.10	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.30	0.00	0.00	0.00	0.90
14	0.20	0.00	0.10	0.50	0.00	0.00	0.20	0.00	0.60	0.00	0.10	2.70
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
17	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.10	0.30	0.00	0.60	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.00
20	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.40	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.10	0.10	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.80	0.20	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.70
25	0.00	0.40	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
26	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.20	0.50
27	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.60	0.10
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.10	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.30	0.00	0.00	---	0.00	0.00	0.10	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	1.00	---	0.00	---	0.00	0.00	---
TOTAL	1.50	1.50	1.80	2.30	2.40	5.40	4.80	0.90	4.40	1.30	4.40	6.10

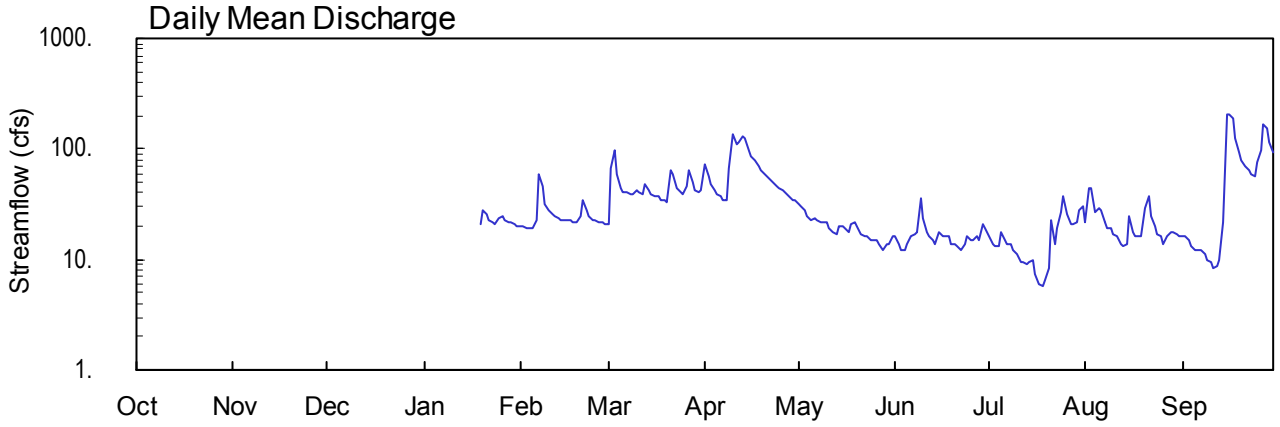
APALACHICOLA RIVER BASIN

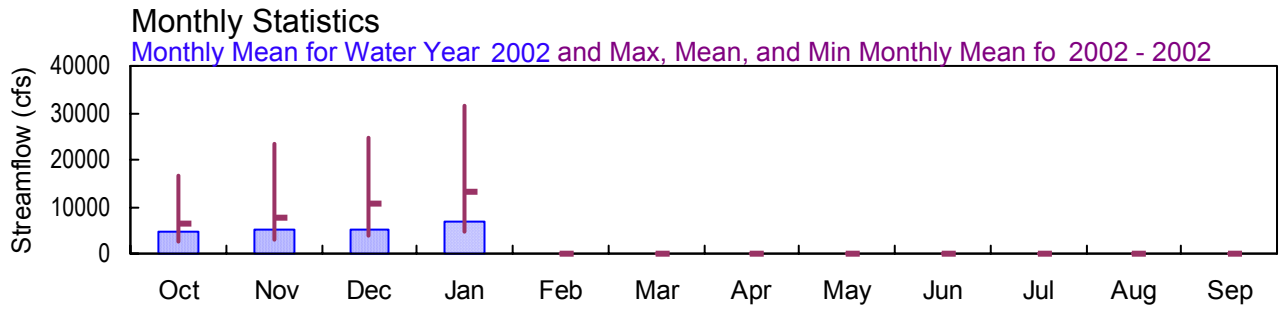
2002 Water Year

02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA

Latitude: 31°10'40" Longitude: 85°02'37" Hydrologic Unit Code: 03130004 Early County

Drainage Area: 64.2 mi^2 Datum: 99.00 feet





NO PHOTOS AVAILABLE FOR THIS SITE

APALACHICOLA RIVER BASIN
2002 Water Year

02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA

LOCATION.--Lat 31°10'40", long 85°02'37" referenced to North American Datum (NAD) of 1927, Early County, Hydrologic Unit 03130004, 1.3 miles east of GA 273 on GA 273, 0.30 miles west of Cedar Springs.

DRAINAGE AREA.—64.2 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 18, 2002 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 99.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

WATER-STAGE RECORDS

PERIOD OF RECORD.—January 18, 2002 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 99.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 18, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA SOURCE AGENCY USGS STATE 13 COUNTY 099
LATITUDE 311040 LONGITUDE 0850237 NAD27 DRAINAGE AREA 64.2* CONTRIBUTING DRAINAGE AREA DATUM 99.00 NGVD29
Date Processed: 2003-03-10 11:59 By acday
APPROVED
DD #4, DCP
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	20	21	74	32	16	16	22	16
2	---	---	---	---	20	67	56	30	14	14	44	16
3	---	---	---	---	19	96	47	28	12	13	44	15
4	---	---	---	---	19	58	42	25	12	13	27	13
5	---	---	---	---	19	45	39	23	14	18	29	12
6	---	---	---	---	23	41	37	24	16	15	28	12
7	---	---	---	---	60	40	35	23	17	14	22	12
8	---	---	---	---	46	39	34	22	18	14	19	11
9	---	---	---	---	32	39	66	22	36	12	19	10
10	---	---	---	---	28	43	134	22	24	11	17	9.3
11	---	---	---	---	26	40	110	19	18	9.6	16	8.4
12	---	---	---	---	25	39	114	18	16	9.3	14	8.7
13	---	---	---	---	24	48	130	17	15	9.2	13	10
14	---	---	---	---	23	43	125	20	14	9.6	14	22
15	---	---	---	---	23	39	99	20	18	9.7	25	203
16	---	---	---	---	23	38	87	19	16	7.5	18	206
17	---	---	---	---	23	37	78	18	16	5.9	16	193
18	---	---	---	---	22	35	70	21	16	5.8	16	125
19	---	---	---	21	22	34	65	22	14	6.5	16	95
20	---	---	---	28	25	33	60	20	14	8.4	29	79
21	---	---	---	26	34	65	56	17	13	23	37	69
22	---	---	---	23	28	59	53	16	12	14	25	63
23	---	---	---	22	25	44	50	16	14	19	20	58
24	---	---	---	21	23	40	46	15	16	27	17	57
25	---	---	---	24	23	39	44	15	15	38	16	77
26	---	---	---	25	22	46	42	15	15	26	14	96
27	---	---	---	23	22	63	39	14	16	21	16	170
28	---	---	---	22	21	49	37	12	15	21	18	152
29	---	---	---	22	---	42	35	14	21	22	18	115
30	---	---	---	21	---	40	34	14	19	28	17	95
31	---	---	---	20	---	42	---	16	---	30	16	---
TOTAL	---	---	---	---	720	1404	1938	609	492	490.5	662	2028.4
MEAN	---	---	---	---	25.7	45.3	64.6	19.6	16.4	15.8	21.4	67.6
MAX	---	---	---	---	60	96	134	32	36	38	44	206
MIN	---	---	---	---	19	21	34	12	12	5.8	13	8.4
MED	---	---	---	---	23	41	54	19	16	14	18	57
AC-FT	---	---	---	---	1430	2780	3840	1210	976	973	1310	4020

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	---	---	---	---	25.7	45.3	64.6	19.6	16.4	15.8	21.4	67.6
MAX	---	---	---	---	25.7	45.3	64.6	19.6	16.4	15.8	21.4	67.6
(WY)	---	---	---	---	2002	2002	2002	2002	2002	2002	2002	2002
MIN	---	---	---	---	25.7	45.3	64.6	19.6	16.4	15.8	21.4	67.6
(WY)	---	---	---	---	2002	2002	2002	2002	2002	2002	2002	2002

STATION NUMBER 02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 099
LATITUDE 311040 LONGITUDE 0850237 NAD27 DRAINAGE AREA 64.2* CONTRIBUTING DRAINAGE AREA DATUM 99.00 NGVD29
Date Processed: 2003-03-14 15:48 By bemccall
WORKING
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	2.12	2.14	3.35	2.40	1.99	2.00	2.17	2.00
2	---	---	---	---	2.11	3.15	2.93	2.36	1.93	1.94	2.66	2.00
3	---	---	---	---	2.09	3.77	2.73	2.31	1.88	1.92	2.68	1.98
4	---	---	---	---	2.08	2.98	2.63	2.23	1.88	1.92	2.29	1.92
5	---	---	---	---	2.07	2.68	2.56	2.18	1.94	2.07	2.33	1.90
6	---	---	---	---	2.19	2.61	2.51	2.21	2.01	1.96	2.31	1.88
7	---	---	---	---	3.04	2.59	2.48	2.20	2.03	1.93	2.17	1.88
8	---	---	---	---	2.71	2.57	2.46	2.16	2.06	1.95	2.10	1.86
9	---	---	---	---	2.40	2.55	3.11	2.16	2.50	1.90	2.07	1.84
10	---	---	---	---	2.31	2.64	4.39	2.15	2.21	1.84	2.03	1.80
11	---	---	---	---	2.27	2.58	4.01	2.07	2.07	1.81	1.99	1.76
12	---	---	---	---	2.23	2.55	4.09	2.06	2.01	1.80	1.95	1.78
13	---	---	---	---	2.22	2.75	4.33	2.04	1.97	1.80	1.91	1.84
14	---	---	---	---	2.20	2.66	4.25	2.12	1.93	1.81	1.94	2.14
15	---	---	---	---	2.19	2.56	3.83	2.11	2.07	1.82	2.23	5.28
16	---	---	---	---	2.19	2.53	3.59	2.07	2.01	1.73	2.07	5.33
17	---	---	---	---	2.18	2.51	3.43	2.06	1.99	1.65	2.01	5.17
18	---	---	---	---	2.16	2.48	3.27	2.14	1.99	1.64	2.01	4.25
19	---	---	---	2.15	2.15	2.45	3.15	2.17	1.96	1.68	2.00	3.74
20	---	---	---	2.33	2.24	2.43	3.05	2.11	1.93	1.75	2.32	3.45
21	---	---	---	2.26	2.46	3.13	2.95	2.04	1.91	2.19	2.50	3.25
22	---	---	---	2.19	2.31	3.01	2.87	2.01	1.90	1.93	2.23	3.11
23	---	---	---	2.16	2.23	2.66	2.79	2.00	1.95	2.07	2.11	2.99
24	---	---	---	2.14	2.20	2.57	2.71	1.98	2.01	2.28	2.03	2.96
25	---	---	---	2.21	2.18	2.55	2.66	1.98	1.98	2.55	1.99	3.40
26	---	---	---	2.24	2.17	2.73	2.62	1.97	1.98	2.26	1.94	3.74
27	---	---	---	2.18	2.16	3.11	2.57	1.95	1.99	2.15	2.01	4.89
28	---	---	---	2.17	2.14	2.77	2.51	1.90	1.96	2.14	2.07	4.66
29	---	---	---	2.16	---	2.63	2.48	1.95	2.14	2.17	2.06	4.10
30	---	---	---	2.14	---	2.57	2.45	1.94	2.08	2.30	2.03	3.74
31	---	---	---	2.12	---	2.63	---	2.00	---	2.36	2.01	---
MEAN	---	---	---	---	2.25	2.69	3.09	2.10	2.01	1.98	2.14	3.02
MAX	---	---	---	---	3.04	3.77	4.39	2.40	2.50	2.55	2.68	5.33
MIN	---	---	---	---	2.07	2.14	2.45	1.90	1.88	1.64	1.91	1.76

STATION NUMBER 02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA SOURCE AGENCY USGS STATE 13 COUNTY 099
LATITUDE 311040 LONGITUDE 0850237 NAD27 DRAINAGE AREA 64.2* CONTRIBUTING DRAINAGE AREA DATUM 99.00 NGVD29
Date Processed: 2003-03-10 12:01 By acday
APPROVED
DD #2, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	0.09	0.00	0.00	0.00	0.02	0.56	0.00
2	---	---	---	---	---	2.45	0.00	0.00	0.00	0.00	0.00	0.00
3	---	---	---	---	---	0.07	0.02	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	0.00	0.00	0.00	0.44	0.08	0.01	0.00
5	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	0.00	0.00	0.00	0.40	0.05	0.00	0.00
7	---	---	---	---	---	0.00	0.00	0.00	0.03	0.20	0.00	0.00
8	---	---	---	---	---	0.00	0.00	0.00	1.73	0.02	0.00	0.00
9	---	---	---	---	---	0.08	2.39	0.00	0.00	0.03	0.00	0.00
10	---	---	---	---	---	0.00	0.04	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	0.00	0.97	0.02	0.00	0.00	0.00	0.00
12	---	---	---	---	---	0.39	0.17	0.00	0.00	0.11	0.00	0.00
13	---	---	---	---	---	0.00	0.72	0.16	0.00	0.00	0.00	1.26
14	---	---	---	---	---	0.00	0.00	0.00	0.76	0.00	0.82	5.41
15	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	1.16
16	---	---	---	---	---	0.00	0.00	0.00	0.02	0.00	0.33	0.00
17	---	---	---	---	---	0.00	0.00	0.14	0.19	0.00	0.01	0.00
18	---	---	---	---	---	0.00	0.00	0.37	0.00	0.00	0.00	0.00
19	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.45	0.56
20	---	---	---	---	---	0.00	0.00	0.00	0.01	1.99	0.00	0.01
21	---	---	---	---	---	1.19	0.00	0.00	0.08	0.43	0.24	0.00
22	---	---	---	---	---	0.00	0.00	0.00	0.06	0.03	0.00	0.00
23	---	---	---	---	---	0.00	0.00	0.00	0.03	0.43	0.00	0.00
24	---	---	---	---	0.00	0.00	0.00	0.00	0.00	1.27	0.00	0.71
25	---	---	---	---	0.00	0.00	0.00	0.00	0.03	0.04	0.02	0.15
26	---	---	---	---	0.01	1.20	0.00	0.00	0.06	0.00	0.01	1.02
27	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.21
28	---	---	---	---	0.00	0.00	0.00	0.46	0.67	0.50	0.01	0.00
29	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	0.00	0.00	0.04	0.03	0.27	0.00	0.00
31	---	---	---	---	---	0.82	---	0.00	---	0.00	0.00	---
TOTAL	---	---	---	---	---	6.29	4.31	1.19	4.54	5.48	2.56	10.49

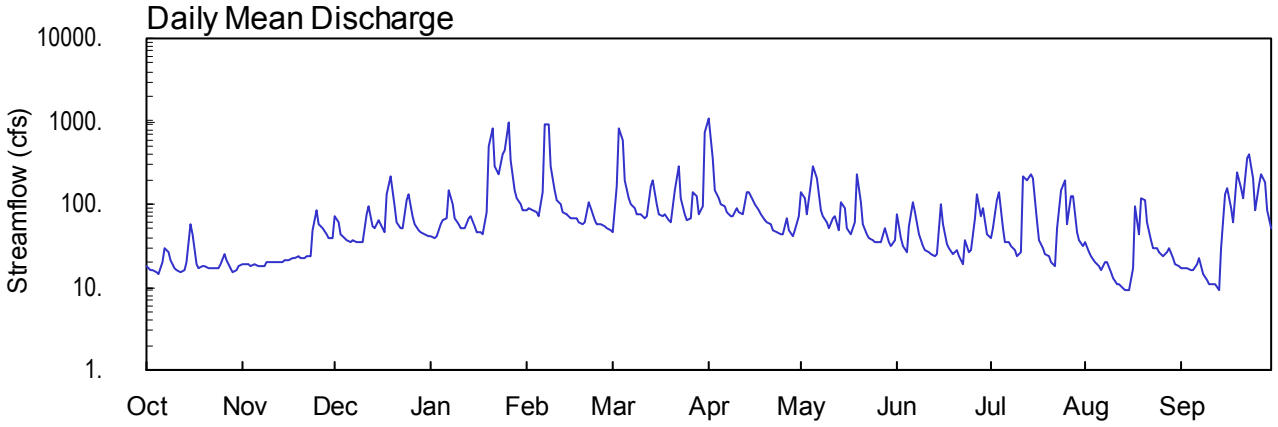
APALACHICOLA RIVER BASIN

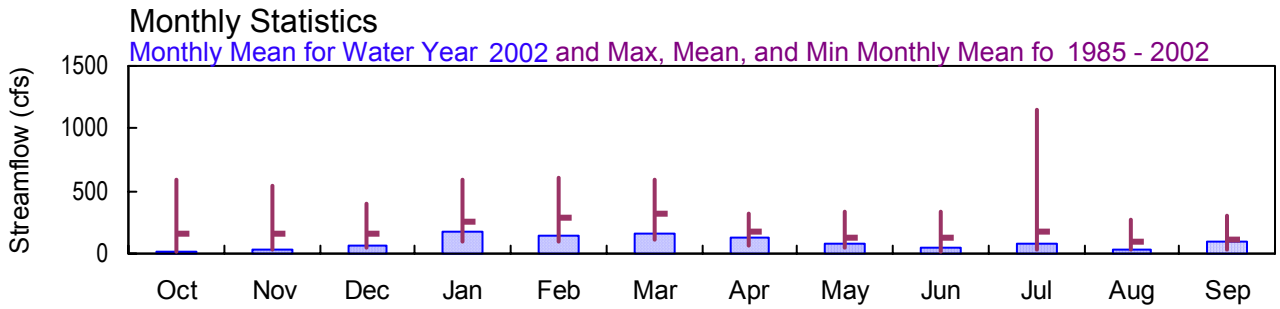
2002 Water Year

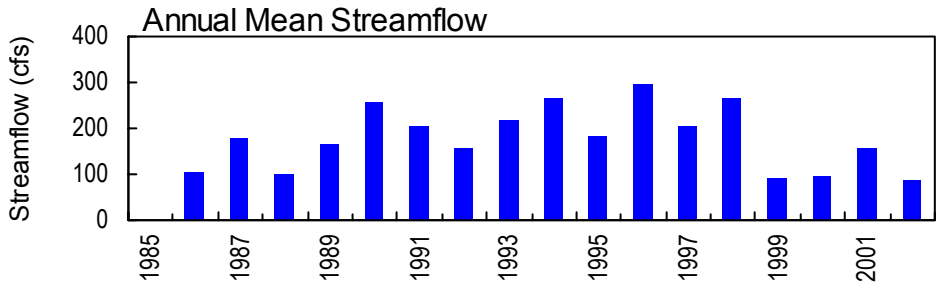
02344350 FLINT RIVER NEAR LOVEJOY, GA

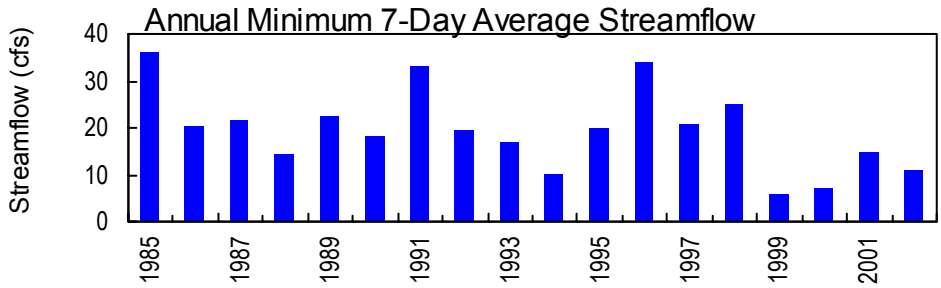
Latitude: 33°24'56" Longitude: 84°23'05" Hydrologic Unit Code: 03130005 Clayton County

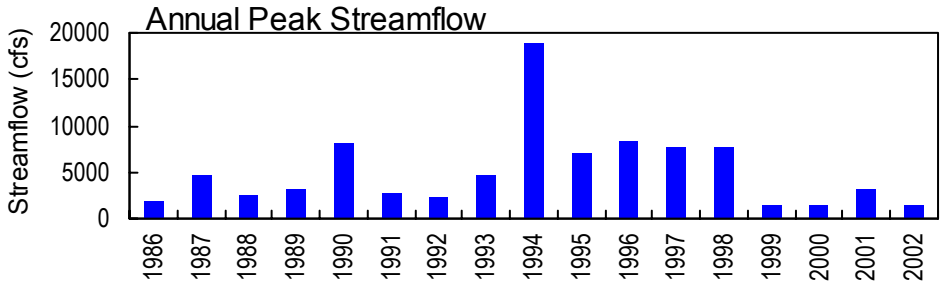
Drainage Area: 130. mi^2 Datum: 758.75 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02344350 FLINT RIVER NEAR LOVEJOY, GA

LOCATION.—Lat 33°24'56", long 84°23'05" referenced to North American Datum (NAD) of 1983, Clayton County, Hydrologic Unit 03130005, at the downstream side of bridge on North Bridge Road (revised), 0.7 miles upstream from Shoal Creek, 4.4 miles southwest of Lovejoy, 4.7 miles southeast of Fayetteville, and at mile 325.7.

DRAINAGE AREA.—130 mi^2.

COOPERATION.—Clayton County Water Authority.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1985 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 758.75 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Clayton County Water Authority).

REMARKS.—Records fair, except period of estimated discharge, which is poor. Discharge affected by diversion by the Clayton County Water Authority.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,300 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 7	2000	1,480	10.08
Mar. 31	2300	1,610*	10.44*

02344350 FLINT RIVER NEAR LOVEJOY, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1985 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 758.75 feet above sea level (levels by Clayton County Water Authority).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 10.44 feet, March 31; Minimum gage-height recorded, 1.22 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 10, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02344350 FLINT RIVER NEAR LOVEJOY, GA SOURCE AGENCY USGS STATE 13 COUNTY 063
LATITUDE 332456 LONGITUDE 0842305 NAD83 DRAINAGE AREA 130.00* CONTRIBUTING DRAINAGE AREA DATUM 758.75 NGVD29
Date Processed: 2003-03-11 12:34 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	19	70	41	85	46	1080	137	75	39	35	17
2	16	19	61	39	91	164	366	119	38	51	26	17
3	16	19	43	42	84	831	151	76	31	113	24	17
4	15	18	39	56	78	577	116	171	e26	141	20	16
5	14	19	36	64	73	193	101	283	e54	50	18	16
6	20	18	35	68	142	120	93	201	107	34	16	19
7	30	18	37	150	944	102	80	83	79	34	20	22
8	27	18	35	98	946	88	72	70	44	32	20	14
9	21	20	35	69	292	75	73	60	32	28	15	12
10	17	20	34	58	148	74	92	52	28	24	13	11
11	16	20	77	52	113	68	80	67	26	27	11	11
12	15	20	94	50	99	72	76	70	25	213	11	11
13	16	20	55	68	80	162	136	49	23	195	9.7	9.4
14	20	20	51	73	74	195	140	106	25	228	9.0	30
15	58	21	65	54	69	100	114	91	100	208	9.1	132
16	44	21	57	47	66	77	100	52	58	63	17	154
17	19	22	47	45	66	71	87	44	33	37	93	92
18	17	22	131	44	61	74	74	62	29	30	43	62
19	18	23	222	79	58	64	65	235	25	25	120	242
20	18	22	93	491	62	62	60	107	28	23	113	156
21	17	22	61	803	107	148	56	58	23	20	60	117
22	17	24	51	285	89	281	49	44	19	18	36	353
23	17	24	50	232	65	115	45	40	36	50	30	404
24	17	49	112	407	59	76	43	37	27	148	29	208
25	19	87	135	438	56	65	43	35	28	194	26	83
26	25	59	73	963	53	68	68	34	66	59	23	170
27	21	50	56	330	50	141	48	35	133	124	26	235
28	17	44	48	148	48	125	41	50	73	125	29	186
29	15	39	46	115	---	75	48	34	89	47	22	86
30	16	39	44	101	---	95	70	32	43	37	19	52
31	18	---	41	87	---	722	---	37	---	32	18	---
TOTAL	634	836	2034	5597	4158	5126	3667	2571	1423	2449	960.8	2954.4
MEAN	20.5	27.9	65.6	181	148	165	122	82.9	47.4	79.0	31.0	98.5
MAX	58	87	222	963	946	831	1080	283	133	228	120	404
MIN	14	18	34	39	48	46	41	32	19	18	9.0	9.4
CFSM	0.16	0.21	0.50	1.39	1.14	1.27	0.94	0.64	0.36	0.61	0.24	0.76
IN.	0.18	0.24	0.58	1.60	1.19	1.47	1.05	0.74	0.41	0.70	0.27	0.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2002, BY WATER YEAR (WY)

MEAN	158	162	165	258	290	320	177	121	121	169	90.9	105
MAX	584	549	396	590	614	591	320	340	328	1147	275	300
(WY)	1996	1993	1993	1996	1990	2001	1989	1991	2001	1994	1992	1994
MIN	19.8	26.5	53.2	98.7	93.2	112	68.5	55.0	21.0	30.3	25.3	30.7
(WY)	2002	2002	1989	1986	2000	1988	1999	1992	1988	1988	1999	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1985 - 2002	
ANNUAL TOTAL	53112		30122.0			
ANNUAL MEAN	146		82.5		178	
HIGHEST ANNUAL MEAN					294	1996
LOWEST ANNUAL MEAN					82.5	2002
HIGHEST DAILY MEAN	2450	Mar 16	1100	Apr 1	11000	Jul 5 1994
LOWEST DAILY MEAN	14	Aug 26	7.7	Sep 13	5.3	Sep 20 1999
ANNUAL SEVEN-DAY MINIMUM	15	Aug 24	11	Sep 7	5.9	Sep 14 1999
MAXIMUM PEAK FLOW			1610	Mar 31	19000	Jul 5 1994
MAXIMUM PEAK STAGE			10.44	Mar 31	23.60	Jul 5 1994
ANNUAL RUNOFF (CFSM)	1.12		0.63		1.37	
ANNUAL RUNOFF (INCHES)	15.20		8.62		18.60	
10 PERCENT EXCEEDS	348		158		358	
50 PERCENT EXCEEDS	51		45		85	
90 PERCENT EXCEEDS	17		17		26	

e Estimated

STATION NUMBER 02344350 FLINT RIVER NEAR LOVEJOY, GA SOURCE AGENCY USGS STATE 13 COUNTY 063
LATITUDE 332456 LONGITUDE 0842305 NAD83 DRAINAGE AREA 130.00* CONTRIBUTING DRAINAGE AREA DATUM 758.75 NGVD29
Date Processed: 2003-03-11 12:32 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.84	1.86	2.56	2.12	2.80	2.40	8.89	3.46	2.68	2.13	2.10	1.49
2	1.79	1.87	2.44	2.08	2.87	3.73	5.40	3.25	2.10	2.33	1.93	1.49
3	1.78	1.87	2.16	2.13	2.78	7.96	3.63	2.70	1.97	3.17	1.87	1.48
4	1.77	1.85	2.09	2.36	2.69	6.77	3.23	3.77	---	3.48	1.79	1.45
5	1.74	1.86	2.02	2.48	2.61	4.15	3.04	4.81	---	2.31	1.72	1.45
6	1.88	1.85	2.01	2.55	3.36	3.42	2.94	4.04	3.12	2.03	1.67	1.53
7	2.13	1.83	2.04	3.58	8.04	3.21	2.75	2.80	2.74	2.02	1.77	1.61
8	2.06	1.84	2.01	2.96	8.31	3.02	2.65	2.62	2.21	2.00	1.78	1.41
9	1.90	1.88	2.00	2.55	4.92	2.85	2.66	2.46	1.98	1.90	1.66	1.34
10	1.81	1.88	1.98	2.39	3.72	2.83	2.92	2.35	1.90	1.82	1.59	1.31
11	1.78	1.89	2.65	2.31	3.33	2.75	2.77	2.57	1.85	1.86	1.54	1.30
12	1.77	1.89	2.90	2.28	3.16	2.80	2.70	2.62	1.83	4.14	1.51	1.30
13	1.78	1.90	2.35	2.55	2.92	3.85	3.44	2.30	1.80	3.99	1.48	1.25
14	1.89	1.91	2.29	2.62	2.83	4.17	3.51	3.07	1.82	4.37	1.46	1.76
15	2.64	1.91	2.50	2.34	2.76	3.17	3.20	2.89	3.03	4.16	1.46	3.21
16	2.41	1.91	2.39	2.23	2.72	2.87	3.03	2.35	2.42	2.56	1.62	3.45
17	1.87	1.94	2.22	2.19	2.72	2.78	2.85	2.21	2.00	2.15	2.74	2.71
18	1.80	1.94	3.34	2.17	2.64	2.82	2.68	2.48	1.92	2.00	2.04	2.30
19	1.84	1.95	4.28	2.63	2.60	2.69	2.55	4.39	1.83	1.89	3.05	4.28
20	1.85	1.93	2.89	5.86	2.66	2.65	2.47	3.07	1.91	1.84	2.97	3.41
21	1.82	1.93	2.43	7.69	3.24	3.70	2.41	2.44	1.79	1.77	2.30	3.01
22	1.82	1.98	2.28	4.82	3.03	4.89	2.30	2.21	1.71	1.73	1.91	5.19
23	1.82	1.98	2.26	4.37	2.70	3.35	2.23	2.14	2.07	2.36	1.79	5.64
24	1.81	2.35	3.10	5.72	2.61	2.86	2.19	2.09	1.88	3.49	1.76	3.99
25	1.86	2.82	3.40	5.82	2.56	2.70	2.19	2.05	1.90	4.01	1.71	2.74
26	2.01	2.41	2.61	8.40	2.52	2.74	2.58	2.03	2.52	2.51	1.63	3.76
27	1.92	2.27	2.36	5.09	2.47	3.63	2.28	2.05	3.43	3.35	1.70	4.44
28	1.82	2.17	2.24	3.57	2.42	3.45	2.17	2.31	2.65	3.35	1.78	4.04
29	1.76	2.08	2.21	3.18	---	2.84	2.29	2.03	2.87	2.33	1.61	2.96
30	1.79	2.09	2.18	3.00	---	3.06	2.61	1.99	2.20	2.15	1.55	2.49
31	1.84	---	2.11	2.82	---	6.99	---	2.08	---	2.05	1.50	---
MEAN	1.89	1.99	2.46	3.45	3.29	3.58	3.02	2.70	---	2.62	1.84	2.59
MAX	2.64	2.82	4.28	8.40	8.31	7.96	8.89	4.81	---	4.37	3.05	5.64
MIN	1.74	1.83	1.98	2.08	2.42	2.40	2.17	1.99	---	1.73	1.46	1.25

STATION NUMBER 02344350 FLINT RIVER NEAR LOVEJOY, GA SOURCE AGENCY USGS STATE 13 COUNTY 063
LATITUDE 332456 LONGITUDE 0842305 NAD83 DRAINAGE AREA 130.00* CONTRIBUTING DRAINAGE AREA DATUM 758.75 NGVD29
Date Processed: 2003-03-11 12:32 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.15	0.01	0.05	0.03	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.97	0.00	0.00	0.00	0.61	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.25	0.00	0.44	0.00	0.01	0.00	0.00
4	0.00	0.00	0.00	0.04	0.00	0.00	0.00	1.61	---	0.01	0.00	0.00
5	0.01	0.00	0.00	0.11	0.00	0.00	0.00	0.01	---	0.00	0.00	0.17
6	0.53	0.00	0.00	0.44	2.09	0.00	0.00	0.00	0.28	0.28	0.25	0.01
7	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.24	0.18	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00
11	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00
12	0.00	0.00	0.00	0.35	0.00	0.44	0.20	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.09	0.01	0.00	0.03	0.28	0.60	0.02	0.73	0.00	0.69
14	0.61	0.00	0.01	0.00	0.00	0.00	0.03	0.00	0.09	0.00	0.03	0.38
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	---	0.64
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
17	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.05	0.00
18	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.76	0.00	0.00	0.65	0.07
19	0.00	0.00	0.00	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.33	0.98	0.00	0.00	0.00	0.00	0.00	0.23
21	0.00	0.00	0.00	0.19	0.01	0.48	0.00	0.00	0.00	0.14	0.00	0.58
22	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00
23	0.00	0.47	0.48	0.03	0.00	0.00	0.00	0.00	0.03	0.06	0.00	0.00
24	0.00	0.19	0.00	0.88	0.00	0.00	0.00	0.00	0.00	1.27	0.00	0.00
25	0.31	0.13	0.00	0.12	0.00	0.00	0.20	0.00	0.54	0.00	0.00	0.69
26	0.00	0.00	0.00	0.00	0.02	0.58	0.01	0.00	0.31	0.02	0.79	0.25
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.08
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.40	0.00	0.05	0.00	0.00	0.00
30	0.00	0.20	0.00	0.00	---	0.86	0.97	0.00	0.11	1.23	0.07	0.00
31	0.00	---	0.00	0.01	---	0.29	---	0.00	---	0.00	0.00	---
TOTAL	1.46	0.99	1.84	4.22	2.79	6.13	2.32	3.47	---	5.38	---	3.79

02344396 FLINT RIVER AT WOOLSEY ROAD, NEAR WOOLSEY, GA

LOCATION.-- Lat 33° 21'35", long 84°23'40" referenced to North American Datum (NAD) of 1927, Fayette County, Hydrologic Unit 03130005, 7.0 miles west of Hampton, 7.0 miles southeast of Fayetteville, downstream of Hampton Woolsey Road by 70 feet near right bank.

DRAINAGE AREA.—160 mi^2.

COOPERATION.—Fayette County Water System.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—May 3, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 769.29 feet above National Geodetic Vertical Datum (NGVD) of 1983.

RATING.--Rating Number 2, effective October 1, 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/03/01	38.96	25.5
04/11/02	39.24	69.0
06/05/02	38.86	21.3
08/13/02	38.76	8.96
08/19/02	39.22	65.3

02344397 FLINT RIVER BELOW WOOLSEY ROAD, NEAR WOOLSEY, GA

LOCATION.-- Lat 33° 21'34", long 84°23'40" referenced to North American Datum (NAD) of 1927, Clayton County, Hydrologic Unit 03130005, 7.0 miles west of Hampton, 7.0 miles southeast of Fayetteville, 150.0 feet downstream of bridge near left bank.

DRAINAGE AREA.—160 mi^2.

COOPERATION.—City of Griffin.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—May 3, 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 760.00 feet above National Geodetic Vertical Datum (NGVD) of 1983 (from topographic map).

RATING.--Rating Number 2, effective October 1, 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/03/01	5.14	25.5
04/11/02	5.43	69.0
06/05/02	5.04	21.3
08/13/02	4.95	8.96
08/19/02	5.42	65.3

APALACHICOLA RIVER BASIN
2002 Water Year

02344412 FLINT RIVER NEAR LOWRY, GA

LOCATION.—Lat 33°18'12", long 84°23'45" referenced to North American Datum (NAD) of 1927, Spalding-Fayette County line, Hydrologic Unit 03130005, 11.0 miles southeast of Fayetteville, 9.0 miles northwest of Griffin.

DRAINAGE AREA.— 195 mi^2.

COOPERATION.—City of Griffin.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.— May 1998 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 730.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 3, in effect October 1, 2000 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/11/01	2.28	16.7
04/11/02	3.48	95.0
06/05/02	2.42	28.2
08/14/02	1.79	11.3
08/19/02	2.14	19.6

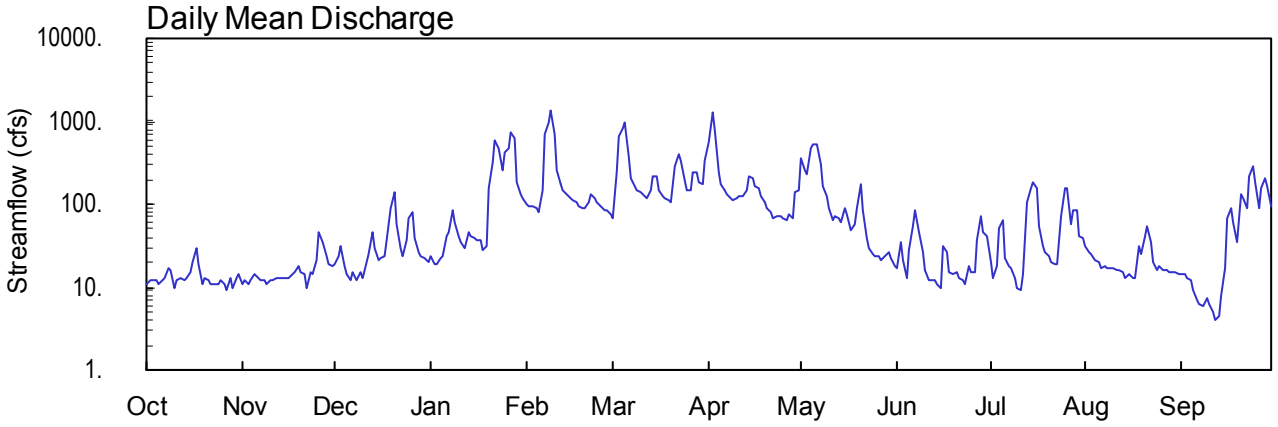
APALACHICOLA RIVER BASIN

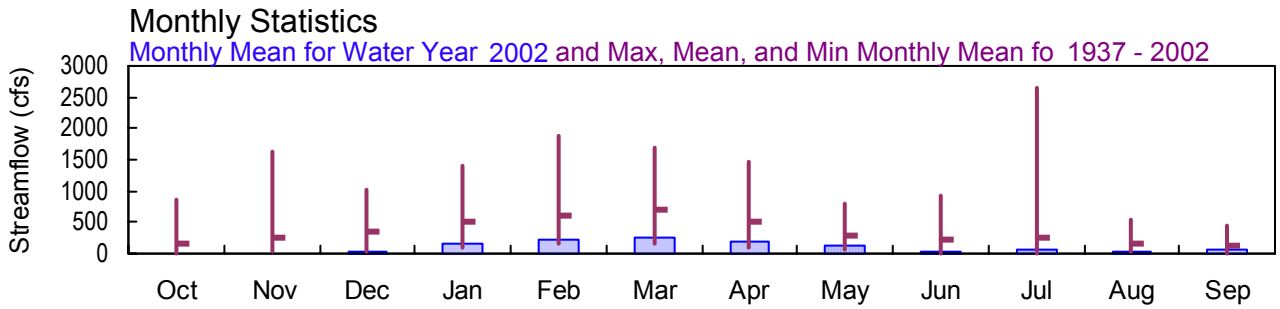
2002 Water Year

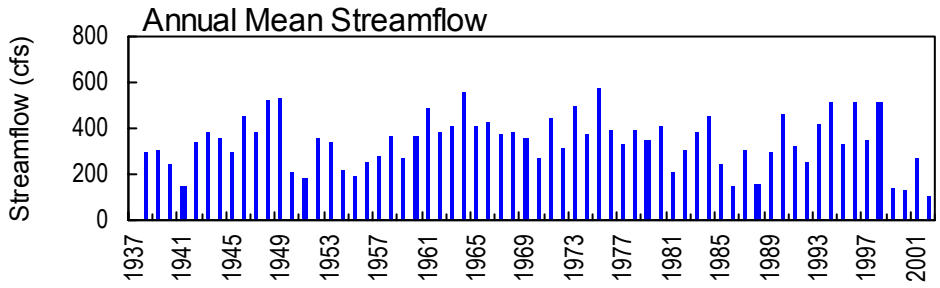
02344500 FLINT RIVER NEAR GRIFFIN, GA

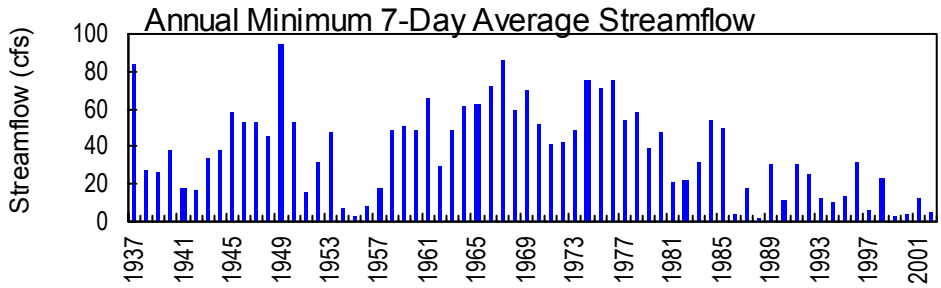
Latitude: 33°14'39" Longitude: 84°25'45" Hydrologic Unit Code: 03130005 Spalding County

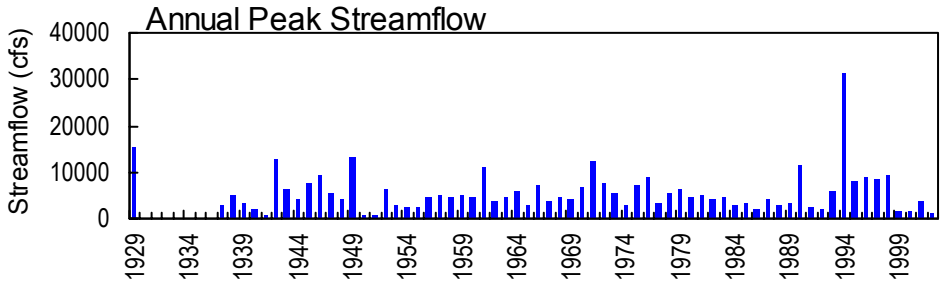
Drainage Area: 272. mi^2 Datum: 711.44 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02344500 FLINT RIVER NEAR GRIFFIN, GA

LOCATION.—Lat 33°14'39", long 84°25'45" referenced to North American Datum (NAD) of 1983, Spalding County, Hydrologic Unit 03130005, at downstream side of bridge pier on GA 16, 1.5 miles downstream from Shoal Creek, 5.5 miles upstream from Line Creek, 10.0 miles west of Griffin, and at mile 304.4.

DRAINAGE AREA.—272 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1937 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 711.44 feet above National Geodetic Vertical Datum (NGVD) of 1927 (levels by U.S. Army Corps of Engineers). Prior to August 25, 1938, a non-recording gage was located at present site at a datum 3.00 feet higher. From August 25, 1938, to May 5, 1941, a non-recording gage was located at the site and from May 6, 1941 to August 20, 1959, a water-stage recorder was located at the site. From August 21, 1959 to September 13, 1960, a non-recording gage was located at the site. All gage installations were located at present site and datum.

REMARKS.—Records good, except for discharges below 48.0 ft^3/s, which are fair, and for the period of estimated record, which is poor. Some diurnal fluctuation occurs at low flow.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of March 14 or 15, 1929, reached a stage of 17.9 feet, present datum, from flood marks located by local resident, discharge, 15,300 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 9	1200	1,400*	9.55*
Apr. 2	1430	1,400	9.55

02344500 FLINT RIVER NEAR GRIFFIN, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1937 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 711.44 feet above National Geodetic Vertical Datum (NGVD) of 1927 (levels by U.S. Army Corps of Engineers). Prior to August 25, 1938, a non-recording gage was located at present site at a datum 3.00 feet higher. From August 25, 1938, to May 5, 1941, a non-recording gage was located at the site and from May 6, 1941 to August 20, 1959, a water-stage recorder was located at the site. From August 21, 1959 to September 13, 1960, a non-recording gage was located at the site. All gage installations were located at present site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.55 feet, February 9, April 2; minimum gage-height recorded, 1.43 feet, September 12, 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 10, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02344500 FLINT RIVER NEAR GRIFFIN, GA SOURCE AGENCY USGS STATE 13 COUNTY 255
LATITUDE 331439 LONGITUDE 0842545 NAD83 DRAINAGE AREA 272.00* CONTRIBUTING DRAINAGE AREA DATUM 711.44 NGVD29
Date Processed: 2003-03-11 12:42 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	11	19	23	100	69	566	361	17	20	32	14
2	12	12	23	19	95	244	1260	259	34	13	26	14
3	12	11	31	19	93	665	785	233	21	18	25	13
4	12	12	18	22	90	832	242	481	13	52	21	12
5	11	14	14	23	82	998	174	514	28	65	20	9.2
6	12	13	12	41	145	374	151	517	53	22	17	7.0
7	13	12	15	45	688	203	135	307	84	18	18	6.2
8	17	12	12	84	957	168	117	161	46	17	17	5.9
9	16	11	15	61	1320	147	112	122	26	13	17	7.3
10	10	12	13	42	710	137	120	91	16	10	17	6.2
11	12	12	20	34	255	125	128	65	12	9.0	16	4.9
12	13	13	25	30	173	116	127	70	12	14	16	4.1
13	12	13	45	45	147	151	146	66	12	106	15	4.5
14	13	13	29	42	129	218	223	62	11	153	13	7.8
15	15	13	21	39	117	223	207	91	10	181	14	17
16	20	13	22	36	110	149	168	74	32	158	13	66
17	30	14	24	37	104	126	152	48	26	55	13	92
18	19	15	37	28	97	116	127	58	15	32	31	60
19	11	18	88	32	91	113	106	89	14	27	25	35
20	13	15	136	152	90	108	92	174	15	24	41	130
21	12	14	57	318	107	286	80	84	13	20	55	119
22	11	10	29	601	132	391	69	39	12	19	34	89
23	11	15	23	483	120	348	70	29	11	19	20	218
24	11	14	36	259	104	194	72	25	18	73	16	285
25	12	21	68	424	95	144	67	24	15	156	18	185
26	11	47	80	461	86	146	63	23	15	156	16	89
27	9.2	34	39	724	83	243	75	21	37	58	16	156
28	13	23	27	615	75	240	68	23	73	86	15	204
29	9.6	19	23	182	---	187	138	27	47	87	15	162
30	13	18	22	130	---	173	146	22	42	41	15	93
31	14	---	20	116	---	335	---	18	---	38	14	---
TOTAL	410.8	474	1043	5167	6395	7969	5986	4178	780	1760.0	641	2116.1
MEAN	13.3	15.8	33.6	167	228	257	200	135	26.0	56.8	20.7	70.5
MAX	30	47	136	724	1320	998	1260	517	84	181	55	285
MIN	9.2	10	12	19	75	69	63	18	10	9.0	13	4.1
CFSM	0.05	0.06	0.12	0.61	0.84	0.95	0.73	0.50	0.10	0.21	0.08	0.26
IN.	0.06	0.06	0.14	0.71	0.87	1.09	0.82	0.57	0.11	0.24	0.09	0.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	160	241	356	511	605	701	517	292	223	242	159	119
MAX	863	1641	1009	1390	1880	1685	1466	795	928	2644	548	437
(WY)	1996	1949	1984	1946	1961	1971	1964	1978	1963	1994	1967	1994
MIN	6.01	21.2	35.2	107	163	174	104	56.2	11.9	12.4	21.5	11.2
(WY)	1955	2002	2002	1956	1941	1988	1999	2000	1988	1988	2002	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	90345.0					
ANNUAL MEAN	248				346	
HIGHEST ANNUAL MEAN					573	1975
LOWEST ANNUAL MEAN					133	2000
HIGHEST DAILY MEAN	3460	Mar 16	1330	Feb 9	27000	Jul 6 1994
LOWEST DAILY MEAN	12	Sep 25	3.7	Sep 12	0.79	Jul 2 1988
ANNUAL SEVEN-DAY MINIMUM	13	Sep 30	5.2	Sep 7	1.8	Jun 27 1988
MAXIMUM PEAK FLOW			1400	Feb 9	32500	Jul 6 1994
MAXIMUM PEAK STAGE			9.55	Feb 9	24.22	Jul 6 1994
ANNUAL RUNOFF (CFSM)	0.91				1.27	
ANNUAL RUNOFF (INCHES)	12.36				17.26	
10 PERCENT EXCEEDS	613				720	
50 PERCENT EXCEEDS	80				184	
90 PERCENT EXCEEDS	15				54	

STATION NUMBER 02344500 FLINT RIVER NEAR GRIFFIN, GA SOURCE AGENCY USGS STATE 13 COUNTY 255
LATITUDE 331439 LONGITUDE 0842545 NAD83 DRAINAGE AREA 272.00* CONTRIBUTING DRAINAGE AREA DATUM 711.44 NGVD29
Date Processed: 2003-03-11 12:40 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.00	2.12	2.46	2.57	3.40	2.89	6.41	5.33	2.34	2.43	2.37	1.89
2	2.03	2.12	2.54	2.46	3.33	4.31	9.14	4.65	2.76	2.22	2.23	1.87
3	2.02	2.12	2.75	2.45	3.29	6.90	7.31	4.41	2.47	2.37	2.20	1.86
4	2.03	2.14	2.44	2.55	3.23	7.61	4.52	6.01	2.23	3.07	2.10	1.80
5	2.01	2.23	2.29	2.58	3.12	8.24	3.97	6.18	2.63	3.23	2.08	1.70
6	2.05	2.18	2.24	2.97	3.66	5.34	3.76	6.21	3.06	2.50	1.99	1.60
7	2.07	2.16	2.34	3.03	7.00	4.21	3.60	5.01	3.46	2.39	2.00	1.56
8	2.21	2.16	2.23	3.51	8.10	3.92	3.41	4.01	2.99	2.34	1.97	1.54
9	2.18	2.13	2.35	3.26	9.31	3.71	3.35	3.70	2.59	2.23	1.98	1.62
10	1.99	2.15	2.26	2.99	6.98	3.62	3.45	3.45	2.32	2.13	1.98	1.56
11	2.07	2.16	2.49	2.84	4.61	3.50	3.53	3.25	2.18	2.06	1.96	1.49
12	2.09	2.18	2.59	2.76	3.96	3.40	3.52	3.32	2.17	2.25	1.94	1.44
13	2.06	2.21	3.04	3.04	3.72	3.76	3.70	3.27	2.17	3.39	1.90	1.46
14	2.11	2.22	2.72	2.98	3.54	4.33	4.38	3.23	2.16	3.83	1.87	1.62
15	2.18	2.19	2.53	2.94	3.41	4.38	4.25	3.53	2.12	4.09	1.88	1.94
16	2.33	2.20	2.56	2.87	3.33	3.74	3.92	3.36	2.71	3.86	1.85	2.80
17	2.59	2.26	2.61	2.90	3.27	3.51	3.77	3.04	2.58	2.76	1.83	3.16
18	2.31	2.28	2.90	2.72	3.19	3.40	3.52	3.15	2.28	2.37	2.31	2.78
19	2.06	2.39	3.55	2.79	3.12	3.37	3.29	3.51	2.25	2.26	2.21	2.36
20	2.10	2.28	4.01	4.11	3.11	3.30	3.14	4.30	2.28	2.17	2.50	3.52
21	2.08	2.25	3.19	5.27	3.30	4.76	3.01	3.45	2.21	2.07	2.78	3.41
22	2.08	2.12	2.73	6.72	3.57	5.51	2.89	2.87	2.17	2.03	2.39	3.09
23	2.07	2.29	2.59	6.12	3.44	5.24	2.89	2.67	2.16	2.05	2.06	4.30
24	2.05	2.26	2.86	4.88	3.26	4.14	2.92	2.59	2.37	2.90	1.96	4.81
25	2.10	2.47	3.33	5.83	3.17	3.69	2.86	2.56	2.29	3.86	2.01	3.98
26	2.07	3.04	3.46	6.02	3.07	3.70	2.81	2.51	2.27	3.85	1.93	3.06
27	2.00	2.81	2.92	7.22	3.04	4.53	2.95	2.46	2.81	2.80	1.94	3.75
28	2.17	2.54	2.67	6.66	2.96	4.50	2.87	2.52	3.36	3.14	1.90	4.19
29	2.03	2.43	2.57	4.23	---	4.08	3.62	2.63	3.02	3.15	1.92	3.82
30	2.15	2.42	2.54	3.75	---	3.95	3.66	2.50	2.92	2.54	1.91	3.11
31	2.18	---	2.49	3.59	---	5.16	---	2.39	---	2.49	1.88	---
MEAN	2.11	2.28	2.72	3.83	4.02	4.41	3.88	3.62	2.51	2.74	2.06	2.57
MAX	2.59	3.04	4.01	7.22	9.31	8.24	9.14	6.21	3.46	4.09	2.78	4.81
MIN	1.99	2.12	2.23	2.45	2.96	2.89	2.81	2.39	2.12	2.03	1.83	1.44

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02344500 FLINT RIVER NEAR GRIFFIN, GA SOURCE AGENCY USGS STATE 13 COUNTY 255
LATITUDE 331439 LONGITUDE 0842545 NAD83 DRAINAGE AREA 272.00* CONTRIBUTING DRAINAGE AREA DATUM 711.44 NGVD29
Date Processed: 2003-03-11 12:40 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.00	0.11	0.03	0.01	0.01	0.00	0.00	0.01	0.00
2	0.00	0.00	0.00	0.00	0.00	2.37	0.00	0.00	0.00	0.86	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.25	0.03	1.67	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.42	0.78	0.02	0.00	0.00
5	0.01	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.32	0.00	0.00	0.00
6	0.27	0.00	0.00	0.41	2.45	0.00	0.00	0.00	1.27	0.38	0.01	0.00
7	0.00	0.00	0.06	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.16	0.24	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
12	0.01	0.00	0.00	0.63	0.00	0.39	0.70	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.12	0.01	0.00	0.01	0.67	0.26	0.12	0.91	0.00	0.94
14	0.88	0.00	0.02	0.00	0.00	0.00	0.07	0.00	0.19	0.01	0.31	0.47
15	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.04	0.19	0.31
16	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75
18	0.00	0.00	0.00	0.06	0.00	0.00	0.00	1.14	0.00	0.00	0.01	0.01
19	0.00	0.00	0.00	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.01	0.00	0.00	0.29	0.85	0.00	0.00	0.00	0.00	0.20	0.34
21	0.00	0.00	0.00	0.20	0.00	0.71	0.00	0.00	0.00	0.24	0.00	0.56
22	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00
23	0.00	0.01	0.52	0.01	0.00	0.00	0.00	0.00	0.04	1.03	0.00	0.00
24	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	1.38	0.37	0.00
25	0.02	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.03	0.02	0.01	0.70
26	0.00	0.00	0.00	0.00	0.02	1.12	0.07	0.00	0.75	0.00	0.68	0.26
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.01	0.14
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	1.94	0.00	0.00	0.00	0.00	0.00
30	0.00	0.01	0.00	0.00	---	0.91	1.27	0.00	0.01	0.09	0.01	0.00
31	0.00	---	0.00	0.00	---	0.29	---	0.00	---	0.01	0.01	---
TOTAL	1.19	0.03	2.17	4.00	3.12	7.09	5.10	3.50	4.01	5.20	1.83	4.48

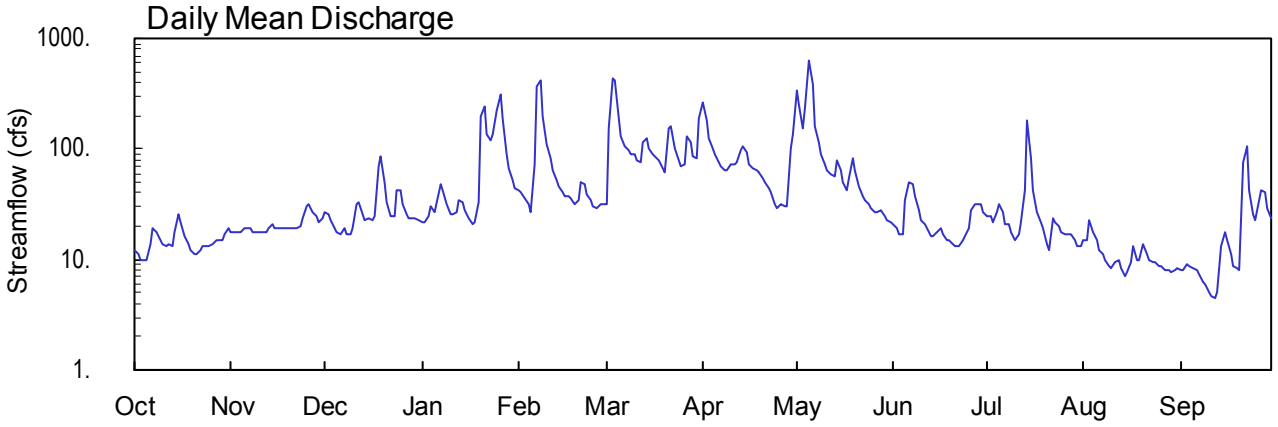
APALACHICOLA RIVER BASIN

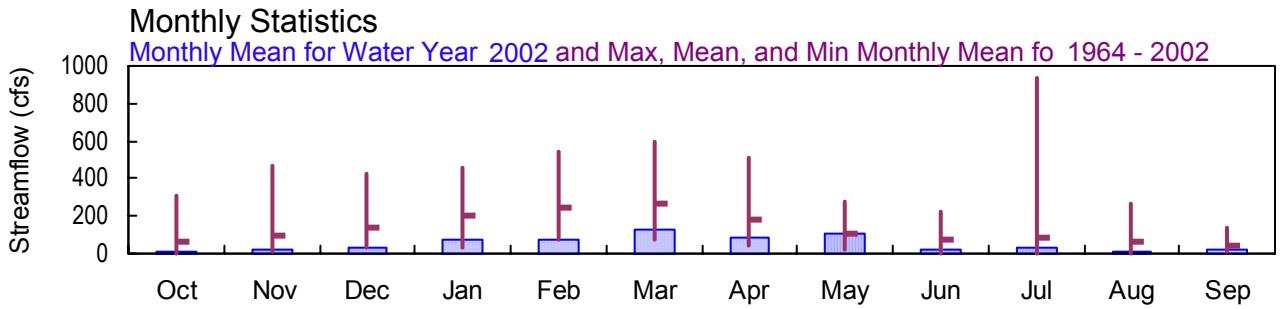
2002 Water Year

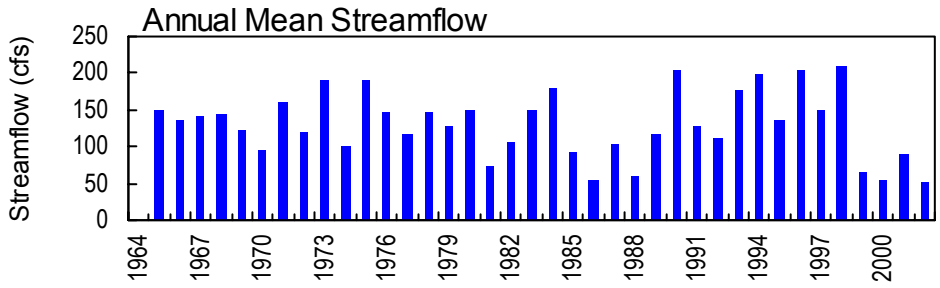
02344700 LINE CREEK NEAR SENOIA, GA

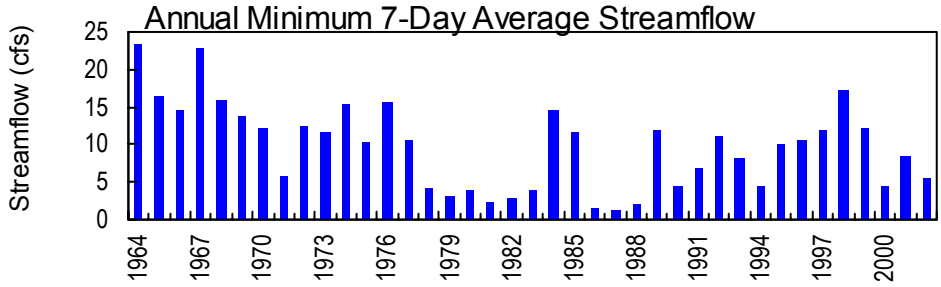
Latitude: 33°19'09" Longitude: 84°31'20" Hydrologic Unit Code: 03130005 Coweta County

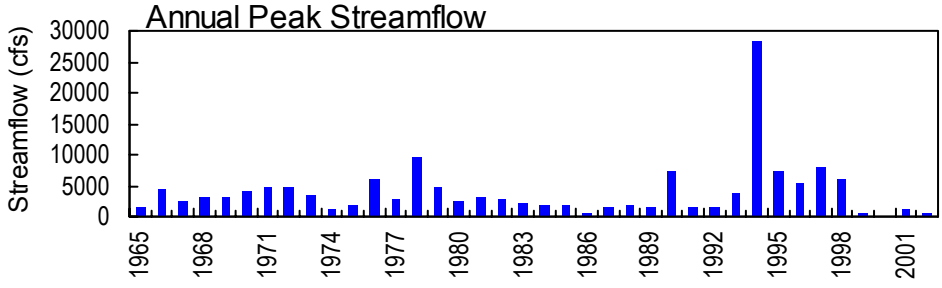
Drainage Area: 101. mi^2 Datum: 729.27 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02344700 LINE CREEK NEAR SENOIA, GA

LOCATION.—Lat 33°19'10", long 84°31'25", Coweta-Fayette County line, Hydrologic Unit 03130005, on downstream side of bridge on GA 85, 2.2 miles northeast of Senoia, 4.1 miles upstream from Whitewater Creek, and 11.2 miles upstream from mouth.

DRAINAGE AREA.—101 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—September 1964 to current year.

REVISED RECORDS.—WDR GA-87-1: 1986 (m).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 729.50 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,000 ft^3/s and maximum (*): [Note, peak discharge of year is unknown due to missing record for both the 2000 and 2001 water years]

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
May 5	1345	783*	7.80*

WATER-STAGE RECORDS

PERIOD OF RECORD.—September 1964 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 729.50 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.80 feet, May 5; minimum gage-height recorded, 1.00 feet, September 12.

02344700 LINE CREEK NEAR SENOIA, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 27, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02344700 LINE CREEK NEAR SENOIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 077
LATITUDE 331909 LONGITUDE 0843120 NAD83 DRAINAGE AREA 101.00 CONTRIBUTING DRAINAGE AREA 101.00* DATUM 729.27 NGVD29
Date Processed: 2003-03-11 12:43 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	18	27	22	42	31	267	345	21	25	15	8.1
2	11	18	26	22	41	152	184	249	19	25	15	8.0
3	10	18	23	25	36	432	126	153	17	22	23	9.1
4	9.9	18	19	30	31	411	103	229	17	27	18	8.8
5	9.9	19	18	27	27	190	89	645	34	31	15	8.3
6	14	19	17	33	74	131	76	377	49	27	12	8.0
7	19	19	19	47	368	107	69	157	48	21	11	7.3
8	18	18	17	42	417	96	64	114	38	21	9.7	6.3
9	16	18	17	31	197	89	65	89	28	18	8.7	6.0
10	14	18	19	26	108	88	74	73	23	15	8.4	5.1
11	13	18	32	26	81	80	72	65	21	17	9.3	4.7
12	14	18	33	27	64	76	75	60	19	22	10	4.4
13	13	19	26	34	53	115	97	56	16	42	8.5	5.0
14	18	21	23	33	46	124	106	79	16	184	7.0	13
15	26	19	24	28	40	102	93	64	18	81	7.8	18
16	22	19	23	24	38	88	74	51	19	42	9.6	15
17	16	19	25	21	37	83	67	43	17	27	13	11
18	14	19	71	22	36	79	65	54	15	22	10	8.8
19	12	19	85	33	32	66	61	83	15	19	9.7	8.2
20	11	19	51	200	35	61	54	64	14	14	14	8.1
21	11	19	33	241	49	154	49	46	13	12	11	76
22	12	19	25	134	47	161	44	38	13	24	10	104
23	13	20	25	121	39	103	40	34	15	22	9.6	42
24	13	24	42	136	34	79	32	31	16	20	9.3	26
25	13	30	42	227	30	69	29	29	19	18	8.6	23
26	14	32	32	314	29	72	31	27	28	17	8.7	35
27	15	27	26	190	32	131	30	27	31	17	8.0	43
28	15	25	24	90	32	117	30	28	32	17	7.9	41
29	15	22	24	66	---	86	101	25	31	15	7.6	29
30	17	24	24	53	---	83	134	23	27	13	7.9	24
31	19	---	23	45	---	190	---	22	---	13	8.2	---
TOTAL	449.8	615	915	2370	2095	3846	2401	3380	689	890	331.5	614.2
MEAN	14.5	20.5	29.5	76.5	74.8	124	80.0	109	23.0	28.7	10.7	20.5
MAX	26	32	85	314	417	432	267	645	49	184	23	104
MIN	9.9	18	17	21	27	31	29	22	13	12	7.0	4.4
CFSM	0.14	0.20	0.29	0.76	0.74	1.23	0.79	1.08	0.23	0.28	0.11	0.20
IN.	0.17	0.23	0.34	0.87	0.77	1.42	0.88	1.24	0.25	0.33	0.12	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2002, BY WATER YEAR (WY)

MEAN	66.5	101	139	207	248	266	176	110	75.3	83.0	59.8	38.9
MAX	306	465	425	460	547	597	509	281	219	933	261	138
(WY)	1990	1993	1984	1990	1995	1971	1979	1978	2001	1994	1992	1994
MIN	4.12	13.8	29.5	36.0	74.8	71.8	43.7	21.0	4.63	3.15	3.93	5.32
(WY)	1979	1982	2002	1981	2002	1988	1986	2000	1988	1988	1986	1986

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1964 - 2002	
ANNUAL TOTAL	31655.8		18970.5			
ANNUAL MEAN	86.7		52.0		130	
HIGHEST ANNUAL MEAN					210	1998
LOWEST ANNUAL MEAN					52.0	2002
HIGHEST DAILY MEAN	985	Mar 16	645	May 5	15000	Jul 5 1994
LOWEST DAILY MEAN	9.9	Oct 4	4.4	Sep 12	1.0	Oct 7 1986
ANNUAL SEVEN-DAY MINIMUM	12	Sep 30	5.5	Sep 7	1.3	Oct 1 1986
MAXIMUM PEAK FLOW			783	May 5	28400	Jul 5 1994
MAXIMUM PEAK STAGE			7.80	May 5	20.10	Jul 5 1994
ANNUAL RUNOFF (CFSM)	0.86		0.51		1.29	
ANNUAL RUNOFF (INCHES)	11.66		6.99		17.52	
10 PERCENT EXCEEDS	216		112		270	
50 PERCENT EXCEEDS	37		26		67	
90 PERCENT EXCEEDS	15		10		15	

STATION NUMBER 02344700 LINE CREEK NEAR SENOIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 077
LATITUDE 331909 LONGITUDE 0843120 NAD83 DRAINAGE AREA 101.00 CONTRIBUTING DRAINAGE AREA 101.00* DATUM 729.27 NGVD29
Date Processed: 2003-03-11 12:43 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.45	1.59	1.80	1.68	2.06	1.86	4.96	5.68	1.44	1.56	1.36	1.15
2	1.41	1.58	1.76	1.69	2.04	3.48	4.00	4.71	1.40	1.55	1.35	1.15
3	1.40	1.59	1.70	1.75	1.95	6.31	3.23	3.59	1.36	1.47	1.55	1.19
4	1.39	1.59	1.62	1.84	1.86	6.13	2.88	4.53	1.34	1.60	1.43	1.18
5	1.39	1.60	1.58	1.78	1.80	4.07	2.65	7.27	1.73	1.67	1.35	1.16
6	1.49	1.61	1.57	1.89	2.48	3.30	2.45	5.77	2.01	1.59	1.29	1.15
7	1.61	1.60	1.60	2.15	5.85	2.95	2.34	3.66	1.99	1.45	1.25	1.12
8	1.58	1.59	1.57	2.06	6.22	2.76	2.26	3.05	1.82	1.45	1.21	1.09
9	1.53	1.58	1.56	1.86	4.18	2.66	2.28	2.66	1.61	1.37	1.17	1.08
10	1.48	1.59	1.61	1.78	3.08	2.64	2.41	2.41	1.50	1.31	1.16	1.05
11	1.48	1.59	1.89	1.78	2.67	2.51	2.39	2.28	1.45	1.35	1.19	1.03
12	1.50	1.58	1.90	1.78	2.41	2.45	2.43	2.20	1.39	1.47	1.22	1.02
13	1.48	1.60	1.77	1.92	2.24	3.07	2.79	2.14	1.33	1.87	1.16	1.05
14	1.58	1.65	1.71	1.90	2.13	3.19	2.94	2.49	1.33	3.98	1.11	1.28
15	1.77	1.62	1.73	1.81	2.03	2.86	2.72	2.27	1.37	2.53	1.14	1.42
16	1.67	1.61	1.71	1.73	1.99	2.63	2.41	2.06	1.39	1.90	1.20	1.35
17	1.55	1.61	1.74	1.66	1.97	2.55	2.30	1.91	1.35	1.61	1.30	1.24
18	1.48	1.61	2.52	1.68	1.96	2.49	2.29	2.09	1.31	1.50	1.22	1.18
19	1.46	1.61	2.74	1.88	1.89	2.29	2.21	2.56	1.30	1.43	1.21	1.16
20	1.43	1.61	2.20	4.25	1.93	2.21	2.11	2.25	1.27	1.31	1.34	1.15
21	1.43	1.62	1.89	4.70	2.18	3.60	2.01	1.96	1.24	1.27	1.25	2.41
22	1.45	1.61	1.75	3.44	2.14	3.71	1.92	1.82	1.24	1.56	1.23	2.89
23	1.47	1.62	1.75	3.26	2.00	2.89	1.84	1.73	1.31	1.52	1.21	1.89
24	1.47	1.74	2.06	3.47	1.92	2.50	1.69	1.68	1.32	1.46	1.19	1.57
25	1.48	1.84	2.07	4.53	1.85	2.34	1.63	1.63	1.41	1.41	1.17	1.50
26	1.49	1.88	1.88	5.41	1.83	2.39	1.67	1.60	1.62	1.41	1.17	1.75
27	1.50	1.79	1.77	4.09	1.88	3.30	1.65	1.59	1.68	1.40	1.15	1.90
28	1.51	1.74	1.72	2.82	1.88	3.09	1.66	1.62	1.70	1.40	1.14	1.87
29	1.53	1.69	1.72	2.44	---	2.61	2.84	1.56	1.68	1.37	1.13	1.64
30	1.56	1.73	1.74	2.24	---	2.57	3.31	1.50	1.60	1.31	1.14	1.52
31	1.62	---	1.69	2.11	---	4.08	---	1.47	---	1.30	1.15	---
MEAN	1.50	1.64	1.82	2.50	2.44	3.08	2.48	2.70	1.48	1.59	1.23	1.40
MAX	1.77	1.88	2.74	5.41	6.22	6.31	4.96	7.27	2.01	3.98	1.55	2.89
MIN	1.39	1.58	1.56	1.66	1.80	1.86	1.63	1.47	1.24	1.27	1.11	1.02

STATION NUMBER 02344700 LINE CREEK NEAR SENOIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 077
LATITUDE 331909 LONGITUDE 0843120 NAD83 DRAINAGE AREA 101.00 CONTRIBUTING DRAINAGE AREA 101.00* DATUM 729.27 NGVD29
Date Processed: 2003-03-11 12:43 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	0.03	0.02	0.01	0.00	0.00	0.00
2	---	---	---	---	---	---	0.01	0.02	0.00	0.14	0.02	0.00
3	---	---	---	---	---	---	0.00	1.21	0.00	0.03	0.00	0.00
4	---	---	---	---	---	---	0.04	0.18	0.70	0.13	0.00	0.00
5	---	---	---	---	---	---	0.00	0.01	0.69	0.01	0.00	0.00
6	---	---	---	---	---	---	0.00	0.01	0.03	---	0.01	0.00
7	---	---	---	---	---	---	0.00	0.01	0.00	---	0.00	0.00
8	---	---	---	---	---	---	0.00	0.02	0.00	---	0.01	0.00
9	---	---	---	---	---	---	0.17	0.00	0.00	---	0.00	0.01
10	---	---	---	---	---	---	0.00	0.00	0.01	---	0.00	0.00
11	---	---	---	---	---	---	0.01	0.00	0.01	---	0.00	0.00
12	---	---	---	---	---	---	0.48	0.00	0.02	---	0.00	0.00
13	---	---	---	---	---	---	0.17	0.29	0.19	---	0.00	0.94
14	---	---	---	---	---	---	0.03	0.00	0.14	---	0.04	0.70
15	---	---	---	---	---	---	0.00	0.00	0.00	---	0.08	0.40
16	---	---	---	---	---	---	0.00	0.01	0.00	---	0.01	0.01
17	---	---	---	---	---	---	0.00	0.22	0.00	0.02	0.00	0.00
18	---	---	---	---	---	---	0.01	0.78	0.00	0.00	0.04	0.02
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.01	0.69
21	---	---	---	---	---	---	0.00	0.00	0.00	0.33	0.01	1.20
22	---	---	---	---	---	---	0.01	0.00	0.44	0.02	0.00	0.01
23	---	---	---	---	---	---	0.00	0.01	0.04	0.37	0.00	0.01
24	---	---	---	---	---	---	0.00	0.01	0.01	0.79	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.24	0.01	0.00	0.70
26	---	---	---	---	---	---	0.06	0.02	0.41	0.04	0.05	0.22
27	---	---	---	---	---	0.00	0.01	0.02	0.05	0.00	0.00	0.22
28	---	---	---	---	---	0.00	0.00	0.00	0.09	0.06	0.00	0.00
29	---	---	---	---	---	0.01	1.70	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	0.84	1.66	0.00	0.00	0.11	0.11	0.00
31	---	---	---	---	---	0.34	---	0.03	---	0.02	0.01	---
TOTAL	---	---	---	---	---	---	4.39	2.87	3.08	---	0.40	5.13

APALACHICOLA RIVER BASIN
2002 Water Year

02346195 LAZAR CREEK AT GA 41, NEAR TALBOTTON, GA

LOCATION.—Lat 32°44'33", long 84°33'20" referenced to North American Datum (NAD) of 1927, Talbot County, Hydrologic Unit 03130005, at GA 41, 5.0 miles north of Talbotton.

DRAINAGE AREA.—81.3 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1981, 1984 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 500.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 24.10 feet, March 17, 1990
DISCHARGE: 36,100 ft^3/s, March 17, 1990

MAXIMUM FOR CURRENT YEAR.—

STAGE: <8.36 feet, Not determined, peak below bottom of gage
DISCHARGE: <1,420 ft^3/s, Not determined, peak below bottom of gage

APALACHICOLA RIVER BASIN
2002 Water Year

02346217 COLEOATCHEE CREEK NEAR MANCHESTER, GA
(previously published as Celeoth Creek near Manchester, GA)

LOCATION.—Lat 32°49'20", long 84°36'16" referenced to North American Datum (NAD) of 1927, Talbot County, Hydrologic Unit 03130005, at culvert on County Road 39, 1.2 miles southeast of Manchester.

DRAINAGE AREA.—2.82 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1969 to 1986, 1988 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 779.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—

STAGE: 8.31 feet, March 16, 1990
DISCHARGE: 1,750 ft^3/s, March 16, 1990

MAXIMUM FOR CURRENT YEAR.—

STAGE: <1.58 feet, Not determined, peak below bottom of gage
DISCHARGE: <130 ft^3/s, Not determined, peak below bottom of gage

APALACHICOLA RIVER BASIN
2002 Water Year

02346475 POTATO CREEK NORTHWEST OF THOMASTON, GA

LOCATION.— Lat 32°54'38", long. 84°21'25" referenced to North American Datum (NAD) of 1927, Upson County, Hydrologic Unit 03130005, 0.5 miles upstream from Basin Creek, 0.5 miles downstream from Tenmile Creek, and 2.4 miles northwest of Thomaston.

DRAINAGE AREA.—178.0 mi^2.

COOPERATION.—City of Thomaston.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—August 1984 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 622 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 3, effective August 29, 1990 to September 30, 2002.

REMARKS.--Records fair only due to poor available sections for standard measuring methods. Measurements for the current water year are as follows:

DATE	GAGE HEIGHT (feet)	DISCHARGE (ft^3/s)
10/04/01	1.05	7.80
12/05/01	1.42	28.8
06/11/02	1.43	28.9
09/05/02	0.91	9.35

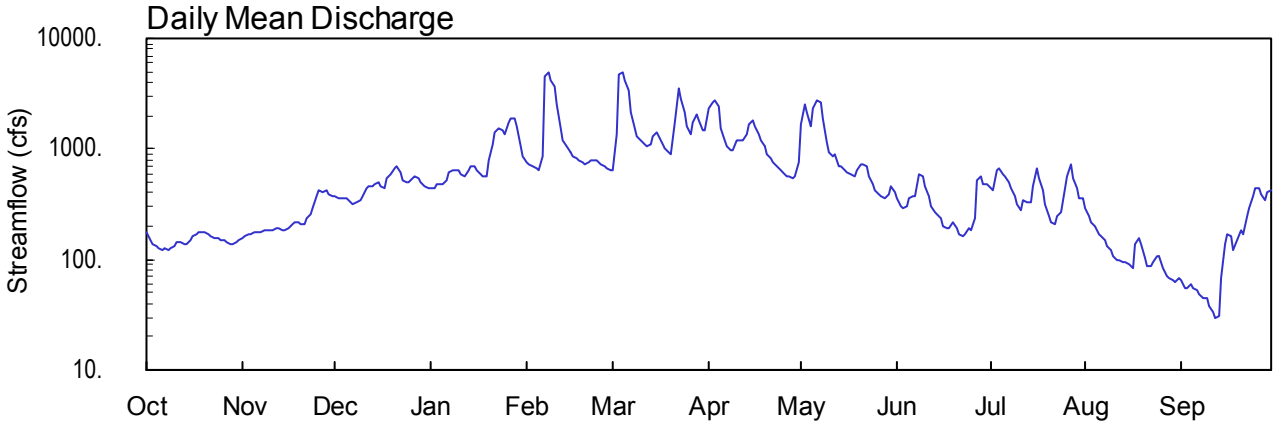
APALACHICOLA RIVER BASIN

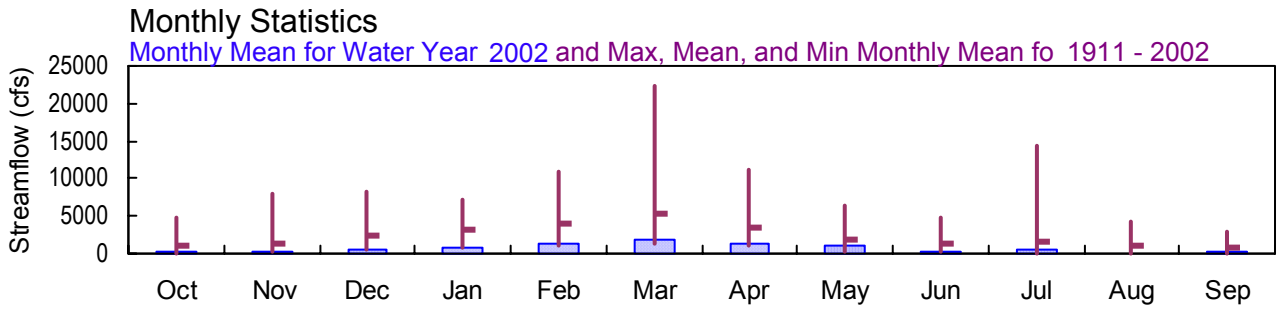
2002 Water Year

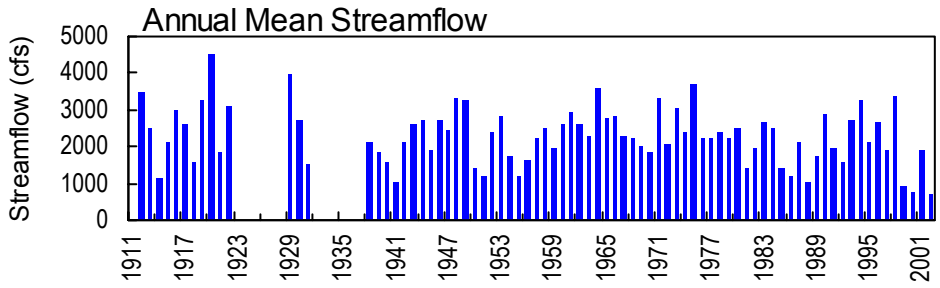
02347500 FLINT RIVER NEAR CULLODEN, GA

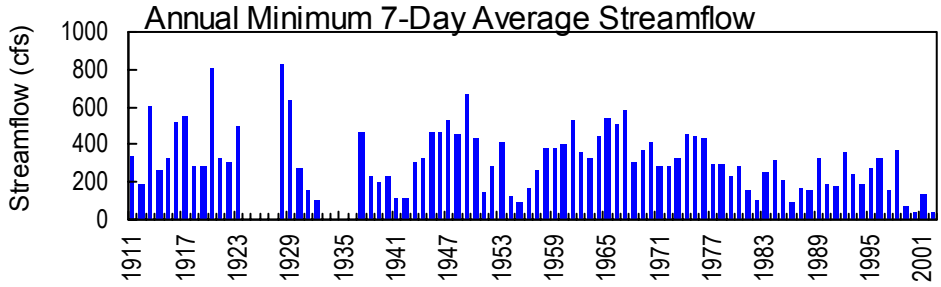
Latitude: 32°43'17" Longitude: 84°13'57" Hydrologic Unit Code: 03130005 Upson County

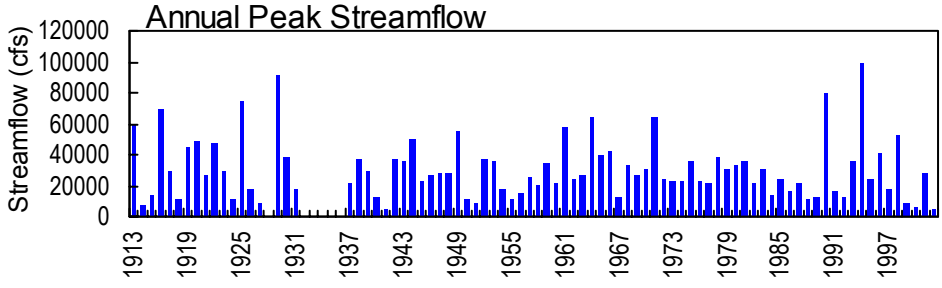
Drainage Area: 1,850. mi^2 Datum: 334.54 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02347500 FLINT RIVER NEAR CULLODEN, GA

LOCATION.—Lat 32°43'17", long 84°13'57" referenced to North American Datum (NAD) of 1927, Taylor-Upson County line, Hydrologic Unit 03130005, on left bank underneath bridge on US 19, 4.0 miles upstream from Auchumpkee Creek, 5.0 miles downstream from Swift Creek, 13.0 miles southwest of Culloden, and at mile 238.4.

DRAINAGE AREA.—1,850 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 1911 to May 1923, July 1928 to December 1931, March 1937 to current year.

REVISED RECORDS.—WSP 697: 1911-23. WSP 1002: 1943. WSP 1504: 1913, 1916-17, 1918(M), 1919-22, 1923(M), drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 334.54 feet above National Geodetic Vertical Datum (NGVD) of 1929. From July 1, 1911 to October 11, 1918, a non-recording gage was installed. From October 12, 1918 to May 31, 1923, a water-stage recorder was located at a site 2.5 miles downstream at different datum. From July 21, 1928 to December 31, 1931, and from March 18, 1937 to May 3, 1939, a non-recording gage was located at present site and datum.

REMARKS.—Records good, except those below 100 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 11,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 3	2130	5,530*	8.42*

02347500 FLINT RIVER NEAR CULLODEN, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1911 to May 1923, July 1928 to December 1931, March 1937 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 334.54 feet above National Geodetic Vertical Datum (NGVD) of 1929. From July 1, 1911 to October 11, 1918, a non-recording gage was installed. From October 12, 1918 to May 31, 1923, a water-stage recorder was located at a site 2.5 miles downstream at different datum. From July 21, 1928 to December 31, 1931, and from March 18, 1937 to May 3, 1939, a non-recording gage was located at present site and datum.

REMARKS.—Records good.

EXTREMES FOR THE CURRENT YEAR.—Maximum gage-height recorded, 8.42 feet, March 3; minimum gage-height recorded, 0.33 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 20, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02347500 FLINT RIVER NEAR CULLODEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 293
LATITUDE 324317 LONGITUDE 0841357 NAD83 DRAINAGE AREA 1850.00* CONTRIBUTING DRAINAGE AREA DATUM 334.54 NGVD29
Date Processed: 2003-03-10 09:47 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	177	157	366	441	772	633	2370	1660	361	434	297	65
2	149	162	354	444	734	1360	2650	2530	306	428	247	56
3	139	170	357	473	699	4670	2800	2130	287	630	221	56
4	131	172	351	478	671	5020	2410	1590	309	658	197	61
5	126	175	354	481	644	4140	1530	2340	360	584	171	56
6	121	177	327	521	871	3400	1220	2720	368	574	160	52
7	124	178	318	605	4470	2180	1070	2670	372	498	152	48
8	123	183	327	640	4860	1560	983	1930	598	449	133	45
9	125	181	344	643	4190	1320	978	1170	565	372	120	44
10	134	181	378	639	3660	1200	1180	920	469	315	106	38
11	141	182	446	588	2570	1120	1190	858	368	280	100	33
12	144	191	451	561	1540	1050	1180	889	300	346	97	29
13	140	193	456	641	1200	1100	1340	711	263	329	93	31
14	136	186	482	704	1040	1320	1660	699	259	329	94	68
15	152	186	501	697	943	1400	1800	652	241	467	90	136
16	164	193	468	652	870	1300	1620	621	202	659	85	167
17	166	209	445	596	821	1120	1370	599	191	550	139	162
18	174	216	533	559	781	1010	1210	572	191	426	155	123
19	175	217	598	559	746	947	1050	638	213	315	138	149
20	180	206	656	802	730	904	913	730	193	248	102	181
21	169	209	685	1110	751	1710	825	736	170	214	88	166
22	160	239	614	1430	788	3470	754	689	160	206	88	249
23	155	256	515	1550	800	2920	689	556	170	245	94	295
24	154	295	498	1470	781	2150	639	479	190	271	107	371
25	152	374	508	1340	726	1600	603	424	187	441	106	434
26	148	421	538	1740	695	1350	572	394	241	558	83	447
27	141	404	562	1910	669	1740	556	370	519	732	70	383
28	136	415	540	1930	649	2030	547	352	562	545	67	344
29	135	391	490	1630	---	1820	570	395	488	435	64	403
30	141	368	461	1040	---	1490	767	457	482	365	63	420
31	147	---	442	844	---	1490	---	403	---	356	67	---
TOTAL	4559	7087	14365	27718	38671	58524	37046	31884	9585	13259	3794	5112
MEAN	147	236	463	894	1381	1888	1235	1029	320	428	122	170
MAX	180	421	685	1930	4860	5020	2800	2720	598	732	297	447
MIN	121	157	318	441	644	633	547	352	160	206	63	29
CFSM	0.08	0.13	0.25	0.48	0.75	1.02	0.67	0.56	0.17	0.23	0.07	0.09
IN.	0.09	0.14	0.29	0.56	0.78	1.18	0.74	0.64	0.19	0.27	0.08	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2002, BY WATER YEAR (WY)

MEAN	951	1358	2401	3173	4047	5207	3472	1988	1389	1670	1162	835
MAX	4691	7856	8151	7256	10960	22290	11240	6350	4773	14430	4371	2908
(WY)	1930	1949	1920	1946	1961	1929	1964	1920	1922	1994	1928	1953
MIN	108	236	463	715	1049	1303	933	392	144	77.5	122	121
(WY)	1955	2002	2002	1956	1938	1918	1999	2000	2000	2000	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1911 - 2002	
ANNUAL TOTAL	642710		251392			
ANNUAL MEAN	1761		689		2288	
HIGHEST ANNUAL MEAN					4500	1920
LOWEST ANNUAL MEAN					689	2002
HIGHEST DAILY MEAN	25900	Mar 4	5020	Mar 4	92000	Jul 6 1994
LOWEST DAILY MEAN	121	Oct 6	29	Sep 12	29	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	126	Oct 4	38	Sep 7	38	Sep 7 2002
MAXIMUM PEAK FLOW			5530	Mar 3	100000	Jul 6 1994
MAXIMUM PEAK STAGE			8.42	Mar 3	45.73	Jul 6 1994
INSTANTANEOUS LOW FLOW			26	Sep 13	26	Sep 13 2002
ANNUAL RUNOFF (CFSM)	0.95		0.37		1.24	
ANNUAL RUNOFF (INCHES)	12.92		5.06		16.81	
10 PERCENT EXCEEDS	3480		1590		4740	
50 PERCENT EXCEEDS	826		445		1300	
90 PERCENT EXCEEDS	177		123		422	

STATION NUMBER 02347500 FLINT RIVER NEAR CULLODEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 293
LATITUDE 324317 LONGITUDE 0841357 NAD83 DRAINAGE AREA 1850.00* CONTRIBUTING DRAINAGE AREA DATUM 334.54 NGVD29
Date Processed: 2003-03-10 08:44 By acday
APPROVED
DD #6, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.06	0.99	1.59	1.76	2.48	2.20	4.83	3.86	1.61	1.78	1.45	0.61
2	0.95	1.00	1.56	1.77	2.41	3.34	5.19	5.03	1.47	1.76	1.31	0.55
3	0.92	1.03	1.57	1.84	2.34	7.50	5.37	4.52	1.42	2.20	1.23	0.56
4	0.89	1.04	1.55	1.85	2.28	7.91	4.88	3.78	1.48	2.27	1.15	0.58
5	0.86	1.05	1.56	1.86	2.22	6.94	3.69	4.79	1.61	2.12	1.07	0.55
6	0.85	1.06	1.49	1.95	2.61	6.08	3.25	5.28	1.63	2.10	1.03	0.53
7	0.86	1.06	1.47	2.14	7.30	4.57	3.03	5.21	1.63	1.93	1.00	0.50
8	0.85	1.08	1.50	2.22	7.74	3.73	2.89	4.24	2.15	1.81	0.92	0.48
9	0.86	1.07	1.54	2.22	6.99	3.40	2.88	3.18	2.08	1.64	0.87	0.47
10	0.90	1.07	1.62	2.21	6.39	3.23	3.20	2.77	1.86	1.49	0.81	0.43
11	0.93	1.07	1.77	2.10	5.07	3.10	3.20	2.66	1.62	1.40	0.78	0.39
12	0.94	1.10	1.78	2.04	3.71	2.99	3.19	2.71	1.45	1.57	0.77	0.36
13	0.92	1.11	1.79	2.22	3.22	3.07	3.42	2.38	1.35	1.53	0.75	0.37
14	0.90	1.09	1.86	2.35	2.98	3.39	3.87	2.35	1.34	1.53	0.75	0.61
15	0.97	1.09	1.90	2.33	2.81	3.50	4.07	2.26	1.29	1.85	0.74	0.93
16	1.01	1.11	1.82	2.24	2.67	3.37	3.81	2.20	1.17	2.28	0.71	1.05
17	1.02	1.16	1.77	2.12	2.58	3.10	3.47	2.15	1.13	2.05	0.93	1.03
18	1.05	1.18	1.98	2.04	2.50	2.93	3.24	2.09	1.13	1.76	1.01	0.88
19	1.05	1.19	2.13	2.04	2.43	2.82	2.99	2.23	1.20	1.49	0.94	0.98
20	1.07	1.15	2.25	2.54	2.40	2.75	2.76	2.41	1.14	1.31	0.79	1.10
21	1.03	1.16	2.31	3.07	2.44	3.90	2.60	2.42	1.06	1.21	0.72	1.05
22	1.00	1.25	2.16	3.55	2.51	6.17	2.46	2.33	1.03	1.18	0.73	1.30
23	0.98	1.30	1.94	3.73	2.53	5.51	2.34	2.06	1.06	1.30	0.76	1.44
24	0.98	1.41	1.89	3.60	2.50	4.54	2.23	1.88	1.13	1.36	0.82	1.63
25	0.97	1.61	1.92	3.42	2.39	3.79	2.16	1.76	1.12	1.80	0.81	1.78
26	0.95	1.72	1.99	3.99	2.33	3.43	2.10	1.69	1.29	2.05	0.70	1.80
27	0.93	1.68	2.05	4.22	2.28	3.98	2.06	1.63	1.96	2.42	0.64	1.66
28	0.91	1.70	1.99	4.25	2.23	4.38	2.04	1.59	2.07	2.03	0.62	1.57
29	0.90	1.65	1.88	3.82	---	4.10	2.09	1.69	1.90	1.78	0.60	1.71
30	0.93	1.59	1.81	2.96	---	3.63	2.47	1.83	1.89	1.62	0.59	1.75
31	0.95	---	1.76	2.62	---	3.63	---	1.71	---	1.60	0.62	---
MEAN	0.95	1.23	1.81	2.62	3.30	4.10	3.19	2.80	1.48	1.75	0.86	0.95
MAX	1.07	1.72	2.31	4.25	7.74	7.91	5.37	5.28	2.15	2.42	1.45	1.80
MIN	0.85	0.99	1.47	1.76	2.22	2.20	2.04	1.59	1.03	1.18	0.59	0.36

STATION NUMBER 02347500 FLINT RIVER NEAR CULLODEN, GA SOURCE AGENCY USGS STATE 13 COUNTY 293
LATITUDE 324317 LONGITUDE 0841357 NAD83 DRAINAGE AREA 1850.00* CONTRIBUTING DRAINAGE AREA DATUM 334.54 NGVD29
Date Processed: 2003-03-10 08:44 By acday
APPROVED
DD #7, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.00	0.00	0.02	---	0.00	0.00	0.00	0.11	0.00
2	0.00	0.00	0.00	---	0.00	2.14	0.00	0.00	0.00	0.80	0.00	0.00
3	0.00	0.00	0.00	---	---	0.32	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	---	---	0.00	0.00	0.27	0.38	1.46	0.00	0.00
5	0.00	0.00	0.00	---	0.05	0.00	0.00	0.01	0.01	0.01	0.00	0.00
6	0.00	0.00	0.00	0.23	---	0.00	0.00	0.00	0.00	0.00	0.00	0.22
7	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.27	0.00	0.01
8	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.01	0.21	1.44	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.85	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	0.00	0.50	0.00	0.00
12	0.00	0.00	0.02	---	0.00	0.16	0.41	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.11	---	0.00	0.01	0.34	0.46	0.00	0.01	0.00	1.19
14	0.03	0.00	0.02	---	0.00	0.00	0.16	0.00	0.06	0.01	0.04	1.03
15	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.71
16	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.02	0.00	0.00	0.00
17	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.17	0.00	0.11	0.00
19	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.02	0.00	0.00	0.09	0.63	0.00	0.00	0.00	0.00	0.00	0.46
21	0.00	0.00	0.00	0.07	0.00	0.88	0.00	0.00	0.00	0.02	0.01	0.00
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.12	0.82	0.00	0.00
23	0.00	0.42	0.24	0.08	0.00	0.00	0.00	0.00	0.02	1.18	0.00	0.00
24	0.00	0.23	0.00	0.19	0.00	0.00	0.00	0.00	0.00	2.27	0.00	0.00
25	0.00	1.09	0.00	0.27	0.00	0.00	0.00	0.00	1.36	0.01	0.00	0.16
26	0.00	0.00	0.00	0.00	0.01	0.52	0.00	0.00	0.41	1.12	0.52	0.21
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.26
28	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
29	0.00	0.00	0.00	0.01	---	0.00	0.18	0.00	0.02	0.23	0.00	0.00
30	0.00	0.24	0.00	0.01	---	0.01	1.44	0.00	0.00	0.03	0.93	0.00
31	0.00	---	0.00	0.00	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0.03	2.00	1.74	---	---	---	---	3.81	2.62	8.74	2.78	4.25

02348485 WHITEWATER CREEK AT GA 137, NEAR BUTLER, GA

LOCATION.—Lat 32°30'14", long 84°20'03" referenced to North American Datum (NAD) of 1927, Taylor County, Hydrologic Unit 03130005, at US 137, 6.5 miles southwest of Butler.

DRAINAGE AREA.—17.3 mi^2.

PERIOD OF RECORD.—1978 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 403.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 10.78 feet, July 5, 1994
DISCHAGE: 518 ft^3/s, July 6, 1994

MAXIMUM FOR 2001 WATER YEAR.—
STAGE: < 7.48 ft, Not determined, peak below bottom of gage
DISCHARGE: < 152 ft^3/s, Not determined, peak below bottom of gage

MAXIMUM FOR CURRENT YEAR.—
STAGE: < 7.48 ft, Not determined, peak below bottom of gage
DISCHARGE: < 152 ft^3/s, Not determined, peak below bottom of gage

APALACHICOLA RIVER BASIN
2002 Water Year

02349030 CEDAR CREEK AT US 19, NEAR RUPERT, GA

LOCATION.—Lat 32°23'21", long 84°17'49" referenced to North American Datum (NAD) of 1927, Taylor County, Hydrologic Unit 03130005, at US 19, 3.0 miles south of Rupert.

DRAINAGE AREA.—41.1 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1979 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 390.00 feet above National Geodetic Vertical Datum (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 7.50 feet, July 6, 1994
DISCHARGE: 2,400 ft^3/s, July 6, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: <1.92 feet, Not determined, peak below bottom of gage
DISCHARGE: <77.8 ft^3/s, Not determined, peak below bottom of gage

02349330 BUCK CREEK TRIBUTARY AT GA 240, NEAR TAZEWELL, GA

LOCATION.—Lat 32°20'50", long 84°22'26" referenced to North American Datum (NAD) of 1927, Schley County, Hydrologic Unit 03130006, at culvert on GA 240, 4.3 miles east of Tazewell.

DRAINAGE AREA.—0.43 mi^2 approximately.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 495.00 feet above National Geodetic Vertical Datum (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 4.37 feet, October 1, 1989
DISCHARGE: 103 ft^3/s, October 1, 1989

MAXIMUM FOR CURRENT YEAR.—
STAGE: <1.92 feet, Not determined, peak below bottom of gage.
DISCHARGE: <16.6 ft^3/s, Not determined, peak below bottom of gage.

APALACHICOLA RIVER BASIN
2002 Water Year

02349350 BUCK CREEK AT US 19, NEAR ELLAVILLE, GA

LOCATION.—Lat 32°18'35", long 84°17'36" referenced to North American Datum (NAD) of 1927, Schley County, Hydrologic Unit 03130006, at US 19, 5.0 miles north of Ellaville.

DRAINAGE AREA.—146 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1979 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 350.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 11.31 feet, July 6, 1994
DISCHARGE: 7,800 ft^3/s, July 6, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: 6.64 feet, September 15
DISCHARGE: 662 ft^3/s, September 15

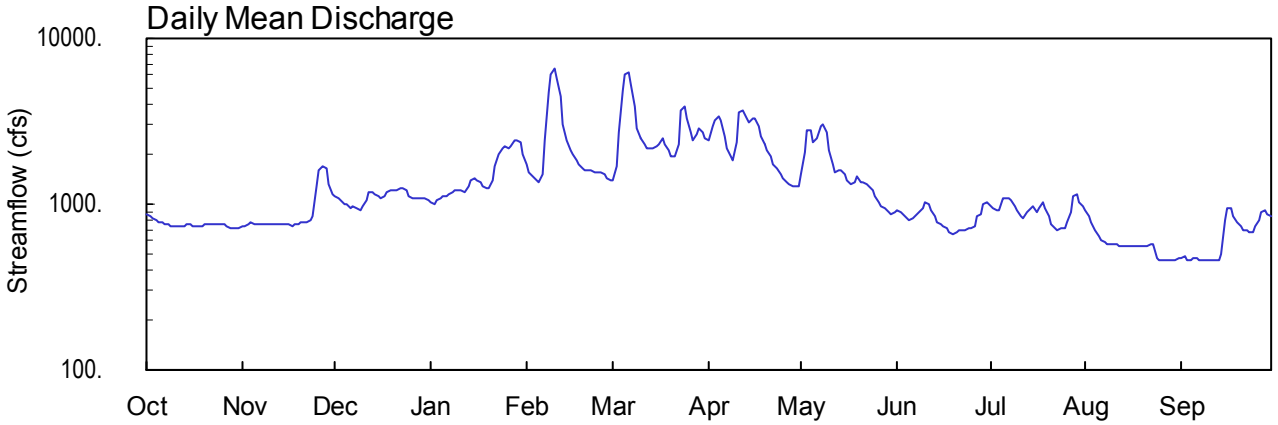
APALACHICOLA RIVER BASIN

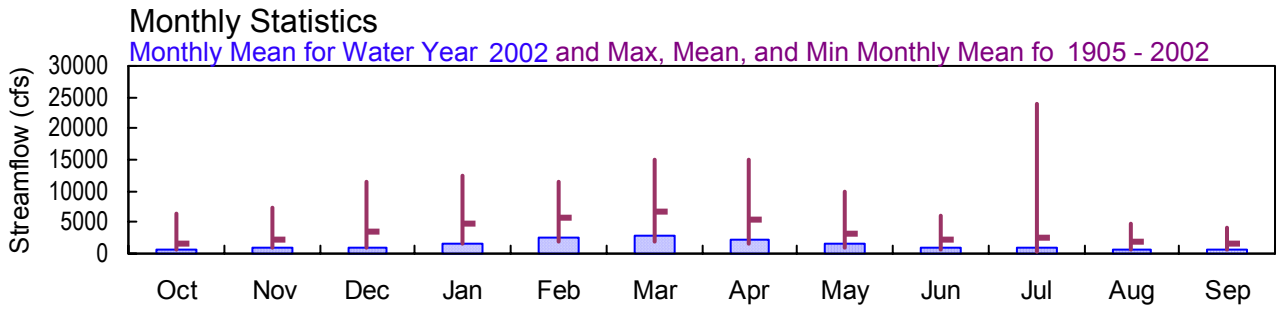
2002 Water Year

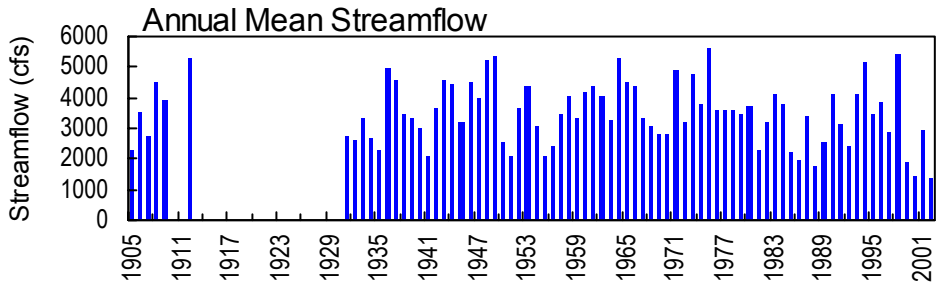
02349500 FLINT RIVER AT MONTEZUMA, GA

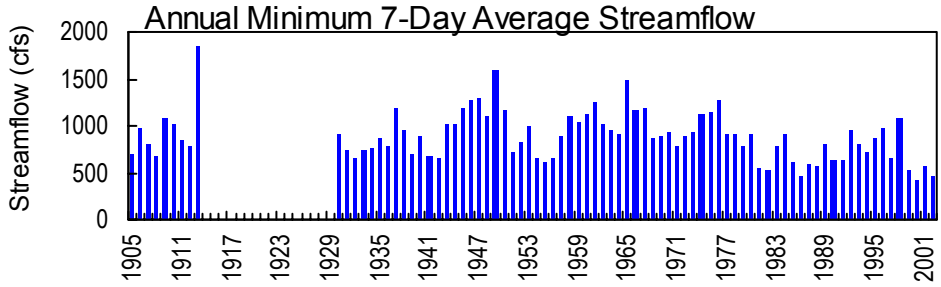
Latitude: 32°17'53" Longitude: 84°02'38" Hydrologic Unit Code: 03130006 Macon County

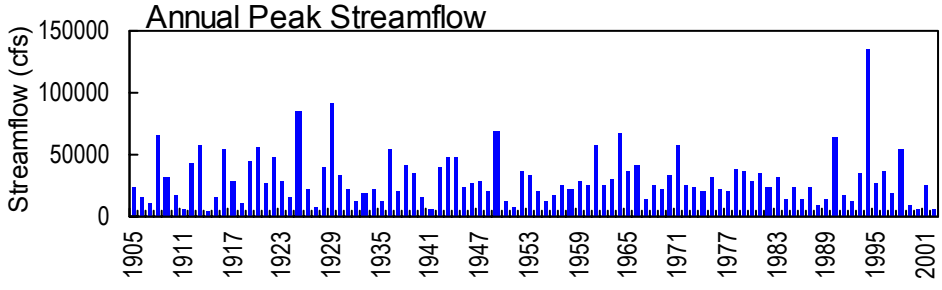
Drainage Area: 2,900. mi^2 Datum: 255.83 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02349500 FLINT RIVER AT MONTEZUMA, GA

LOCATION.—Lat 32°17'53", long 84°02'38" referenced to North American Datum (NAD) of 1983, Macon County, Hydrologic Unit 03130006, near left bank on downstream end of pier of bridge on GA 49, 1,000 feet upstream from Central of Georgia Railway bridge, 1,400 feet upstream from Seaboard Coast Line Railroad (formerly Atlanta, Birmingham and Coast) bridge, just upstream from Buck Creek, 1.0 mile west of Montezuma and at mile 180.6.

DRAINAGE AREA.—2,900 mi^2, approximately; includes that of Buck Creek.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Crisp County Power Commission.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1904 to December 1912 (published as "near Montezuma"), July 1930 to current year. Monthly discharge only for January to December 1910, published in WSP 1304. Gage-height records collected at same site since 1904 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 822: Drainage area. WSP 852: 1936(M). WSP 1504: 1905-9, 1911-12, drainage area (at site used prior 1912). WDR GA-82-1: 1981(P).

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 255.83 feet above National Geodetic Vertical Datum (NGVD) of 1929. From January 1905 to December 1909, and from January 1911 to December 1912, a non-recording gage was located at a site 1.5 miles upstream at same datum. From July 1, 1930 to June 30, 1933, and from October 1, 1934 to December 12, 1941, a non-recording gage was located at the site. From December 13, 1941 to October 25, 1955, a water-station recorder was located at a site 500 feet downstream at same datum.

REMARKS.—Records fair, except for estimated daily discharges, which are poor. Prior to December 31, 1963, when operation was discontinued, moderate diurnal fluctuation at low flow caused by power plant above station.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood on March 2, 1897, reached a stage of 26.0 feet at former site with a discharge of 97,000 ft^3/s, determined from rating curve extended above 10,000 ft^3/s on basis of peak flows passing upstream and downstream stations (from National Weather Service). Flood on March 17, 1929, reached a stage of 27.4 feet at the present site with a discharge of 92,300 ft^3/s, determined from a rating curve extended above 65,000 ft^3/s (from National Weather Service).

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 13,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 10	1000	6,590*	8.99*

02349500 FLINT RIVER AT MONTEZUMA, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1904 to December 1912 (published as "near Montezuma"), July 1930 to current year. Monthly discharge only for January to December 1910, published in WSP 1304. Gage-height records collected at same site since 1904 are contained in reports of National Weather Service.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 255.83 feet above National Geodetic Vertical Datum (NGVD) of 1929. From January 1905 to December 1909, and from January 1911 to December 1912, a non-recording gage was located at a site 1.5 miles upstream at same datum. From July 1, 1930 to June 30, 1933, and from October 1, 1934 to December 12, 1941, a non-recording gage was located at the site. From December 13, 1941 to October 25, 1955, a water-station recorder was located at a site 500 feet downstream at same datum.

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded 8.99 feet, February 10; minimum gage-height recorded, -0.16 feet, September 11, 12.

STATION NUMBER 02349500 FLINT RIVER AT MONTEZUMA, GA SOURCE AGENCY USGS STATE 13 COUNTY 193
LATITUDE 321753 LONGITUDE 0840238 NAD27 DRAINAGE AREA 2900.00* CONTRIBUTING DRAINAGE AREA DATUM 255.83 NGVD29
Date Processed: 2003-03-10 09:49 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	862	736	1110	1020	1720	1380	2410	1500	918	978	913	477
2	856	745	1090	1000	1570	1690	e2990	2050	898	946	841	480
3	820	753	1050	1050	1460	2730	e3200	2760	863	911	770	466
4	791	776	1010	1100	1400	4850	e3380	2800	821	919	704	463
5	781	768	991	1120	1340	6090	3250	2370	812	1100	650	478
6	772	759	959	1120	1510	6280	2600	2500	823	1090	610	467
7	756	757	963	1160	2460	5330	2160	2980	855	1080	590	463
8	752	755	945	1180	4740	3880	1960	3060	901	1060	581	460
9	742	751	926	1210	6140	2860	1860	2730	936	986	575	460
10	732	760	970	1220	6530	2480	2360	2090	1030	922	571	459
11	731	758	1070	1200	5820	2300	3620	1730	1000	846	567	457
12	739	752	1170	1190	4440	2180	3660	1560	922	820	562	454
13	743	749	1190	1290	3040	2170	3260	1600	847	890	560	457
14	753	755	1150	1390	2410	2180	3160	1610	789	952	560	495
15	755	761	1120	1430	2140	2240	3290	1500	751	970	556	808
16	742	754	1100	1400	1980	2320	3300	1400	737	900	551	958
17	729	747	1110	1350	1850	2500	2960	1310	712	952	553	943
18	733	757	1190	1290	1750	2320	2580	1360	684	1020	554	857
19	734	762	1210	1250	1670	2110	2320	1470	668	949	559	788
20	748	769	1230	1250	1620	1960	2130	1370	683	845	560	729
21	760	781	1220	1390	1610	1940	1920	1340	697	763	555	692
22	762	777	1240	1700	1600	2290	1760	1330	690	708	578	695
23	765	795	1250	2010	1570	3690	1630	1290	701	690	568	674
24	757	852	1200	2150	1560	3930	1520	1210	708	712	470	682
25	755	1270	1130	2220	1540	3260	1440	1110	710	721	463	728
26	752	1590	1100	2150	1500	2690	1370	1040	732	785	462	796
27	738	1700	1090	2250	1450	2400	1310	980	851	907	466	886
28	717	1630	1090	2460	1400	2630	1280	939	860	1130	462	911
29	722	1320	1090	2460	---	2890	1270	902	1010	1160	465	878
30	724	1150	1090	2360	---	2730	1280	881	1040	1020	466	841
31	724	---	1050	2000	---	2480	---	898	---	974	468	---
TOTAL	23447	26989	34104	47370	67820	90780	71230	51670	24649	28706	17810	19402
MEAN	756	900	1100	1528	2422	2928	2374	1667	822	926	575	647
MAX	862	1700	1250	2460	6530	6280	3660	3060	1040	1160	913	958
MIN	717	736	926	1000	1340	1380	1270	881	668	690	462	454
CFSM	0.26	0.31	0.38	0.53	0.84	1.01	0.82	0.57	0.28	0.32	0.20	0.22
IN.	0.30	0.35	0.44	0.61	0.87	1.16	0.91	0.66	0.32	0.37	0.23	0.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1905 - 2002, BY WATER YEAR (WY)

MEAN	1680	2093	3525	4777	5874	6763	5478	3214	2334	2550	2035	1531
MAX	6339	7272	11490	12350	11380	14980	15030	9758	6122	23990	4854	4105
(WY)	1965	1993	1949	1936	1974	1971	1936	1953	1959	1994	1936	1953
MIN	639	838	1100	1443	1962	1953	1736	840	509	477	506	647
(WY)	1955	1932	2002	1956	1989	1911	1986	2000	2000	2000	2000	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1905 - 2002	
ANNUAL TOTAL	1042088		503977			
ANNUAL MEAN	2855		1381		3498	
HIGHEST ANNUAL MEAN					5593	1975
LOWEST ANNUAL MEAN					1381	2002
HIGHEST DAILY MEAN	25800	Mar 7	6530	Feb 10	130000	Jul 7 1994
LOWEST DAILY MEAN	717	Oct 28	454	Sep 12	408	Aug 26 2000
ANNUAL SEVEN-DAY MINIMUM	729	Oct 27	459	Sep 7	416	Aug 14 2000
MAXIMUM PEAK FLOW			6590	Feb 10	136000	Jul 8 1994
MAXIMUM PEAK STAGE			8.99	Feb 10	34.11	Jul 8 1994
INSTANTANEOUS LOW FLOW			450	Sep 11	397	Aug 26 2000
ANNUAL RUNOFF (CFSM)	0.98		0.48		1.21	
ANNUAL RUNOFF (INCHES)	13.37		6.46		16.39	
10 PERCENT EXCEEDS	6370		2610		7050	
50 PERCENT EXCEEDS	1510		1020		2320	
90 PERCENT EXCEEDS	760		577		1030	

e Estimated

STATION NUMBER 02349500 FLINT RIVER AT MONTEZUMA, GA SOURCE AGENCY USGS STATE 13 COUNTY 193
LATITUDE 321753 LONGITUDE 0840238 NAD27 DRAINAGE AREA 2900.00* CONTRIBUTING DRAINAGE AREA DATUM 255.83 NGVD29
Date Processed: 2003-03-10 08:46 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.84	0.52	1.43	1.21	2.67	2.00	3.85	2.25	0.98	1.13	0.97	-0.07
2	0.83	0.54	1.37	1.19	2.38	2.60	4.73	3.24	0.93	1.05	0.81	-0.06
3	0.74	0.56	1.29	1.29	2.17	4.32	5.23	4.39	0.84	0.96	0.65	-0.11
4	0.66	0.62	1.20	1.41	2.04	7.13	5.28	4.45	0.75	0.98	0.50	-0.12
5	0.63	0.60	1.16	1.45	1.93	8.50	5.10	3.78	0.73	1.40	0.37	-0.07
6	0.61	0.58	1.08	1.46	2.26	8.69	4.15	3.99	0.75	1.39	0.27	-0.10
7	0.57	0.57	1.09	1.53	3.89	7.69	3.43	4.72	0.83	1.37	0.22	-0.12
8	0.56	0.57	1.05	1.59	6.99	5.94	3.10	4.83	0.94	1.32	0.20	-0.13
9	0.53	0.56	1.00	1.66	8.55	4.53	2.91	4.34	1.02	1.14	0.18	-0.13
10	0.50	0.58	1.10	1.67	8.93	3.96	3.75	3.32	1.25	0.99	0.17	-0.13
11	0.50	0.58	1.34	1.63	8.21	3.66	5.60	2.68	1.18	0.82	0.16	-0.14
12	0.52	0.56	1.56	1.61	6.64	3.47	5.67	2.36	0.99	0.76	0.15	-0.15
13	0.53	0.55	1.60	1.83	4.79	3.46	5.12	2.44	0.81	0.92	0.15	-0.14
14	0.56	0.57	1.52	2.02	3.85	3.48	4.97	2.47	0.67	1.06	0.15	-0.02
15	0.57	0.58	1.45	2.10	3.41	3.57	5.16	2.25	0.58	1.11	0.14	0.74
16	0.53	0.56	1.41	2.05	3.14	3.71	5.17	2.04	0.54	0.94	0.13	1.08
17	0.50	0.55	1.43	1.94	2.90	3.99	4.69	1.86	0.48	1.06	0.13	1.04
18	0.51	0.57	1.60	1.81	2.73	3.70	4.11	1.95	0.40	1.22	0.14	0.83
19	0.51	0.58	1.64	1.74	2.57	3.36	3.70	2.18	0.36	1.06	0.15	0.65
20	0.55	0.60	1.70	1.74	2.48	3.10	3.38	1.99	0.40	0.82	0.16	0.50
21	0.58	0.63	1.68	2.03	2.46	3.06	3.03	1.93	0.44	0.63	0.15	0.40
22	0.59	0.63	1.72	2.63	2.44	3.64	2.74	1.90	0.42	0.50	0.20	0.40
23	0.59	0.67	1.73	3.17	2.39	5.70	2.50	1.83	0.45	0.45	0.17	0.34
24	0.57	0.82	1.62	3.42	2.36	6.01	2.28	1.64	0.47	0.51	-0.10	0.37
25	0.57	1.76	1.47	3.54	2.32	5.11	2.13	1.43	0.48	0.53	-0.12	0.50
26	0.56	2.43	1.40	3.42	2.25	4.28	1.98	1.26	0.54	0.68	-0.12	0.67
27	0.52	2.64	1.39	3.59	2.14	3.84	1.87	1.13	0.83	0.96	-0.11	0.90
28	0.46	2.50	1.39	3.92	2.05	4.19	1.80	1.03	0.85	1.47	-0.12	0.96
29	0.48	1.88	1.39	3.93	---	4.58	1.77	0.94	1.21	1.54	-0.11	0.88
30	0.48	1.52	1.39	3.76	---	4.35	1.79	0.89	1.26	1.22	-0.11	0.79
31	0.48	---	1.29	3.17	---	3.96	---	0.93	---	1.12	-0.10	---
MEAN	0.57	0.90	1.40	2.24	3.60	4.50	3.70	2.47	0.75	1.00	0.18	0.32
MAX	0.84	2.64	1.73	3.93	8.93	8.69	5.67	4.83	1.26	1.54	0.97	1.08
MIN	0.46	0.52	1.00	1.19	1.93	2.00	1.77	0.89	0.36	0.45	-0.12	-0.15

APALACHICOLA RIVER BASIN
2002 Water Year

02349500 FLINT RIVER AT MONTEZUMA, GA

LOCATION.--Lat 32°17'53", long 84°02'38" referenced to North American Datum (NAD) of 1927, Macon County, Hydrologic Unit 03130006, near left bank on downstream end of pier of bridge on GA Highway 49, 1,000 feet upstream from Central of Georgia Railway bridge, 1,400 feet upstream from Seaboard Coast Line Railroad (formerly Atlanta, Birmingham and Coast) bridge, just upstream from Buck Creek, 1.0 mile west of Montezuma and at mile 180.6.

DRAINAGE AREA.--2,900 mi^2, approximately; includes that of Buck Creek.

REMARKS.-- Datum of gage is 255.83 feet above sea level.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	WATER, PRESENT BIO TIS DRY WGT REC PERCENT (49273)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
MAY													
31...	1630	1028	80020	--	--	8010	80	--	8.6	--	7.6	48	27.1
JUN													
05...	1100	1028	85550	.72	810	70	--	761	7.2	90	6.8	44	26.7
05...	1105	1028	1028	--	--	8010	--	--	--	--	--	--	--

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MERCURY METHYL, WATER, FLTRD REC, (NG/L) (50285)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY										
31...	--	--	1.3	--	--	--	--	--	15.00	8010
JUN										
05...	2.7	2.3	--	.05	74	13	28.4	--	15.00	3070
05...	--	--	--	--	--	--	--	94	15.00	8010

APALACHICOLA RIVER BASIN
2002 Water Year

02349695 HORSEHEAD CREEK AT GA 224, NEAR MONTEZUMA, GA

LOCATION.—Lat 32°21'28", long 83°56'11" referenced to North American Datum (NAD) of 1927, Macon County, Hydrologic Unit 03130006, at culvert on GA 224, 8.7 miles northeast of Montezuma.

DRAINAGE AREA.—0.72 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 315.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 6.96 feet, July 6, 1994
DISCHARGE: 200 ft^3/s, July 6, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: 2.00 feet, April 10
DISCHARGE: 30.0 ft^3/s, April 10

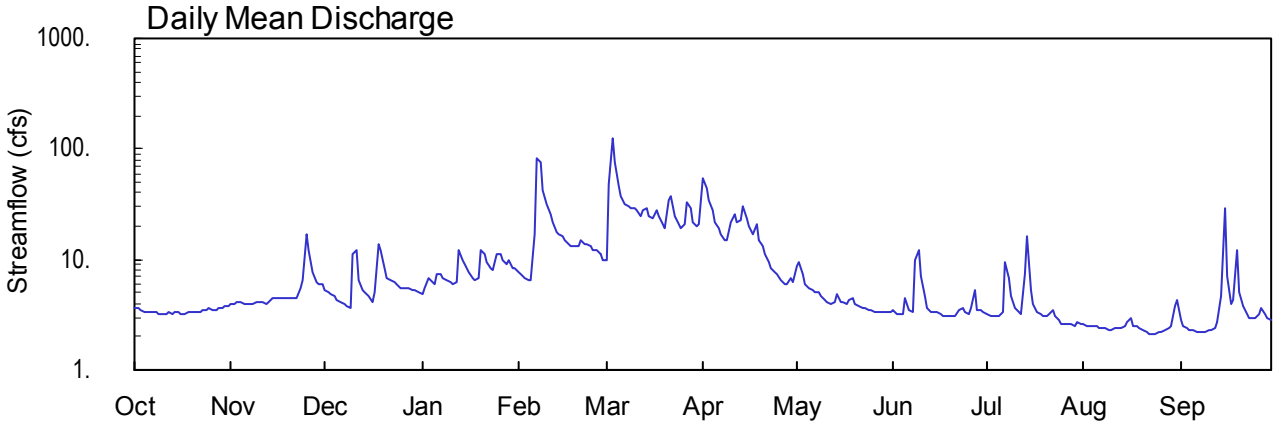
APALACHICOLA RIVER BASIN

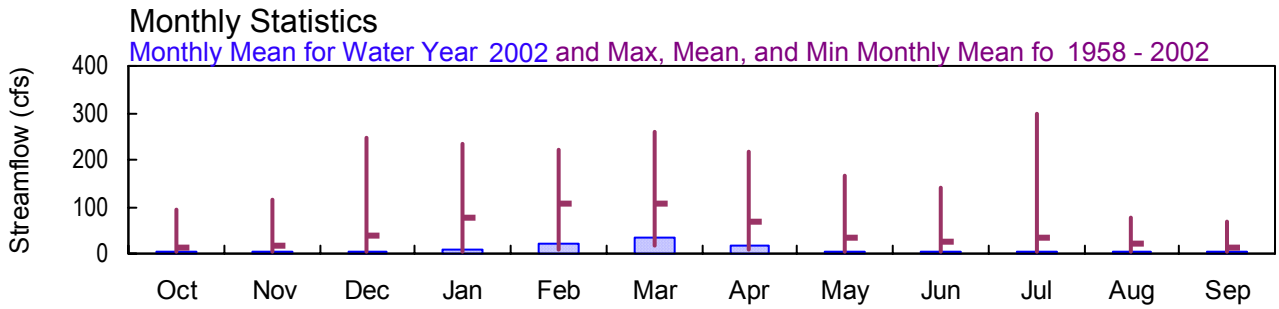
2002 Water Year

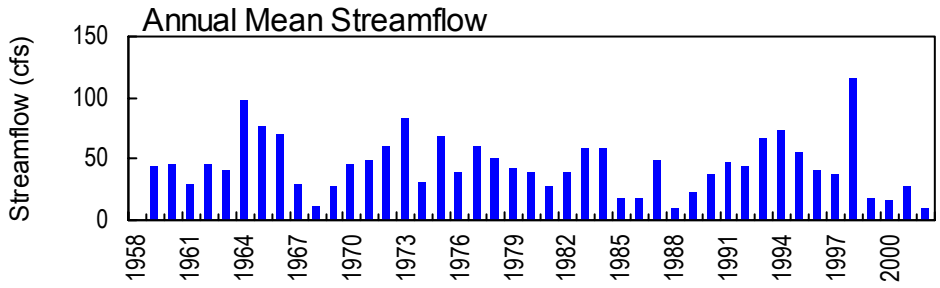
02349900 TURKEY CREEK AT BYROMVILLE, GA

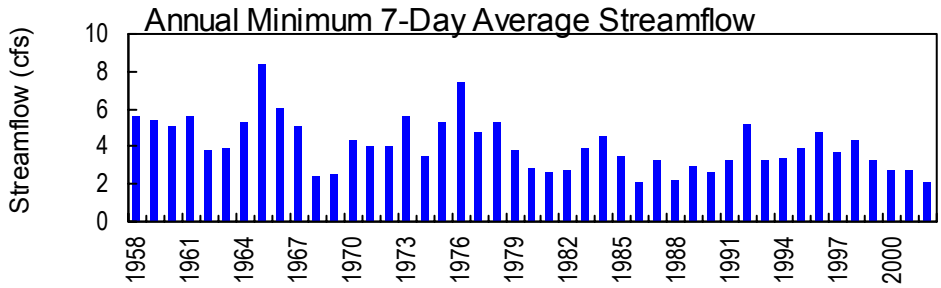
Latitude: 32°11'44" Longitude: 83°54'08" Hydrologic Unit Code: 03130006 Dooly County

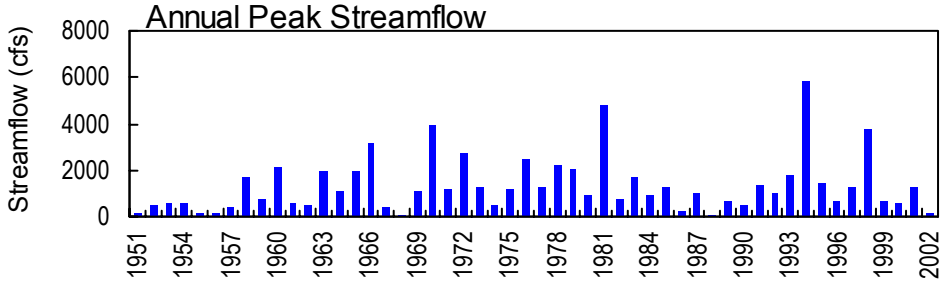
Drainage Area: 45. mi^2 Datum: 286.00 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02349900 TURKEY CREEK AT BYROMVILLE, GA

LOCATION.—Lat 32°11'44", long 83°54'08" (revised) referenced to North American Datum (NAD) of 1983, Dooly County, Hydrologic Unit 03130006, on downstream side of bridge pier on GA 90, 0.5 miles southwest of Byromville, 1.1 miles downstream from Rogers Branch, and 11.0 miles upstream from mouth.

DRAINAGE AREA.—45 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—Water years 1951-58 (annual maximum), June 1958 to current year.

REVISED RECORDS.—WDR GA-90-1: 1967, 1969, WDR GA-92-1: 1968.

GAGE.—Water-stage recorder. Elevation of gage is 286.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Prior to June 19, 1958, a crest-stage gage was located at a site 50.00 feet upstream at same datum.

REMARKS.—Records fair, except for periods of estimated discharge, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 400 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 3	1215	141*	7.77*

WATER-STAGE RECORDS

PERIOD OF RECORD.—Water years 1951-58 (annual maximum), June 1958 to current year.

GAGE.—Water-stage recorder. Elevation of gage is 286.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). Prior to June 19, 1958, a crest-stage gage was located at a site 50.00 feet upstream at same datum.

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.77 feet, March 3; minimum gage-height recorded, unknown.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02349900 TURKEY CREEK AT BYROMVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 093
LATITUDE 321144 LONGITUDE 0835408 NAD83 DRAINAGE AREA 45.00 CONTRIBUTING DRAINAGE AREA 45.00* DATUM 286.00 NGVD29
Date Processed: 2003-03-10 09:52 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	3.9	5.3	4.9	7.6	10	54	8.7	3.5	3.2	2.6	2.8
2	3.6	4.0	5.0	5.5	7.4	48	44	9.4	3.2	3.1	2.5	e2.5
3	3.5	4.2	4.9	6.7	6.8	126	35	7.5	3.2	3.1	e2.5	e2.4
4	3.4	4.1	4.6	6.4	6.5	76	28	6.1	3.2	3.1	e2.5	e2.3
5	3.3	3.9	4.3	6.0	6.4	46	22	5.4	4.4	3.1	e2.5	e2.3
6	3.3	3.9	4.2	7.3	17	37	19	5.2	3.5	3.4	e2.4	e2.2
7	3.4	3.9	4.0	7.4	83	32	17	5.1	3.4	9.6	e2.4	e2.2
8	3.3	4.0	3.8	6.9	77	30	15	5.0	9.8	6.8	e2.4	e2.2
9	3.2	4.1	3.7	6.4	43	29	15	4.6	12	4.6	e2.3	e2.2
10	3.2	4.1	11	6.2	32	29	22	4.3	7.1	3.6	e2.3	e2.3
11	3.2	4.1	12	5.9	26	28	26	4.1	4.6	3.3	e2.4	e2.3
12	3.3	4.0	6.4	6.3	22	25	22	4.0	3.7	3.2	e2.4	e2.4
13	3.2	4.2	5.2	12	18	28	23	4.2	3.4	7.3	e2.4	2.7
14	3.3	4.4	5.0	10	17	29	30	4.8	3.3	16	2.5	4.7
15	3.3	4.5	4.7	9.1	16	25	24	4.1	3.3	5.3	2.7	29
16	3.2	4.5	4.2	7.6	15	24	20	4.1	3.2	3.9	3.0	7.2
17	3.2	4.4	5.0	6.9	14	28	17	4.0	3.1	3.4	2.5	3.9
18	3.3	4.4	14	6.5	13	25	21	4.3	3.1	3.2	2.5	4.3
19	3.4	4.4	12	6.9	13	21	15	4.5	3.1	3.1	e2.4	12
20	3.4	4.5	8.3	12	13	19	13	3.9	3.1	3.1	e2.3	5.0
21	3.4	4.5	6.8	11	15	35	11	3.8	3.1	3.2	e2.2	3.8
22	3.4	4.5	6.4	9.6	14	38	9.6	3.6	3.5	3.5	e2.1	3.2
23	3.5	5.4	6.2	8.5	14	25	8.5	3.6	3.7	3.1	e2.1	3.0
24	3.5	6.6	6.0	8.0	13	21	7.7	3.5	3.4	2.8	e2.1	2.9
25	3.6	17	5.6	11	12	19	7.3	3.5	3.2	2.6	e2.2	2.9
26	3.5	12	5.5	11	12	21	6.6	3.4	3.7	2.6	e2.2	3.2
27	3.5	7.6	5.4	9.7	11	33	6.1	3.4	5.3	2.6	e2.3	3.6
28	3.6	6.3	5.4	8.9	10	29	6.0	3.3	3.5	2.6	e2.4	3.2
29	3.7	5.9	5.3	9.7	---	22	6.8	3.3	3.5	2.5	2.5	2.9
30	3.8	5.9	5.2	8.5	---	20	6.2	3.3	3.3	2.7	3.8	2.8
31	3.8	---	5.0	8.2	---	21	---	3.4	---	2.6	4.3	---
TOTAL	106.0	159.2	190.4	251.0	554.7	999	557.8	141.4	123.4	126.2	77.7	128.4
MEAN	3.42	5.31	6.14	8.10	19.8	32.2	18.6	4.56	4.11	4.07	2.51	4.28
MAX	3.8	17	14	12	83	126	54	9.4	12	16	4.3	29
MIN	3.2	3.9	3.7	4.9	6.4	10	6.0	3.3	3.1	2.5	2.1	2.2
CFSM	0.08	0.12	0.14	0.18	0.44	0.72	0.41	0.10	0.09	0.09	0.06	0.10
IN.	0.09	0.13	0.16	0.21	0.46	0.83	0.46	0.12	0.10	0.10	0.06	0.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2002, BY WATER YEAR (WY)

MEAN	11.9	17.7	38.8	74.7	106	105	68.8	32.4	25.5	34.0	19.4	10.8
MAX	95.1	115	248	235	223	260	218	166	142	297	76.3	69.8
(WY)	1995	1998	1998	1964	1983	1966	1998	1976	1973	1994	1969	1998
MIN	3.06	4.16	3.96	5.29	7.74	15.6	10.6	4.56	3.69	2.62	2.51	2.86
(WY)	2001	1989	1989	1989	1989	1989	1968	2002	1988	1988	2002	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1958 - 2002	
ANNUAL TOTAL	10071.1		3415.2			
ANNUAL MEAN	27.6		9.36		45.1	
HIGHEST ANNUAL MEAN					115	1998
LOWEST ANNUAL MEAN					9.36	2002
HIGHEST DAILY MEAN	936	Mar 4	126	Mar 3	3900	Jul 6 1994
LOWEST DAILY MEAN	2.8	Aug 28	2.1	Aug 22	2.0	Oct 5 1968
ANNUAL SEVEN-DAY MINIMUM	2.9	Aug 23	2.2	Aug 20	2.1	Jul 10 1986
MAXIMUM PEAK FLOW			141	Mar 3	5820	Jul 6 1994
MAXIMUM PEAK STAGE			7.77	Mar 3	14.29	Jul 6 1994
INSTANTANEOUS LOW FLOW					1.9	Oct 5 1968
ANNUAL RUNOFF (CFSM)	0.61		0.21		1.00	
ANNUAL RUNOFF (INCHES)	8.33		2.82		13.62	
10 PERCENT EXCEEDS	64		22		106	
50 PERCENT EXCEEDS	9.0		4.5		15	
90 PERCENT EXCEEDS	3.5		2.5		4.4	

e Estimated

STATION NUMBER 02349900 TURKEY CREEK AT BYROMVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 093
LATITUDE 321144 LONGITUDE 0835408 NAD83 DRAINAGE AREA 45.00 CONTRIBUTING DRAINAGE AREA 45.00* DATUM 286.00 NGVD29
Date Processed: 2003-03-10 08:48 By acday
APPROVED
DD #2

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

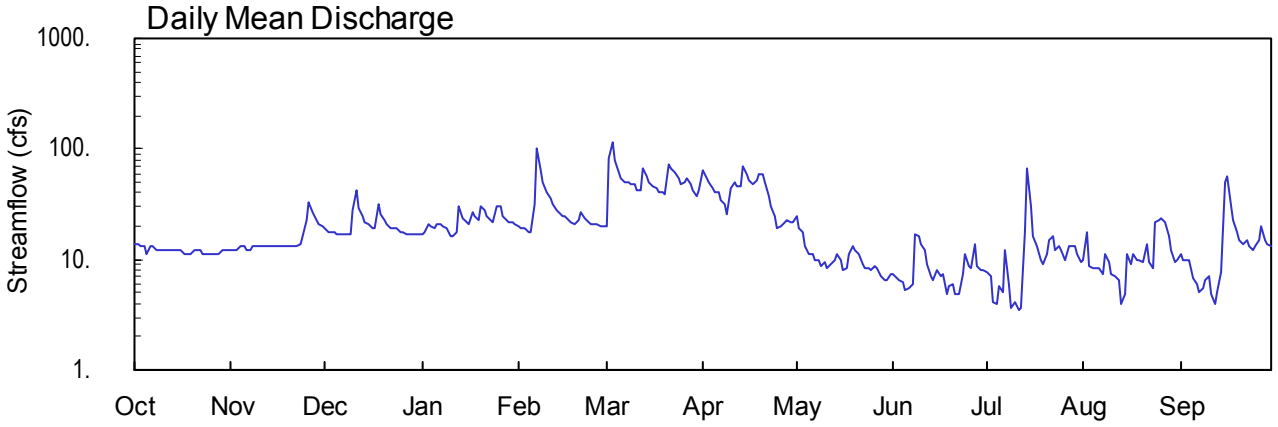
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.84	4.86	5.06	4.98	5.20	5.31	6.52	5.05	4.63	4.60	4.53	4.55
2	4.83	4.87	5.04	5.03	5.18	6.38	6.30	5.10	4.60	4.59	4.52	---
3	4.82	4.88	5.04	5.12	5.13	7.62	6.07	4.97	4.60	4.59	---	---
4	4.81	4.87	5.03	5.10	5.11	6.93	5.86	4.87	4.60	4.59	---	---
5	4.80	4.86	5.01	5.07	5.10	6.37	5.67	4.82	4.72	4.59	---	---
6	4.80	4.86	5.01	5.17	5.53	6.15	5.54	4.80	4.63	4.62	---	---
7	4.81	4.86	5.00	5.18	7.20	6.01	5.47	4.79	4.62	5.07	---	---
8	4.80	4.87	4.99	5.14	7.10	5.93	5.39	4.78	5.06	4.92	---	---
9	4.79	4.87	4.98	5.10	6.45	5.91	5.37	4.74	5.23	4.74	---	---
10	4.79	4.88	5.39	5.08	6.16	5.92	5.68	4.72	4.94	4.65	---	---
11	4.79	4.87	5.57	5.06	5.99	5.87	5.82	4.70	4.74	4.61	---	---
12	4.80	4.87	5.22	5.09	5.83	5.78	5.68	4.69	4.66	4.60	---	---
13	4.79	4.88	5.12	5.49	5.71	5.88	5.70	4.71	4.62	4.85	---	---
14	4.80	4.90	5.11	5.39	5.64	5.92	5.93	4.76	4.61	5.36	---	4.73
15	4.80	4.91	5.08	5.30	5.62	5.77	5.74	4.70	4.61	4.80	4.54	5.82
16	4.79	4.91	5.04	5.20	5.58	5.75	5.58	4.70	4.60	4.68	4.57	4.94
17	4.79	4.90	5.10	5.14	5.54	5.88	5.47	4.69	4.59	4.62	4.52	4.68
18	4.80	4.90	5.58	5.11	5.50	5.77	5.63	4.71	4.59	4.60	4.52	4.69
19	4.81	4.90	5.48	5.14	5.47	5.62	5.39	4.74	4.59	4.59	---	5.20
20	4.80	4.91	5.25	5.46	5.48	5.57	5.31	4.68	4.59	4.59	---	4.78
21	4.81	4.91	5.13	5.43	5.56	6.06	5.18	4.67	4.59	4.60	---	4.66
22	4.81	4.91	5.10	5.34	5.55	6.16	5.11	4.65	4.63	4.64	---	4.60
23	4.82	4.98	5.09	5.27	5.51	5.78	5.04	4.64	4.66	4.59	---	4.57
24	4.82	5.07	5.07	5.23	5.46	5.63	4.98	4.63	4.62	4.55	---	4.56
25	4.83	5.64	5.04	5.42	5.42	5.58	4.96	4.63	4.60	4.53	---	4.57
26	4.82	5.41	5.03	5.43	5.43	5.64	4.91	4.62	4.65	4.53	---	4.60
27	4.82	5.18	5.02	5.34	5.37	6.02	4.87	4.62	4.80	4.53	---	4.64
28	4.83	5.08	5.02	5.30	5.33	5.89	4.86	4.61	4.64	4.53	---	4.60
29	4.84	5.06	5.01	5.34	---	5.68	4.92	4.61	4.63	4.52	---	4.56
30	4.85	5.07	5.01	5.27	---	5.59	4.88	4.61	4.61	4.54	4.63	4.55
31	4.85	---	4.99	5.24	---	5.62	---	4.62	---	4.53	4.71	---
MEAN	4.81	4.96	5.12	5.22	5.65	5.94	5.46	4.73	4.68	4.66	---	---
MAX	4.85	5.64	5.58	5.49	7.20	7.62	6.52	5.10	5.23	5.36	---	---
MIN	4.79	4.86	4.98	4.98	5.10	5.31	4.86	4.61	4.59	4.52	---	---

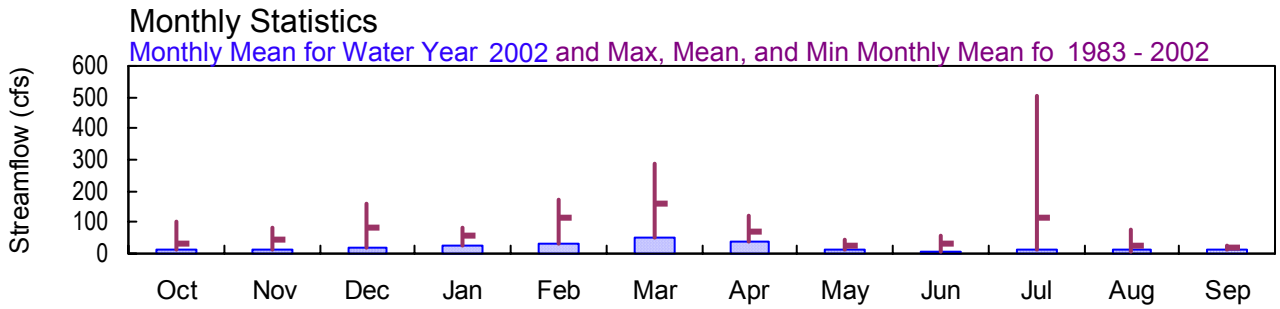
2002 Water Year

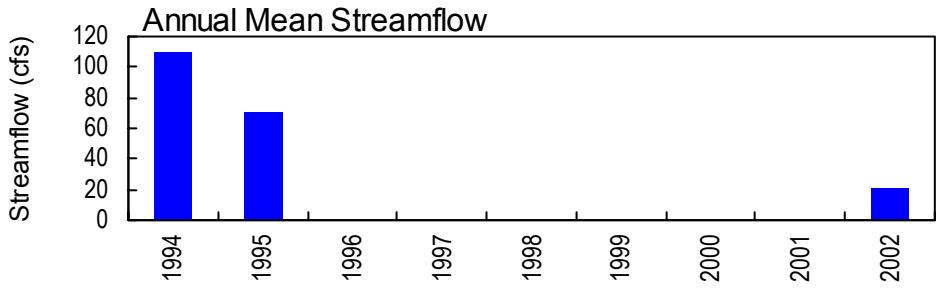
02350080 LIME CREEK NEAR COBB, GA

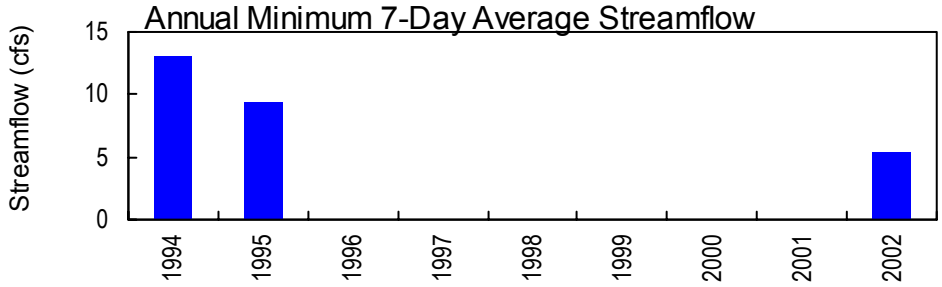
Latitude: 32°02'02" Longitude: 83°59'47" Hydrologic Unit Code: 03130006 Sumter County

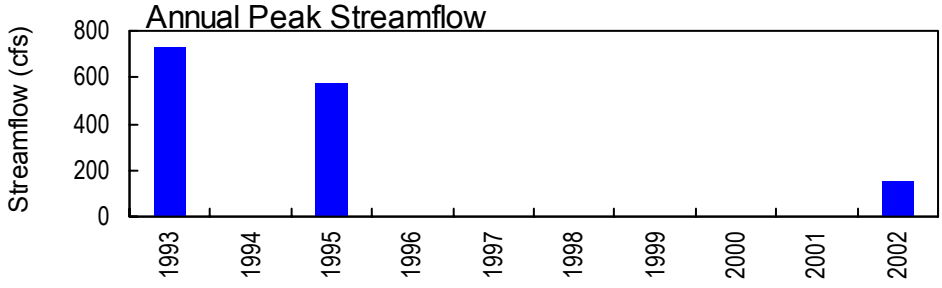
Drainage Area: 61.8 mi^2 Datum: 250.00 feet











APALACHICOLA RIVER BASIN
2001-2002 Water Years

02350080 LIME CREEK NEAR COBB, GA

LOCATION.--Lat 32°02'02", long 83°59'47" referenced to North American Datum (NAD) of 1927, Sumter County, Hydrologic Unit 03130006, on right side of stream, 0.4 miles upstream of bridge crossing for Spring Creek Church Road, 1.85 miles north of intersection of Spring Creek Church Road and Lower River Road, 6.85 miles north of Cobb.

DRAINAGE AREA.—61.8 mi^2, approximately.

COOPERATION.—USGS National Water-Quality Assessment Program.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1983 to January 1984, March 1993 to February 1996, May 30, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 250.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). From April 1983 to January 1984, and from March 1993 to July 1994, a recording gage was located on bridge downstream 0.4 miles downstream.

REMARKS.—Records good.

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1983 to January 1984, March 1993 to July 1994, May 30, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 250.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). From April 1983 to January 1984, and from March 1993 to July 1994, a recording gage was located on bridge downstream 0.4 miles downstream.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.69 feet, July 14; minimum gage-height recorded, 9.03 feet, September 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 30, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02350080 LIME CREEK NEAR COBB, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320202 LONGITUDE 0835947 NAD27 DRAINAGE AREA 61.80* CONTRIBUTING DRAINAGE AREA 61.80 DATUM 250.00 NGVD29
Date Processed: 2003-03-10 12:11 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	12	19	17	20	20	63	25	7.5	7.6	9.7	11
2	14	12	18	18	19	82	55	19	6.9	7.2	18	10
3	13	12	18	21	19	113	49	18	6.4	4.2	8.7	9.9
4	13	13	18	20	18	80	44	13	6.2	4.0	8.2	10
5	11	13	17	19	18	61	40	11	5.3	5.7	8.2	6.8
6	13	12	17	21	32	54	41	11	5.4	5.1	8.3	5.9
7	13	12	17	21	103	50	35	10	6.0	12	7.4	5.1
8	12	13	17	20	64	50	31	10	17	6.1	11	5.5
9	12	13	17	19	49	47	26	8.7	16	3.7	9.6	6.4
10	12	13	28	16	41	48	44	9.6	14	4.1	7.5	7.1
11	12	13	42	16	36	42	51	8.3	12	3.5	7.2	4.8
12	12	13	29	18	31	43	46	9.2	8.9	3.7	6.4	3.9
13	12	13	25	30	28	66	46	10	7.2	18	4.0	5.0
14	12	13	22	24	27	56	69	11	6.4	68	4.9	7.6
15	12	13	21	23	25	50	60	10	8.1	30	11	50
16	12	13	19	21	25	46	52	8.1	7.0	16	9.1	56
17	11	13	19	27	23	44	47	8.3	7.4	13	11	30
18	11	13	31	25	22	41	53	11	4.8	9.8	10	23
19	11	13	26	23	21	41	58	13	5.7	9.1	10	18
20	12	13	23	30	23	39	59	12	5.9	11	9.5	15
21	12	13	21	28	27	73	49	11	4.9	15	14	14
22	12	13	19	25	24	67	38	9.1	4.8	16	9.3	15
23	11	14	19	23	23	61	30	8.3	7.3	12	8.3	13
24	11	16	19	22	21	54	25	8.4	11	13	22	12
25	11	23	18	30	21	47	19	8.1	8.7	12	23	13
26	11	33	18	30	21	49	20	8.6	8.3	10	24	15
27	11	27	17	25	20	55	22	8.2	14	13	22	20
28	11	23	17	23	20	48	23	7.1	8.7	13	16	15
29	12	21	17	22	---	43	22	6.6	7.9	13	12	14
30	12	20	17	22	---	38	22	6.5	8.1	11	9.4	13
31	12	---	17	21	---	42	---	7.3	---	9.3	9.9	---
TOTAL	370	458	642	700	821	1650	1239	325.4	247.8	379.1	349.6	435.0
MEAN	11.9	15.3	20.7	22.6	29.3	53.2	41.3	10.5	8.26	12.2	11.3	14.5
MAX	14	33	42	30	103	113	69	25	17	68	24	56
MIN	11	12	17	16	18	20	19	6.5	4.8	3.5	4.0	3.9
CFSM	0.19	0.25	0.34	0.37	0.47	0.86	0.67	0.17	0.13	0.20	0.18	0.23
IN.	0.22	0.28	0.39	0.42	0.49	0.99	0.75	0.20	0.15	0.23	0.21	0.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2002, BY WATER YEAR (WY)

MEAN	35.1	43.7	80.5	58.1	117	161	70.0	27.1	33.4	112	24.2	18.5
MAX	105	83.7	157	83.1	172	288	124	41.6	55.2	504	77.1	27.1
(WY)	1995	1995	1995	1995	1994	1993	1993	1994	1994	1994	1994	1994
MIN	11.9	15.3	20.7	22.6	29.3	53.2	38.6	10.5	8.26	12.2	7.64	12.9
(WY)	2002	2002	2002	2002	2002	2002	1995	2002	2002	2002	1983	1993

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 1983 - 2002	
ANNUAL TOTAL	7616.9			
ANNUAL MEAN	20.9		66.8	
HIGHEST ANNUAL MEAN			110	1994
LOWEST ANNUAL MEAN			20.9	2002
HIGHEST DAILY MEAN	113	Mar 3	6000	Jul 6 1994
LOWEST DAILY MEAN	3.5	Jul 11	0.01	Jun 1 2001
ANNUAL SEVEN-DAY MINIMUM	5.4	Sep 7	0.78	Jun 5 2001
MAXIMUM PEAK FLOW	151	Jul 14		
MAXIMUM PEAK STAGE	11.69	Jul 14	23.70	Jul 6 1994
INSTANTANEOUS LOW FLOW	2.7	Sep 12		
ANNUAL RUNOFF (CFSM)	0.34		1.08	
ANNUAL RUNOFF (INCHES)	4.58		14.69	
10 PERCENT EXCEEDS	47		137	
50 PERCENT EXCEEDS	15		31	
90 PERCENT EXCEEDS	7.1		10	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02350080 LIME CREEK NEAR COBB, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320202 LONGITUDE 0835947 NAD27 DRAINAGE AREA 61.80* CONTRIBUTING DRAINAGE AREA 61.80 DATUM 250.00 NGVD29
Date Processed: 2003-03-10 12:11 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	16	10
2	---	---	---	---	---	---	---	---	---	---	13	18
3	---	---	---	---	---	---	---	---	---	e119	13	46
4	---	---	---	---	---	---	---	---	---	e89	11	74
5	---	---	---	---	---	---	---	---	---	e68	12	36
6	---	---	---	---	---	---	---	---	---	55	18	25
7	---	---	---	---	---	---	---	---	---	46	17	20
8	---	---	---	---	---	---	---	---	---	38	15	17
9	---	---	---	---	---	---	---	---	---	31	14	16
10	---	---	---	---	---	---	---	---	---	29	14	15
11	---	---	---	---	---	---	---	---	---	29	11	14
12	---	---	---	---	---	---	---	---	---	e28	18	16
13	---	---	---	---	---	---	---	---	---	e26	17	23
14	---	---	---	---	---	---	---	---	---	e24	15	21
15	---	---	---	---	---	---	---	---	---	e22	17	18
16	---	---	---	---	---	---	---	---	---	e19	16	16
17	---	---	---	---	---	---	---	---	---	e17	16	15
18	---	---	---	---	---	---	---	---	64	14	16	14
19	---	---	---	---	---	---	---	---	52	15	14	14
20	---	---	---	---	---	---	---	---	43	16	13	14
21	---	---	---	---	---	---	---	---	35	19	11	12
22	---	---	---	---	---	---	---	---	52	17	11	11
23	---	---	---	---	---	---	---	---	73	14	11	11
24	---	---	---	---	---	---	---	---	46	13	9.8	16
25	---	---	---	---	---	---	---	---	37	19	10	26
26	---	---	---	---	---	---	---	---	30	31	11	20
27	---	---	---	---	---	---	---	---	27	23	11	18
28	---	---	---	---	---	---	---	---	---	20	8.7	16
29	---	---	---	---	---	---	---	---	---	22	11	15
30	---	---	---	---	---	---	---	---	---	21	13	14
31	---	---	---	---	---	---	---	---	---	16	10	---
TOTAL	---	---	---	---	---	---	---	---	---	---	413.5	601
MEAN	---	---	---	---	---	---	---	---	---	---	13.3	20.0
MAX	---	---	---	---	---	---	---	---	---	---	18	74
MIN	---	---	---	---	---	---	---	---	---	---	8.7	10
CFSM	---	---	---	---	---	---	---	---	---	---	0.22	0.32
IN.	---	---	---	---	---	---	---	---	---	---	0.25	0.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2001, BY WATER YEAR (WY)

MEAN	40.9	50.8	95.4	69.9	161	197	79.6	31.2	39.7	137	27.5	19.5
MAX	105	83.7	157	83.1	172	288	124	41.6	55.2	504	77.1	27.1
(WY)	1995	1995	1995	1995	1994	1993	1993	1994	1994	1994	1994	1994
MIN	14.8	29.6	40.2	63.2	151	116	38.6	17.7	15.4	13.4	7.64	12.9
(WY)	1984	1996	1994	1994	1995	1995	1995	1995	1993	1993	1983	1993

SUMMARY STATISTICS WATER YEARS 1983 - 2001

ANNUAL MEAN	89.8	
HIGHEST ANNUAL MEAN	110	1994
LOWEST ANNUAL MEAN	69.8	1995
HIGHEST DAILY MEAN	6000	Jul 6 1994
LOWEST DAILY MEAN	3.2	Aug 17 1983
ANNUAL SEVEN-DAY MINIMUM	4.6	Aug 16 1983
MAXIMUM PEAK STAGE	23.70	Jul 6 1994
ANNUAL RUNOFF (CFSM)	1.45	
ANNUAL RUNOFF (INCHES)	19.75	
10 PERCENT EXCEEDS	177	
50 PERCENT EXCEEDS	48	
90 PERCENT EXCEEDS	14	

e Estimated

STATION NUMBER 02350080 LIME CREEK NEAR COBB, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320202 LONGITUDE 0835947 NAD27 DRAINAGE AREA 61.80 CONTRIBUTING DRAINAGE AREA 61.80* DATUM 250.00 NGVD29
Date Processed: 2003-03-10 12:03 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.02	10.01	10.18	10.12	10.20	10.19	10.76	10.28	9.73	9.74	9.53	9.57
2	10.02	10.01	10.16	10.15	10.19	10.96	10.63	10.18	9.70	9.70	9.81	9.57
3	10.01	10.02	10.15	10.22	10.17	11.37	10.53	10.14	9.67	9.50	9.48	9.53
4	10.00	10.03	10.14	10.20	10.16	10.99	10.45	9.98	9.65	9.48	9.45	9.56
5	9.94	10.03	10.13	10.18	10.15	10.72	10.38	9.94	9.59	9.62	9.45	9.37
6	10.01	10.02	10.13	10.20	10.37	10.62	10.40	9.92	9.59	9.56	9.46	9.31
7	10.00	10.02	10.13	10.22	11.28	10.54	10.32	9.88	9.64	9.92	9.41	9.25
8	9.98	10.03	10.12	10.19	10.85	10.56	10.26	9.88	10.09	9.64	9.57	9.28
9	9.98	10.03	10.12	10.17	10.63	10.50	10.19	9.80	10.11	9.46	9.53	9.35
10	9.97	10.03	10.31	10.10	10.52	10.51	10.45	9.85	10.02	9.49	9.41	9.39
11	9.97	10.03	10.54	10.11	10.44	10.41	10.57	9.78	9.94	9.44	9.39	9.22
12	9.97	10.03	10.35	10.14	10.38	10.43	10.47	9.83	9.81	9.46	9.34	9.14
13	9.97	10.04	10.28	10.36	10.34	10.79	10.48	9.89	9.72	9.78	9.16	9.24
14	9.98	10.04	10.24	10.27	10.32	10.65	10.84	9.92	9.66	10.66	9.24	9.41
15	9.98	10.04	10.22	10.25	10.29	10.55	10.71	9.88	9.77	10.07	9.58	10.44
16	9.97	10.04	10.18	10.21	10.28	10.48	10.59	9.76	9.70	9.78	9.50	10.55
17	9.96	10.04	10.18	10.32	10.26	10.45	10.50	9.78	9.73	9.66	9.57	10.08
18	9.96	10.04	10.38	10.29	10.24	10.40	10.59	9.92	9.55	9.53	9.55	9.93
19	9.97	10.04	10.31	10.26	10.22	10.40	10.67	9.99	9.62	9.50	9.55	9.84
20	9.97	10.05	10.25	10.37	10.25	10.37	10.69	9.94	9.63	9.57	9.52	9.75
21	9.98	10.05	10.21	10.33	10.31	10.88	10.53	9.92	9.56	9.67	9.70	9.73
22	9.98	10.05	10.18	10.29	10.27	10.82	10.37	9.82	9.55	9.76	9.51	9.74
23	9.98	10.08	10.17	10.26	10.25	10.72	10.28	9.78	9.72	9.64	9.46	9.68
24	9.98	10.12	10.17	10.24	10.22	10.61	10.20	9.79	9.89	9.66	9.90	9.64
25	9.98	10.26	10.15	10.36	10.21	10.50	10.09	9.76	9.80	9.64	9.93	9.65
26	9.98	10.40	10.14	10.37	10.21	10.52	10.13	9.80	9.78	9.56	9.96	9.73
27	9.97	10.32	10.13	10.29	10.20	10.62	10.19	9.77	10.01	9.66	9.90	9.87
28	9.97	10.26	10.13	10.26	10.18	10.51	10.20	9.71	9.80	9.68	9.78	9.76
29	9.98	10.22	10.12	10.24	---	10.43	10.19	9.68	9.76	9.66	9.63	9.71
30	9.99	10.19	10.12	10.23	---	10.36	10.21	9.67	9.77	9.60	9.52	9.69
31	10.0	---	10.12	10.22	---	10.41	---	9.72	---	9.51	9.54	---
MEAN	9.98	10.09	10.20	10.24	10.34	10.59	10.43	9.87	9.75	9.66	9.56	9.63
MAX	10.02	10.40	10.54	10.37	11.28	11.37	10.84	10.28	10.11	10.66	9.96	10.55
MIN	9.94	10.01	10.12	10.10	10.15	10.19	10.09	9.67	9.55	9.44	9.16	9.14

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02350080 LIME CREEK NEAR COBB, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320202 LONGITUDE 0835947 NAD27 DRAINAGE AREA 61.80 CONTRIBUTING DRAINAGE AREA 61.80* DATUM 250.00 NGVD29
Date Processed: 2003-03-10 12:03 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	13.27	10.10	9.87
2	---	---	---	---	---	---	---	---	---	11.94	10.01	10.16
3	---	---	---	---	---	---	---	---	---	11.43	10.01	10.56
4	---	---	---	---	---	---	---	---	---	---	9.93	10.93
5	---	---	---	---	---	---	---	---	---	---	9.97	10.45
6	---	---	---	---	---	---	---	---	---	10.73	10.16	10.29
7	---	---	---	---	---	---	---	---	---	10.59	10.11	10.20
8	---	---	---	---	---	---	---	---	---	10.47	10.07	10.13
9	---	---	---	---	---	---	---	---	---	10.39	10.03	10.09
10	---	---	---	---	---	---	---	---	---	10.36	10.02	10.06
11	---	---	---	---	---	---	---	---	---	10.36	9.93	10.05
12	---	---	---	---	---	---	---	---	---	---	10.15	10.10
13	---	---	---	---	---	---	---	---	---	---	10.11	10.26
14	---	---	---	---	---	---	---	---	---	---	10.08	10.21
15	---	---	---	---	---	---	---	---	---	---	10.12	10.15
16	---	---	---	---	---	---	---	---	---	---	10.09	10.11
17	---	---	---	---	---	---	---	---	---	---	10.09	10.07
18	---	---	---	---	---	---	---	---	10.84	10.03	10.10	10.05
19	---	---	---	---	---	---	---	---	10.69	10.07	10.04	10.03
20	---	---	---	---	---	---	---	---	10.54	10.07	10.00	10.02
21	---	---	---	---	---	---	---	---	10.44	10.18	9.91	9.97
22	---	---	---	---	---	---	---	---	10.67	10.13	9.89	9.92
23	---	---	---	---	---	---	---	---	10.94	10.05	9.90	9.91
24	---	---	---	---	---	---	---	---	10.59	10.01	9.85	10.08
25	---	---	---	---	---	---	---	---	10.46	10.18	9.88	10.30
26	---	---	---	---	---	---	---	---	10.37	10.38	9.92	10.20
27	---	---	---	---	---	---	---	---	10.31	10.26	9.89	10.16
28	---	---	---	---	---	---	---	---	12.24	10.19	9.80	10.11
29	---	---	---	---	---	---	---	---	12.20	10.22	9.92	10.08
30	---	---	---	---	---	---	---	---	12.32	10.21	9.99	10.04
31	---	---	---	---	---	---	---	---	---	10.09	9.87	---
MEAN	---	---	---	---	---	---	---	---	---	---	10.00	10.15
MAX	---	---	---	---	---	---	---	---	---	---	10.16	10.93
MIN	---	---	---	---	---	---	---	---	---	---	9.80	9.87

STATION NUMBER 02350080 LIME CREEK NEAR COBB, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320202 LONGITUDE 0835947 NAD27 DRAINAGE AREA 61.80 CONTRIBUTING DRAINAGE AREA 61.80* DATUM 250.00 NGVD29
Date Processed: 2003-03-10 12:08 By acday
APPROVED
DD #5, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.40	0.00
2	0.13	0.09	0.00	0.42	0.00	2.16	0.00	0.00	0.00	0.01	0.00	0.00
3	0.00	0.00	0.00	0.07	0.00	0.18	0.00	0.00	0.00	0.26	0.05	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.02	0.00	0.00
5	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
6	0.42	0.00	0.00	0.24	2.04	0.00	0.00	0.00	0.00	1.45	0.00	0.00
7	0.00	0.00	0.00	0.02	0.24	0.00	0.00	0.00	0.37	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.32	0.27	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	1.91	0.00	0.00	0.01	0.59	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.02	0.80	0.00	0.58	0.08	0.00	0.00	0.56	0.00	0.00
13	0.00	0.00	0.01	0.01	0.00	0.00	0.13	0.38	0.00	1.34	0.00	0.28
14	0.10	0.00	0.00	0.15	0.00	0.00	0.04	0.00	0.22	0.47	0.00	1.40
15	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.28	2.34
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.00
17	0.00	0.00	0.70	0.00	0.00	0.00	0.07	0.08	0.01	0.00	0.00	0.01
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.08	0.09
19	0.00	0.00	0.00	0.44	0.00	0.00	0.02	0.00	0.00	0.00	0.14	0.00
20	0.00	0.00	0.00	0.01	0.23	0.00	0.00	0.00	0.07	0.00	0.68	0.05
21	0.00	0.00	0.00	0.05	0.00	1.07	0.00	0.00	0.05	1.41	0.17	0.00
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.24	0.00	0.01	0.00
23	0.00	0.47	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
25	0.00	1.05	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.20	0.60	0.12
26	0.00	0.01	0.00	0.00	0.00	0.43	0.36	0.00	0.38	0.18	0.04	0.68
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.09	0.05
28	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.48	0.00	0.00	0.00	0.01	0.00
30	0.00	0.04	0.00	0.01	---	0.00	0.46	0.03	0.00	0.00	0.02	0.00
31	0.00	---	0.00	0.01	---	1.01	---	0.20	---	0.60	0.00	---
TOTAL	1.07	1.66	2.66	2.79	2.51	5.76	2.51	1.23	1.71	6.51	4.60	5.12

STATION NUMBER 02350080 LIME CREEK NEAR COBB, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320202 LONGITUDE 0835947 NAD27 DRAINAGE AREA 61.80 CONTRIBUTING DRAINAGE AREA 61.80* DATUM 250.00 NGVD29
Date Processed: 2003-03-10 12:08 By acday
APPROVED
DD #5, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	0.13	0.06	0.01	0.28
2	---	---	---	---	---	---	---	---	0.00	0.00	0.00	1.38
3	---	---	---	---	---	---	---	---	2.64	---	0.00	1.41
4	---	---	---	---	---	---	---	---	0.52	---	0.00	0.00
5	---	---	---	---	---	---	---	---	0.05	---	0.30	0.12
6	---	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00
7	---	---	---	---	---	---	---	---	0.58	0.00	0.00	0.00
8	---	---	---	---	---	---	---	---	0.84	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	0.14	0.05	0.00	---
10	---	---	---	---	---	---	---	---	0.35	0.35	0.13	0.48
11	---	---	---	---	---	---	---	---	0.33	0.01	0.01	0.21
12	---	---	---	---	---	---	---	---	0.68	---	0.11	0.15
13	---	---	---	---	---	---	---	---	0.00	---	0.01	0.00
14	---	---	---	---	---	---	---	---	0.06	---	0.05	0.00
15	---	---	---	---	---	---	---	---	0.00	---	0.00	0.00
16	---	---	---	---	---	---	---	---	0.32	---	0.00	0.00
17	---	---	---	---	---	---	---	---	0.00	---	0.00	0.00
18	---	---	---	---	---	---	---	---	---	---	0.00	0.00
19	---	---	---	---	---	---	---	---	0.58	0.00	0.26	0.00
20	---	---	---	---	---	---	---	---	0.01	0.23	0.00	0.00
21	---	---	---	---	---	---	---	---	0.30	0.00	0.00	0.00
22	---	---	---	---	---	---	---	---	0.72	0.00	0.00	0.00
23	---	---	---	---	---	---	---	---	0.00	0.09	0.00	0.00
24	---	---	---	---	---	---	---	---	0.00	0.12	0.00	1.35
25	---	---	---	---	---	---	---	---	0.00	0.01	0.00	0.00
26	---	---	---	---	---	---	---	---	0.00	0.04	0.00	0.00
27	---	---	---	---	---	---	---	---	1.15	0.01	---	0.00
28	---	---	---	---	---	---	---	---	0.26	0.00	0.14	0.00
29	---	---	---	---	---	---	---	---	0.03	0.62	0.01	0.00
30	---	---	---	---	---	---	---	---	2.22	0.04	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.14	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---

APALACHICOLA RIVER BASIN
2001-2002 Water Years

02350080 LIME CREEK NEAR COBB, GA

LOCATION.--Lat 32°02'02", long 83°59'47", referenced to North American Datum (NAD) of 1927, Sumter County, Hydrologic Unit 03130006, on right side of stream, 0.4 miles upstream of bridge crossing for Spring Creek Church Road, 1.85 miles north of intersection of Spring Creek Church Road and Lower River Road, 6.85 miles north of Cobb.

DRAINAGE AREA.—61.8 mi^2, approximately.

REMARKS.---Datum of gage is 250.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)
FEB													
27...	1015	1028	80020	10.54	42	10	8.0	765	8.2	82	6.6	119	17.0
27...	1016	1028	1028	10.54	42	10	8.0	--	--	--	--	--	--
MAR													
14...	1000	1028	80020	12.84	>200	10	40	761	7.2	71	6.7	71	22.5
14...	1001	1028	1028	12.84	>200	10	40	--	--	--	--	--	--
APR													
19...	1415	1028	80020	10.61	47	10	11	768	8.0	79	6.9	109	26.0
19...	1416	1028	1028	10.61	47	10	11	--	--	--	--	--	--
MAY													
23...	1200	1028	80020	10.14	18	10	15	760	6.9	77	7.0	99	22.5
23...	1201	1028	1028	10.14	18	10	15	--	--	--	--	--	--
JUN													
06...	0815	--	80020	10.51	2.8	10	45	764	6.5	77	6.6	94	25.0
06...	0816	1028	1028	10.51	2.8	10	45	--	--	--	--	--	--
JUL													
12...	0800	--	80020	10.33	28	10	16	757	6.1	76	6.5	90	26.0
12...	0801	1028	82213	10.33	28	10	15	--	--	--	--	--	--
AUG													
08...	0830	--	80020	10.08	15	40	15	765	6.8	83	6.6	64	24.0
08...	0831	1028	82213	10.08	15	40	15	--	--	--	--	--	--
SEP													
13...	0815	--	80020	10.27	24	10	11	764	7.0	83	7.2	95	20.5
13...	0816	1028	1028	10.27	24	10	11	--	--	--	--	--	--

Date	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
FEB													
27...	15.5	7	53	19.5	1.01	.76	.2	2.62	10	45	55	5.92	<.2
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	14.6	10	31	10.8	.956	1.36	.2	2.41	14	21	25	5.13	<.2
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
19...	14.9	10	47	16.7	1.19	.89	.2	2.51	10	37	45	5.61	<.2
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
23...	21.1	8	43	15.3	1.10	.71	.2	2.35	10	35	43	4.51	E.1
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
06...	23.8	8	39	13.8	1.13	1.17	.1	2.00	10	32	38	4.39	<.2
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	26.3	7	37	13.0	1.23	1.16	.2	2.43	12	30	37	4.65	<.2
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	25.4	5	25	8.37	1.01	.83	.2	2.32	16	20	25	4.39	<.2
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
13...	23.9	5	41	14.5	1.07	1.18	.1	2.18	10	36	44	4.83	<.2
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)
FEB													
27...	6.49	5.7	8.51	75	70	<.04	.19	.30	.38	--	--	.19	--
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	6.06	5.4	--	59	47	<.04	.31	.47	.78	--	--	.47	--
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
19...	6.14	2.9	9.01	71	61	E.03	.26	.37	.80	.53	2.35	.54	.026
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
23...	7.38	2.6	3.21	66	57	E.02	.17	.24	.45	--	--	.28	--
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
06...	8.51	2.9	.46	61	54	E.02	.26	.48	.50	--	--	.23	--
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	8.86	1.8	5.29	70	53	E.02	.28	1.1	.53	--	--	.25	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	9.31	.8	1.98	49	40	<.04	.18	.29	.34	--	--	.17	--
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
13...	9.16	.9	4.41	68	56	<.04	.25	.29	.39	--	--	.14	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, TOTAL (MG/L AS N) (00600)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALPHA BHC DISSOLVED (UG/L) (34253)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
FEB													
27...	<.006	.49	E.005	<.02	.019	253	216	<.002	<.004	<.002	<.005	E.002	<.010
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	E.005	.94	.013	<.02	.069	274	70.4	<.002	<.004	<.002	<.005	E.005	<.010
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
19...	.008	.91	.007	<.02	.026	310	182	<.002	<.004	<.002	<.005	E.006	<.010
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
23...	<.006	.52	E.005	<.02	.031	172	182	<.002	<.004	<.002	<.005	.051	<.010
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
06...	E.005	.72	.011	<.02	.068	419	171	<.002	<.004	.008	<.005	.024	<.010
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	E.003	1.4	.006	<.02	.033	514	205	<.002	<.004	<.002	<.005	.061	<.010
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	<.006	.45	E.005	<.02	.023	202	70.6	<.002	<.004	<.002	<.005	.069	<.010
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
13...	<.006	.43	E.006	<.02	.023	44	65.6	<.002	<.004	<.002	<.005	.039	<.010
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	DIAZINON, DISSOLVED (UG/L) (39572)	DIELDRIN DISSOLVED (UG/L) (39381)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALATHION, DISSOLVED (UG/L) (39532)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)
FEB													
27...	<.003	E.003	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	<.003	E.003	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
19...	<.003	E.004	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
23...	<.003	E.010	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
06...	<.003	E.005	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	<.003	E.006	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	<.003	E.003	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
13...	<.003	E.005	<.005	<.005	<.02	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
FEB													
27...	<.006	<.013	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
14...	<.006	E.004	<.006	<.004	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
19...	<.006	E.006	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
23...	<.006	E.002	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
06...	<.006	.020	<.006	<.002	<.007	<.003	<.007	<.002	E.009	<.006	<.011	<.01	<.004
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
12...	<.006	E.005n	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
08...	<.006	<.013	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
13...	<.006	E.006	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.01	<.004
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
FEB													
27...	<.010	<.011	<.02	.025	<.02	<.034	<.02	--	<.005	<.002	<.009	--	--
27...	--	--	--	--	--	--	--	--	--	--	--	99	28
MAR													
14...	<.010	<.011	<.02	.509	M	<.034	<.02	--	<.005	<.002	<.009	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	90	50
APR													
19...	<.010	<.011	<.02	.035	<.02	<.034	<.02	--	<.005	<.002	<.009	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	92	12
MAY													
23...	<.010	<.011	<.02	<.011	E.01	<.034	<.02	--	<.005	<.002	<.009	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	98	14
JUN													
06...	<.010	<.011	<.02	E.005	E.01	<.034	<.02	--	<.005	<.002	.017	--	--
06...	--	--	--	--	--	--	--	--	--	--	--	97	30
JUL													
12...	<.010	<.011	<.02	<.011	E.01n	<.034	<.02	U	<.005	<.002	<.009	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	97	13
AUG													
08...	<.010	<.011	<.02	<.011	E.01	<.034	<.02	--	<.005	<.002	<.009	--	--
08...	--	--	--	--	--	--	--	--	--	--	--	96	11
SEP													
13...	<.010	<.011	<.02	<.011	<.02	<.034	<.02	--	<.005	<.002	<.009	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	93	11

Date	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
FEB			
27...	--	15.00	3045
27...	3.2	15.00	3045
MAR			
14...	--	15.00	3051
14...	--	15.00	3051
APR			
19...	--	15.00	3045
19...	1.5	15.00	3045
MAY			
23...	--	15.00	3045
23...	.68	15.00	3045
JUN			
06...	--	15.00	3045
06...	.23	15.00	3045
JUL			
12...	--	15.00	3045
12...	.98	15.00	3045
AUG			
08...	--	15.00	3070
08...	.45	15.00	3070
SEP			
13...	--	15.00	3045
13...	.71	15.00	3045

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE AIR (DEG C) (00020)
OCT													
18...	0845	--	80020	9.96	11	40	6.1	769	8.8	83	7.0	62	6.0
NOV													
13...	1500	--	80020	10.03	13	40	5.6	770	8.5	82	7.0	64	21.5
DEC													
12...	1045	1028	80020	10.35	29	10	10	769	8.1	78	7.0	100	--
JAN													
17...	1045	1028	80020	10.34	28	10	5.9	767	10.6	87	7.1	85	12.0
FEB													
13...	1130	1028	80020	10.35	29	10	9.0	769	10.7	94	7.0	114	12.0
27...	1045	1028	80020	10.20	20	10	5.5	767	9.8	86	7.2	111	2.0
MAR													
14...	1000	1028	80020	10.66	57	10	13	763	9.4	92	7.1	115	15.5
28...	0945	1028	80020	10.51	48	10	10	765	8.3	82	7.0	120	12.0
APR													
04...	1300	1028	80020	10.45	44	10	11	765	7.5	81	7.1	116	20.5
09...	1000	1028	80020	10.18	26	10	11	767	7.6	81	6.8	115	19.0
17...	1015	--	80020	10.48	46	10	17	766	7.2	81	7.0	108	24.5
21...	2015	1028	80020	10.46	44	10	18	758	6.6	79	7.1	101	24.0
MAY													
02...	1230	1028	80020	10.17	19	10	16	758	6.9	80	6.8	117	29.0
07...	1430	1028	80020	9.90	11	10	14	764	7.4	85	7.2	112	29.5
16...	1345	1028	80020	9.76	8.0	40	12	765	6.9	76	6.8	103	30.5
31...	0930	1028	80020	9.70	6.9	40	.2	757	6.5	75	6.9	82	--
JUN													
05...	0830	1028	80020	9.57	5.1	40	12	761	5.9	71	6.9	90	--
13...	0900	1028	80020	9.75	7.8	40	12	757	6.2	75	7.0	73	--
18...	1000	1028	80020	--	--	--	--	--	5.3	--	7.3	87	--
18...	1500	--	80020	--	--	--	--	--	--	--	--	--	--
26...	0900	1028	80020	9.77	8.1	40	19	763	6.5	78	7.0	71	--
JUL													
11...	0915	1028	80020	9.43	3.4	40	19	759	5.9	72	7.0	89	--
23...	1100	1028	80020	9.63	12	40	20	763	6.3	76	7.1	95	--
AUG													
07...	0945	--	80020	9.40	7.3	40	16	759	5.2	64	6.9	82	--
22...	0900	1028	80020	9.50	6.2	40	18	764	6.2	75	7.0	72	--
SEP													
05...	1015	1028	80020	9.33	6.2	40	12	760	6.1	73	7.0	66	--
17...	1445	1028	80020	10.05	29	10	19	762	6.7	81	6.9	77	--

02350080 LIME CREEK NEAR COBB, GA--continued

Date	TEMPERATURE WATER (DEG C) (00010)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN,PARTICULTE WAT FLT SUSP (MG/L AS N) (49570)	NITROGEN, TOTAL (MG/L AS N) (00600)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)
OCT													
18...	13.2	23	28	--	--	<.04	.21	.13	<.008	--	.05	.33	<.02
NOV													
13...	14.1	25	30	4.20	1.0	<.04	.17	.08	<.008	--	.04	.25	<.02
DEC													
12...	14.2	33	39	6.77	3.2	E.03	.32	.39	E.005	--	.03	.71	<.02
JAN													
17...	7.2	30	36	5.43	3.1	E.03	.19	.32	<.008	--	<.02	.51	<.02
FEB													
13...	10.0	38	46	5.85	6.0	E.02	.27	.41	<.008	--	.05	.68	<.02
27...	9.8	--	--	--	--	E.02	.16	.26	<.008	--	--	.42	<.02
MAR													
14...	14.4	41	49	6.22	5.1	--	--	--	--	--	.05	--	--
28...	15.1	--	--	--	--	E.03	.29	.20	<.008	--	--	.49	<.02
APR													
04...	19.2	--	--	--	--	E.04	.36	.24	<.008	--	--	.60	<.02
09...	18.5	--	--	--	--	.04	.34	.28	E.006	.30	--	.63	<.02
17...	21.1	36	44	5.35	2.7	.05	.43	.27	E.007	.38	.04	.70	<.02
21...	23.8	--	--	--	--	.04	.42	.24	E.006	.37	--	.66	<.02
MAY													
02...	22.5	--	--	--	--	E.04	.39	.29	E.005	--	--	.68	<.02
07...	22.4	--	--	--	--	<.04	.27	.34	E.004	--	--	.61	<.02
16...	20.2	40	49	3.95	3.4	<.04	.24	.29	<.008	--	<.02	.53	<.02
31...	21.8	--	--	--	--	<.04	.23	.26	<.008	--	--	.49	<.02
JUN													
05...	24.6	--	--	--	--	<.04	.23	.26	<.008	--	--	.50	<.02
13...	24.3	24	29	3.92	1.3	E.02	.25	.23	<.008	--	.08	.48	<.02
18...	23.7	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	24.9	--	--	--	--	<.04	.26	.24	<.008	--	--	.50	<.02
JUL													
11...	25.2	33	40	4.22	1.2	<.04	.32	.33	<.008	--	.06	.65	<.02
23...	25.2	--	--	--	--	<.04	.32	.28	E.004	--	--	.60	<.02
AUG													
07...	26.0	29	35	4.33	.8	E.02	.29	.29	E.004	--	.04	.58	<.02
22...	25.3	--	--	--	--	<.04	.30	.22	<.008	--	--	.52	<.02
SEP													
05...	24.3	24	29	4.96	.3	<.04	.24	.18	E.004	--	.06	.42	<.02
17...	25.1	--	--	--	--	E.02	.36	.29	<.008	--	--	.65	<.02

Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
OCT													
18...	.017	.4	--	2.6	--	--	--	--	<.009	<.02	<.02	--	<.002
NOV													
13...	.013	.2	--i	2.4	--i	--	--	--	<.009	<.02	<.02	--	<.002
DEC													
12...	.027	.5	<.1	4.6	.5	--	--	--	<.009	<.02	<.02	--	<.002
JAN													
17...	.014	.4	<.1	2.5	.4	--	--	--	<.009	<.02	<.02	--	<.006
FEB													
13...	.018	.6	<.1	3.4	.6	--	--	--	<.009	<.02	<.02	--	<.006
27...	.015	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
MAR													
14...	--	.6	<.1	4.4	.6	--	--	--	<.009	<.02	<.02	--	<.006
28...	.024	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
APR													
04...	.027	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
09...	E.03	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
17...	.037	1.1	<.1	4.4	1.1	--	--	--	<.009	<.02	<.02	--	<.006
21...	.042	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
MAY													
02...	.037	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
07...	.031	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
16...	.024	.5	<.1	2.6	.5	--	--	--	<.009	<.02	<.02	--	<.006
31...	.028	--	--	--	--	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006
JUN													
05...	.027	--	--	--	--	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006
13...	.037	.6	<.1	2.7	.6	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	.042	--	--	--	--	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006
JUL													
11...	.038	.4	<.1	2.7	.4	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006
23...	.047	--	--	--	--	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006
AUG													
07...	.048	.3	<.1	3.8	.3	--	--	--	<.009	<.02	<.02	--	<.006
22...	.042	--	--	--	--	--	--	--	<.009	.12	<.02	--	<.006
SEP													
05...	.028	.3	<.1	3.3	.3	--	--	--	<.009	<.02	<.02	--	<.006
17...	.046	--	--	--	--	--	--	--	<.009	E.01	<.02	--	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	AMINO-METHYL-PHOS-PHONIC ACID, WAT FLT (UG/L) (62649)
OCT													
18...	--	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--
NOV													
13...	--	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--
DEC													
12...	--	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--
JAN													
17...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
FEB													
13...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
27...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
MAR													
14...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
28...	--	--	--	<.006	--	<.006	<.059	<.004	<.02	<.008	<.04	<.005	--
APR													
04...	--	--	--	<.006	--	<.006	<.118	<.004	<.02	<.008	<.04	<.005	--
09...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
17...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
21...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
MAY													
02...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
07...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
16...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
31...	<.1	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1
JUN													
05...	<.1	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1
13...	<.1	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.1	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1
JUL													
11...	<.1	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1
23...	<.1	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
AUG													
07...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
22...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.1
SEP													
05...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
17...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--

Date	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)
OCT													
18...	--	--	--	--	.010	--	<.03	<.010	<.004	<.02	<.01	--	--
NOV													
13...	--	--	--	--	<.009	--	<.03	<.010	<.004	<.02	<.01	--	--
DEC													
12...	--	--	--	--	<.007	--	<.03	<.010	<.004	<.02	Mm	--	--
JAN													
17...	--	--	--	--	.007	--	<.03	<.010	<.004	<.02	<.01	--	--
FEB													
13...	--	--	--	--	E.005n	--	<.03	<.010	<.004	<.02	<.01	--	--
27...	--	--	--	--	.012	--	<.03	<.010	<.004	<.02	<.01	--	--
MAR													
14...	--	--	--	--	.026	--	<.03	<.010	<.004	<.02	<.01	--	--
28...	--	--	--	--	.033	--	<.03	<.010	<.004	<.02	<.01	--	--
APR													
04...	--	--	--	--	.032	--	<.03	<.010	<.004	<.02	<.01	--	--
09...	--	--	--	--	.048	--	<.03	<.010	<.004	<.02	<.01	--	--
17...	--	--	--	--	.083	--	<.03	<.010	<.004	<.02	<.01	--	--
21...	--	--	--	--	.117	--	<.03	<.010	<.004	<.02	<.01	--	--
MAY													
02...	--	--	--	--	.104	--	<.03	<.010	<.004	<.02	<.01	--	--
07...	--	--	--	--	.063	--	<.03	<.010	<.004	<.02	<.01	--	--
16...	--	--	--	--	.041	--	<.03	<.010	<.004	<.02	<.01	--	--
31...	<.004	<.004	<.005	<.01	.028	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.05
JUN													
05...	<.004	<.004	<.005	<.01	.019	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.05
13...	<.004	<.004	<.005	<.01	.019	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.05
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.004	<.004	<.005	<.01	.017	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.05
JUL													
11...	<.004	<.004	<.005	<.01	.009	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.05
23...	<.004	<.004	<.005	<.01	.010	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.05
AUG													
07...	--	--	--	--	.008	--	<.03	<.010	<.004	<.02	<.01	--	--
22...	--	--	--	--	E.005n	--	<.03	<.010	<.004	<.02	<.01	--	--
SEP													
05...	--	--	--	--	E.004n	--	<.03	<.010	<.004	<.02	<.01	--	--
17...	--	--	--	--	<.007	--	<.03	<.010	<.004	<.02	<.01	--	--

02350080 LIME CREEK NEAR COBB, GA--continued

Date	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)
OCT													
18...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
NOV													
13...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
DEC													
12...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
JAN													
17...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
FEB													
13...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
27...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
MAR													
14...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
28...	--	<.03	<.02	.012	<.03	<.006	<.02	<.010	--	--	--	<.01	--
APR													
04...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
09...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
17...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
21...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
MAY													
02...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
07...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
16...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
31...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008
JUN													
05...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008
13...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008
JUL													
11...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008
23...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008
AUG													
07...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
22...	--	<.03	<.02	<.010	M	<.006	<.02	<.010	--	--	--	<.01	--
SEP													
05...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
17...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--

Date	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)
OCT													
18...	--	--	<.003	<.03	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
NOV													
13...	--	<.01	<.003	<.03	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
DEC													
12...	--	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	E.01n
JAN													
17...	--	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
FEB													
13...	--	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
27...	--	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
MAR													
14...	--	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
28...	--	--u	<.003	E.007	<.01	E.01	<.005	<.01	<.01	<.005	--	<.01	<.03
APR													
04...	--	<.01	<.003	<.006	<.01	E.01	<.005	<.01	<.01	<.005	--	<.01	<.03
09...	--	<.01	<.003	<.006	<.01	M	<.005	<.01	<.01	<.005	--	<.01	<.03
17...	--	<.01	<.003	<.006	<.01	E.02	<.005	<.01	<.01	<.005	--	<.01	<.03
21...	--	<.01	<.003	E.008	<.01	E.03	<.005	<.01	<.01	<.005	--	<.01	E.01
MAY													
02...	--	<.01	<.003	E.014	<.01	E.02	<.005	<.01	<.01	<.005	--	<.01	<.03
07...	--	<.01	<.003	E.008	<.01	E.01	<.005	<.01	<.01	<.005	--	<.01	<.03
16...	--	<.01	<.003	E.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
31...	<.009	<.01	<.003	<.007	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03
JUN													
05...	<.009	<.01	<.003	E.005	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03
13...	<.009	<.01	<.003	E.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.009	<.01	<.003	E.005	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03
JUL													
11...	<.009	<.01	<.003	E.003	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03
23...	<.009	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03
AUG													
07...	--	<.01	<.003	E.003	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
22...	--	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	M
SEP													
05...	--	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03
17...	--	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03

Date	DISULFOTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULFOTON SULFOXIDE WAT FLT REC (UG/L) (61641)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DIMETHOMORPH WATER FLTRD REC (UG/L) (79844)	ENDOSULFAN ALPHA DISSOLV (UG/L) (34362)	ENDOSULFAN BETA DISSOLV (UG/L) (34357)	ENDOSULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDOSULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)
OCT													
18...	--	--	<.02	M	--	--	--	--	--	<.002	<.009	--	--
NOV													
13...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
DEC													
12...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
JAN													
17...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
FEB													
13...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
27...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
MAR													
14...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
28...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
APR													
04...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
09...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
17...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
21...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
MAY													
02...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
07...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
16...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
31...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.050	<.009	<.004	<.03
JUN													
05...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03
13...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03
JUL													
11...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03
23...	<.02	<.002	<.02	.06	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03
AUG													
07...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
22...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
SEP													
05...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
17...	--	--	<.02	E.01	--	--	--	--	--	<.002	<.009	--	--

Date	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	GLUFO-SINATE, WATER, FLTRD, GF 0.7U REC (UG/L) (62721)
OCT													
18...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
NOV													
13...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
DEC													
12...	<.005	--	--	--	--	--	<.03	--	<.01	E.01n	--	<.003	--
JAN													
17...	<.005	--	--	--	--	--	<.03	--	<.01	E.01n	--	<.003	--
FEB													
13...	<.005	--	--	--	--	--	<.03	--	<.01	E.01n	--	<.003	--
27...	<.005	--	--	--	--	--	<.03	--	<.01	E.01n	--	<.003	--
MAR													
14...	<.005	--	--	--	--	--	<.03	--	<.01	E.01n	--	<.003	--
28...	<.005	--	--	--	--	--	<.03	--	<.01	E.02	--	<.003	--
APR													
04...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
09...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
17...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
21...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
MAY													
02...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
07...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
16...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
31...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E.01	<.002	<.003	<.1
JUN													
05...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E.01	<.002	<.003	<.1
13...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E.01	<.002	<.003	<.1
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E.01	<.002	<.003	<.1
JUL													
11...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E.01	<.002	<.003	<.1
23...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E.02	<.002	<.003	--
AUG													
07...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	--
22...	<.005	--	--	--	--	--	<.03	--	<.01	E.01	--	<.003	<.1
SEP													
05...	<.005	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--
17...	<.005	--	--	--	--	--	<.03	--	<.01	M	--	<.003	--

Date	GLYPHOSATE, WATER, FLTRD, GF 0.7U REC (UG/L) (62722)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXYATRAZINE WATER FLTRD REC (UG/L) (50355)	HYDROXYMETHYLPENDIMETHLION FLT REC (UG/L) (61665)	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)	IMAZETHAPYR WATER FLTRD REC (UG/L) (50407)	IMIDACLOPRID WATER FLTRD REC (UG/L) (61695)	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDACYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)
OCT													
18...	--	--	E.033	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
NOV													
13...	--	--	E.021	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
DEC													
12...	--	--	E.038m	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
JAN													
17...	--	--	E.017m	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
FEB													
13...	--	--	E.029m	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
27...	--	--	E.019m	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
MAR													
14...	--	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
28...	--	--	E.078	--	<.02	<.02	<.007	--	--	--	.012	<.01	<.035
APR													
04...	--	--	E.039	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
09...	--	--	E.291	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
17...	--	--	E.034	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
21...	--	--	E.101	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
MAY													
02...	--	--	E.051	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
07...	--	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
16...	--	--	E.035	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
31...	<.1	<.013	E.031	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035
JUN													
05...	<.1	<.013	E.039	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035
13...	<.1	<.013	E.019	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.1	<.013	E.037	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035
JUL													
11...	<.1	<.013	E.028	<.1	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035
23...	--	<.013	E.033	<.1	<.02	--u	<.007	<1	<.003	<.009	<.004	<.01	<.035
AUG													
07...	--	--	E.025	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
22...	<.1	--	E.042	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
SEP													
05...	--	--	E.016	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035
17...	--	--	E.026	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035

Date	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)
OCT													
18...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006
NOV													
13...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.002	<.006
DEC													
12...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006
JAN													
17...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006
FEB													
13...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006
27...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006
MAR													
14...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.004n	<.006
28...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.008n	.008
APR													
04...	--	<.027	<.11	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.007n	<.006
09...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.006n	<.006
17...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.007n	<.006
21...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.007n	<.006
MAY													
02...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.012n	<.006
07...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.004n	<.006
16...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.004n	<.006
31...	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	E.006	<.006
JUN													
05...	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	E.008	<.006
13...	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	E.007n	<.006
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	E.006n	<.006
JUL													
11...	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	E.007	<.006
23...	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	.019	<.006
AUG													
07...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.005n	<.006
22...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.007n	<.006
SEP													
05...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.007n	<.006
17...	--	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	E.012n	<.006

02350080 LIME CREEK NEAR COBB, GA—continued

Date	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)
OCT													
18...	<.03	<.002	--	<.007	<.01	M	M	--	<.02	<.01	--	<.003	--
NOV													
13...	<.03	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--
DEC													
12...	<.03	<.002	--	<.007	<.01	<.01	E.01m	--	<.02	<.01	--	<.003	--
JAN													
17...	<.03	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--
FEB													
13...	<.03	<.002	--	<.007	<.01	<.01	E.01m	--	<.02	<.01	--	<.003	--
27...	<.03	<.002	--	<.007	<.01	<.01	Mm	--	<.02	<.01	--	<.003	--
MAR													
14...	<.03	<.002	--	<.007	<.01	<.01	E.01m	--	<.02	<.01	--	<.003	--
28...	<.03	<.002	--	.026	<.01	<.01	E.01	--	<.02	<.01	--	E.002n	--
APR													
04...	<.03	<.002	--	<.007	<.01	<.01	E.01	--	<.02	<.01	--	<.003	--
09...	<.03	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--
17...	<.03	<.002	--	<.007	<.01	<.01	E.01	--	<.02	<.01	--	<.003	--
21...	<.03	<.002	--	<.007	<.01	<.01	E.01	--	<.02	<.01	--	<.003	--
MAY													
02...	<.03	<.002	--	<.007	<.01	<.01	E.01	--	<.02	<.01	--	<.003	--
07...	<.03	<.002	--	<.007	<.01	<.01	M	--	<.02	<.01	--	<.003	--
16...	<.03	<.002	--	<.007	<.01	<.01	E.01	--	<.02	<.01	--	<.003	--
31...	<.03	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008
JUN													
05...	<.03	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008
13...	<.03	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.03	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008
JUL													
11...	<.03	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008
23...	<.03	<.002	<.008	<.007	<.01	<.01	E.02	<.008	<.02	<.01	<.007	<.003	<.008
AUG													
07...	<.03	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--
22...	<.03	<.002	--	<.007	<.01	<.01	E.01	--	<.02	<.01	--	<.003	--
SEP													
05...	<.03	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--
17...	<.03	<.002	--	<.007	<.01	<.01	M	--	<.02	<.01	--	<.003	--

Date	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)
OCT													
18...	--	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01
NOV													
13...	--	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01
DEC													
12...	--	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01
JAN													
17...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
FEB													
13...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
27...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
MAR													
14...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
28...	--	<.010	<.004	<.022	.014	--	<.011	--	--	--	<.02	--	.05
APR													
04...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
09...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
17...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
21...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
MAY													
02...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
07...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
16...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
31...	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01
JUN													
05...	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01
13...	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01
JUL													
11...	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01
23...	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01
AUG													
07...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
22...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
SEP													
05...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01
17...	--	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01

Date	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)
OCT													
18...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.011	<.009	--
NOV													
13...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.011	<.009	--
DEC													
12...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.011	<.009	--
JAN													
17...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--
FEB													
13...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--
27...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--
MAR													
14...	--	<.004	<.010	<.011	<.02	--	<.010	<.02v	<.008	<.02	.014	<.009	--
28...	--	<.004	<.010	E.009n	E.01n	--	<.010	<.02	<.008	<.02	.113	<.009	--
APR													
04...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.061	<.009	--
09...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.062	<.009	--
17...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.086	<.009	--
21...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.094	<.009	--
MAY													
02...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.044	<.009	--
07...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	.012	<.009	--
16...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	E.004n	<.009	--
31...	<.005	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003
JUN													
05...	<.005	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003
13...	E.003	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	.006	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003
JUL													
11...	.298	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003
23...	.045	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003
AUG													
07...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--
22...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--
SEP													
05...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--
17...	--	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--

02350080 LIME CREEK NEAR COBB, GA--continued

Date	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)
OCT													
18...	--	--	E.006	--	--	--	--	<.010	<.034	<.02	--	--	<.005
NOV													
13...	--	--	E.004	--	--	--	--	<.010	<.034	<.02	--	--	<.005
DEC													
12...	--	--	E.01	--	--	--	--	<.010	<.034	<.02	--	--	<.005
JAN													
17...	--	--	E.01	--	--	--	--	<.010	<.034	<.02	--	--	<.005
FEB													
13...	--	--	E.01n	--	--	--	--	<.010	<.034	<.02	--	--m	<.005
27...	--	--	<.02	--	--	--	--	<.010	<.034	<.02	--	--m	<.005
MAR													
14...	--	--	<.02	--	--	--	--	<.010	<.034	<.02	--	--m	<.005
28...	--	--	.12	--	--	--	--	<.010	<.034	<.02	--	--m	<.005
APR													
04...	--	--	<.02	--	--	--	--	<.010	<.034	<.02	--	--	<.005
09...	--	--	<.02	--	--	--	--	<.010	<.034	<.02	--	--	<.005
17...	--	--	<.02	--	--	--	--	<.010	<.034	<.02	--	--	<.005
21...	--	--	<.02	--	--	--	--	<.010	<.034	<.02	--	--	<.005
MAY													
02...	--	--	E.01n	--	--	--	--	<.010	<.034	<.02	--	--	<.005
07...	--	--	E.01n	--	--	--	--	<.010	<.034	<.02	--	--	<.005
16...	--	--	E.01n	--	--	--	--	<.010	<.034	<.02	--	--	<.005
31...	<.02	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005
JUN													
05...	<.02	<.006	E.01	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005
13...	<.02	<.006	E.01n	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.02	<.006	E.01n	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005
JUL													
11...	<.02	<.006	E.01	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005
23...	<.02	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005
AUG													
07...	--	--	E.01n	--	--	--	--	<.010	<.034	<.02	--	--	<.005
22...	--	--	E.01n	--	--	--	--	<.010	<.034	<.02	--	--	<.005
SEP													
05...	--	--	E.01n	--	--	--	--	<.010	<.034	<.02	--	--	<.005
17...	--	--	E.01n	--	--	--	--	<.010	<.034	<.02	--	--	<.005

Date	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT													
18...	--	--	<.002	<.009	--	E.01	<.009	<.02	--	--	79	10	.30
NOV													
13...	--	--	<.002	<.009	--	<.02	<.009	<.02	--	--	80	10	.35
DEC													
12...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	59	24	1.9
JAN													
17...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	95	34	2.6
FEB													
13...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	86	9.0	.70
27...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	77	11	.59
MAR													
14...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	95	14	2.2
28...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	94	10	1.3
APR													
04...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	93	12	1.4
09...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	95	11	.77
17...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	91	17	2.1
21...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	83	18	2.1
MAY													
02...	--	--	<.002	--u	--	<.02	E.001t	<.02	--	--	95	17	.87
07...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	95	13	.39
16...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	95	11	.24
31...	<.03	<.01	<.002	--u	<.004	<.02	E.005	<.02	<.05	<.01	98	13	.24
JUN													
05...	<.03	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	98	12	.17
13...	<.03	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	97	13	.27
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	<.03	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	96	16	.35
JUL													
11...	<.03	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	97	15	.14
23...	<.03	<.01	<.002	--u	<.004	<.02	.010	<.02	<.05	<.01	97	17	.55
AUG													
07...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	89	17	.34
22...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	--	--	--
SEP													
05...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	93	13	.22
17...	--	--	<.002	--u	--	<.02	<.009	<.02	--	--	95	17	1.3

Date	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
OCT		
18...	15.00	3070
NOV		
13...	15.00	3070
DEC		
12...	15.00	3045
JAN		
17...	15.00	3045
FEB		
13...	15.00	3045
27...	15.00	3045
MAR		
14...	15.00	3045
28...	15.00	3045
APR		
04...	15.00	3045
09...	15.00	3045
17...	15.00	3045
21...	15.00	3045
MAY		
02...	15.00	3045
07...	15.00	3045
16...	15.00	3070
31...	15.00	3070
JUN		
05...	15.00	3070
13...	15.00	3070
18...	10.00	--
18...	--	--
26...	15.00	3070
JUL		
11...	15.00	3070
23...	15.00	3070
AUG		
07...	15.00	3070
22...	15.00	3070
SEP		
05...	15.00	3070
17...	15.00	3045

Remark codes used in this report:
< -- Less than
> -- Greater than
E -- Estimated value
M -- Presence verified, not quantified
U -- Analyzed for, not detected

Value qualifier codes used in this report:
m -- Highly var comp using method, ? prec
n -- Below the NDV
t -- Below the long-term MDL
v -- Analyte detected in laboratory blank

Null value qualifier codes used in this report:
i -- Required sample type not received
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

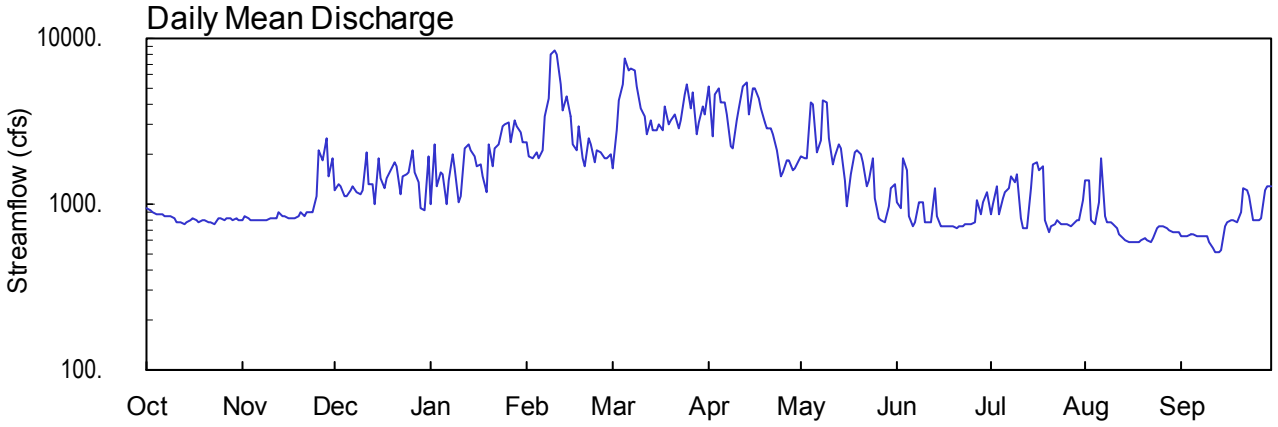
APALACHICOLA RIVER BASIN

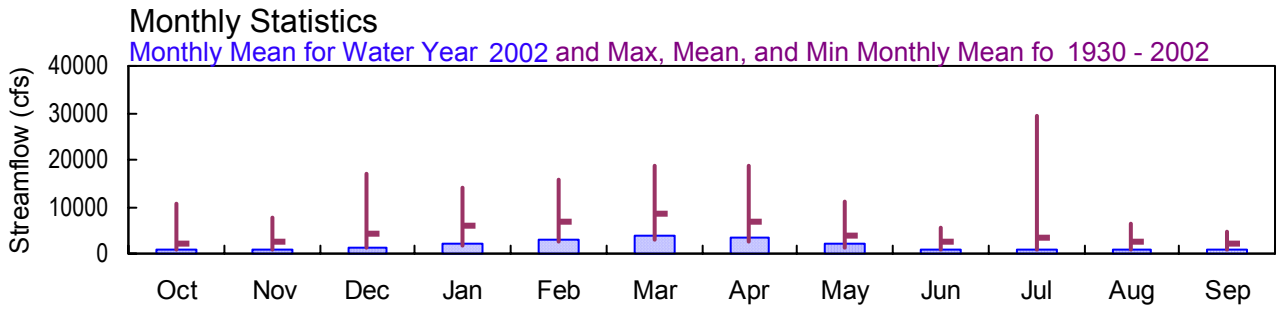
2002 Water Year

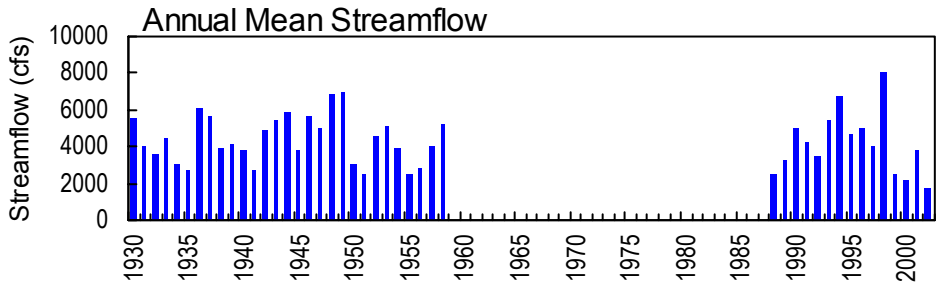
02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA

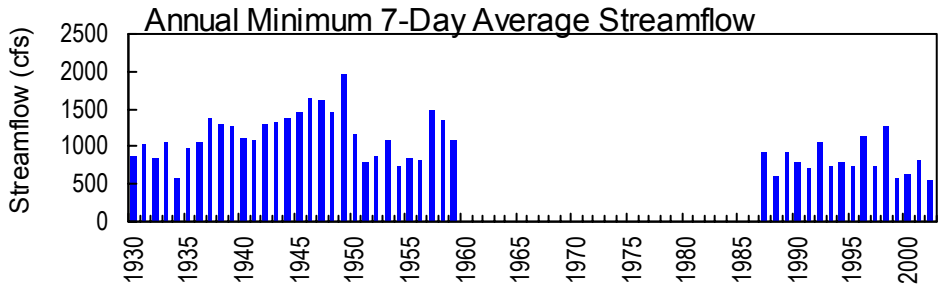
Latitude: 31°43'30" Longitude: 84°01'07" Hydrologic Unit Code: 03130006 Worth County

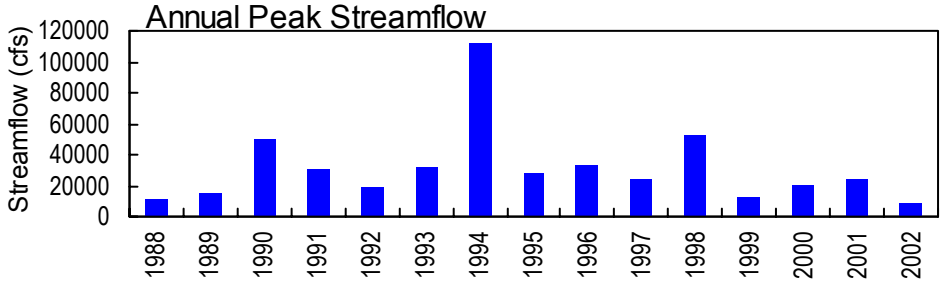
Drainage Area: 3,880. mi^2 Datum: 185.87 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA

LOCATION.--Lat 31°43'30", long 84°01'07" referenced to North American Datum (NAD) of 1927, Worth-Lee County line, Hydrologic Unit 03130006, on downstream end of pier of bridge on GA 32, 5.0 miles southwest of Oakfield, 3.2 miles downstream from Jones Creek, 13.9 miles downstream from Crisp County dam site, and at river mile 120.8.

DRAINAGE AREA.--3,880 mi^2, approximately.

COOPERATION.—Georgia Power Corporation; Crisp County Power Commission.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1929 to December 1958, May 1987 to current year. Monthly discharge only, October 1929 to January 1930 and June 1933 to October 1934 (published in WSP 1304). Prior to May 1987, published as "at Oakfield" (station 02350500).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 185.87 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). From January 9, 1930 to June 23, 1933, and from October 1, 1934 to December 31, 1958, a recording gage was located at a site 4.2 miles upstream at datum 193.29 feet above sea level, supplementary adjustment of 1936.

REMARKS.--Records good. Flow regulated by power plant at Warwick Reservoir since 1930 that has a capacity of approximately 35,000 acre-ft. Normal operation of power plant does not materially affect figures of monthly runoff.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1898, 35.1 feet, January 20, 1925, from flood marks, 90,000 ft^3/s. Flood in March 1929 reached a stage of 34.0 feet, from flood marks, 85,000 ft^3/s.

02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.-- October 1929 to December 1958, May 1987 to current year. Monthly discharge only, October 1929 to January 1930 and June 1933 to October 1934 (published in WSP 1304). Prior to May 1987, published as "at Oakfield" (station 02350500).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 185.87 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). From January 9, 1930 to June 23, 1933, and from October 1, 1934 to December 31, 1958, a recording gage was located at a site 4.2 miles upstream at datum 193.29 feet above sea level, supplementary adjustment of 1936.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.88 feet, February 10; Minimum gage-height recorded, 2.09 feet, September 12, 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—October 1, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 321
LATITUDE 314330 LONGITUDE 0840107 NAD27 DRAINAGE AREA 3880.00* CONTRIBUTING DRAINAGE AREA 3880.00 DATUM 185.87 NGVD29
Date Processed: 2003-03-10 12:20 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	937	808	1210	1000	2340	1650	5110	1930	1030	877	1400	648
2	909	838	1330	e2300	1970	2790	2600	1890	933	1010	1410	642
3	893	833	1290	1280	1880	4270	4570	1900	1900	1300	812	649
4	880	806	1120	1550	2050	5280	4950	4100	1590	868	763	667
5	874	799	1110	1530	1900	7550	4100	4040	843	1100	1040	655
6	860	803	1200	987	2100	6400	4130	2040	736	1190	1890	648
7	858	809	1280	1400	3430	6580	3530	2410	771	1240	846	639
8	851	812	1190	2000	4310	6330	2240	4270	1030	1490	783	637
9	843	812	1150	1630	8010	5210	2180	4100	1030	1370	782	e634
10	817	817	1220	1020	8450	3750	3210	2500	787	1530	761	e596
11	786	826	2040	1130	8050	3400	3800	1740	771	834	721	547
12	769	827	1310	2170	5240	2640	5080	1970	780	714	668	517
13	763	896	1310	2320	3650	3230	5440	2280	1260	724	621	515
14	785	847	1010	2090	4440	2800	3490	2200	844	1240	599	524
15	803	844	1910	1940	3400	2780	5000	1400	737	1720	593	738
16	822	824	1440	1700	2290	3060	5040	967	737	1770	594	769
17	812	828	e1240	1750	2120	2820	4310	1510	735	1590	588	806
18	781	833	e1420	1470	2940	3850	3830	2050	736	1700	588	792
19	792	856	1620	1180	1900	3010	3130	2110	729	804	608	779
20	802	886	1810	2330	1680	3180	2900	1990	726	687	622	903
21	776	854	1690	1710	2480	3460	2900	1790	735	733	604	1260
22	789	883	1140	2160	2310	2850	2610	1290	740	e760	594	1220
23	763	903	1470	2310	1770	3240	2110	1410	753	e792	617	1130
24	818	897	1520	2920	2120	4570	1470	1890	764	e763	715	812
25	818	1130	1570	3040	2070	5270	1560	1080	767	e763	733	797
26	797	2090	2110	3120	1900	3770	1860	814	783	766	734	809
27	816	1820	1560	2340	1900	4790	1860	801	1060	740	724	815
28	822	2510	1340	3170	1980	2620	1590	774	871	748	702	1230
29	800	1480	958	2970	---	3100	1630	968	1040	797	686	1270
30	813	1900	926	2720	---	3870	1820	1240	1190	811	682	1270
31	796	---	1970	2340	---	3510	---	1330	---	1070	681	---
TOTAL	25445	31071	43464	61577	88680	121630	98050	60784	27408	32501	24161	23918
MEAN	821	1036	1402	1986	3167	3924	3268	1961	914	1048	779	797
MAX	937	2510	2110	3170	8450	7550	5440	4270	1900	1770	1890	1270
MIN	763	799	926	987	1680	1650	1470	774	726	687	588	515
CFSM	0.21	0.27	0.36	0.51	0.82	1.01	0.84	0.51	0.24	0.27	0.20	0.21
IN.	0.24	0.30	0.42	0.59	0.85	1.17	0.94	0.58	0.26	0.31	0.23	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2002, BY WATER YEAR (WY)

MEAN	2339	2726	4447	5876	6917	8491	6648	3763	2703	3518	2456	1955
MAX	10690	7848	17020	14120	15890	18670	18880	11000	5543	29160	6360	4501
(WY)	1930	1931	1949	1936	1998	1998	1936	1953	1934	1994	1994	1953
MIN	821	1036	1402	1705	2524	3048	2559	1189	697	688	683	797
(WY)	2002	2002	2002	1956	1989	1955	1999	2000	2000	2000	1988	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1930 - 2002	
ANNUAL TOTAL	1340958		638689			
ANNUAL MEAN	3674		1750		4322	
HIGHEST ANNUAL MEAN					8013	1998
LOWEST ANNUAL MEAN					1750	2002
HIGHEST DAILY MEAN	24200	Mar 9	8450	Feb 10	109000	Jul 10 1994
LOWEST DAILY MEAN	740	Jan 6	515	Sep 13	152	Jun 8 1941
ANNUAL SEVEN-DAY MINIMUM	788	Oct 17	567	Sep 8	567	Sep 8 2002
MAXIMUM PEAK FLOW			8490	Feb 10	112000	Jul 10 1994
MAXIMUM PEAK STAGE			8.88	Feb 10	40.10	Jul 10 1994
INSTANTANEOUS LOW FLOW			497	Sep 12	497	Sep 12 2002
ANNUAL RUNOFF (CFSM)	0.95		0.45		1.11	
ANNUAL RUNOFF (INCHES)	12.86		6.12		15.13	
10 PERCENT EXCEEDS	8610		3690		8750	
50 PERCENT EXCEEDS	1980		1240		2980	
90 PERCENT EXCEEDS	833		725		1090	

e Estimated

STATION NUMBER 02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 321
LATITUDE 314330 LONGITUDE 0840107 NAD27 DRAINAGE AREA 3880.00 CONTRIBUTING DRAINAGE AREA 3880.00* DATUM 185.87 NGVD29
Date Processed: 2003-03-14 15:48 By bemccall
WORKING
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.71	2.65	3.23	2.95	4.39	3.73	6.81	4.22	2.99	2.71	3.24	2.31
2	2.68	2.69	3.38	---	4.06	4.75	4.93	4.17	2.84	2.88	3.25	2.30
3	2.67	2.68	3.32	3.31	4.05	6.14	6.45	4.17	3.86	3.23	2.56	2.31
4	2.67	2.64	3.11	3.63	4.17	6.74	6.73	6.10	3.63	2.69	2.49	2.34
5	2.67	2.63	3.08	3.61	4.08	8.33	6.14	6.03	2.70	2.96	2.83	2.32
6	2.67	2.64	3.22	2.93	4.19	7.60	6.16	4.36	2.54	3.10	3.64	2.31
7	2.68	2.64	3.34	3.48	5.30	7.75	5.71	4.74	2.59	3.14	2.59	2.30
8	2.68	2.65	3.21	4.10	6.02	7.62	4.58	6.25	2.98	3.41	2.52	2.30
9	2.68	2.65	3.15	3.73	8.61	6.86	4.50	6.14	2.98	3.31	2.51	---
10	2.65	2.66	3.26	2.98	8.86	5.84	5.47	4.84	2.61	3.41	2.48	---
11	2.61	2.67	4.31	3.14	8.63	5.61	5.91	3.97	2.58	2.63	2.43	2.17
12	2.58	2.68	3.35	4.23	6.73	4.98	6.79	4.26	2.60	2.47	2.35	2.12
13	2.57	2.78	3.36	4.36	5.62	5.45	7.01	4.64	3.20	2.47	2.28	2.12
14	2.61	2.71	2.96	4.20	6.29	5.10	5.67	4.55	2.70	3.09	2.25	2.13
15	2.64	2.70	4.17	4.17	5.45	5.10	6.76	3.50	2.54	3.56	2.24	2.43
16	2.67	2.67	3.55	3.87	4.31	5.32	6.79	2.89	2.53	3.64	2.23	2.48
17	2.65	2.68	---	3.85	4.15	5.13	6.29	3.50	2.52	3.46	2.23	2.53
18	2.60	2.69	---	3.57	5.01	5.95	5.94	4.05	2.53	3.54	2.23	2.51
19	2.62	2.72	3.80	3.17	3.98	5.22	5.40	4.10	2.52	2.57	2.26	2.49
20	2.63	2.77	3.93	4.40	3.78	5.43	5.22	3.89	2.51	2.41	2.28	2.65
21	2.60	2.72	3.81	3.90	4.62	5.63	5.22	3.81	2.52	2.47	2.25	3.09
22	2.61	2.76	3.13	4.35	4.32	5.07	4.93	3.30	2.53	---	2.24	3.05
23	2.58	2.80	3.54	4.41	3.86	5.47	4.44	3.37	2.54	---	2.27	2.94
24	2.66	2.79	3.62	4.92	4.17	6.45	3.62	3.94	2.55	---	2.41	2.54
25	2.66	3.12	3.68	5.03	4.11	6.93	3.74	3.03	2.56	---	2.43	2.52
26	2.63	4.39	4.29	5.15	3.97	5.86	4.13	2.65	2.58	2.51	2.43	2.53
27	2.66	3.92	3.67	4.45	3.96	6.60	4.13	2.63	2.94	2.47	2.42	2.54
28	2.67	4.79	3.41	5.15	4.02	4.93	3.78	2.59	2.71	2.48	2.39	3.06
29	2.63	3.56	2.88	5.03	---	5.37	3.83	2.88	2.91	2.55	2.37	3.11
30	2.65	4.11	2.83	4.70	---	5.96	4.07	3.26	3.11	2.57	2.36	3.11
31	2.63	---	4.03	4.40	---	5.69	---	3.38	---	2.88	2.36	---
MEAN	2.64	2.95	---	---	5.03	5.89	5.37	4.04	2.76	---	2.48	---
MAX	2.71	4.79	---	---	8.86	8.33	7.01	6.25	3.86	---	3.64	---
MIN	2.57	2.63	---	---	3.78	3.73	3.62	2.59	2.51	---	2.23	---

STATION NUMBER 02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA SOURCE AGENCY USGS STATE 13 COUNTY 321
LATITUDE 314330 LONGITUDE 0840107 NAD27 DRAINAGE AREA 3880.00 CONTRIBUTING DRAINAGE AREA 3880.00* DATUM 185.87 NGVD29
Date Processed: 2003-03-10 12:18 By acday
APPROVED
DD #6, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.27	0.28
2	0.00	0.00	0.00	0.58	0.00	2.33	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.05	0.00	0.25	0.00	0.00	0.04	2.39	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.19	0.26	0.03	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00
6	0.76	0.00	0.00	0.37	1.95	0.00	0.00	0.00	0.00	0.33	0.00	0.00
7	0.00	0.00	0.00	0.01	0.22	0.00	0.00	0.00	1.41	0.07	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.01	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.34	0.09	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.49	0.00	0.00	0.00	0.61	0.04	0.00	0.00	0.00	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.01	0.89	0.00	0.26	0.08	0.00	0.00	0.21	0.00	0.00
13	0.00	0.00	0.01	0.01	0.00	0.00	0.09	0.12	0.00	0.25	0.64	0.09
14	0.17	0.00	0.01	0.43	0.00	0.01	0.27	0.01	0.44	0.00	0.89	0.91
15	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	2.16
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
17	0.00	0.00	0.36	0.00	0.00	0.00	0.02	0.09	0.01	0.00	0.00	0.02
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.46	0.00	0.00	0.14
19	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
20	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.46	0.00	1.20
21	0.00	0.00	0.00	0.01	0.00	1.04	0.00	0.00	0.03	0.20	0.00	0.03
22	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.01	0.30	0.00
23	0.00	0.59	0.04	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00
24	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.13	0.00	0.25
25	0.00	1.35	0.00	0.40	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.03
26	0.00	0.00	0.00	0.00	0.00	0.60	0.91	0.00	1.09	0.26	0.63	0.85
27	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.07	0.02	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.01	---	0.00	0.52	0.00	0.00	0.58	0.06	0.00
30	0.00	0.06	0.00	0.00	---	0.00	0.58	1.07	0.03	0.05	0.00	0.00
31	0.00	---	0.00	0.01	---	1.38	---	0.08	---	0.00	0.00	---
TOTAL	0.95	2.01	0.94	3.40	2.48	6.21	3.20	1.67	6.86	5.05	2.86	5.97

02350527 MILL CREEK NEAR ALBANY, GA

LOCATION.--Lat 31°40'04", long 83°59'48", Worth County, Hydrologic Unit Code 03130006, 1.0 mile east of the confluence with Flint River, and 11.6 miles southwest of Albany.

DRAINAGE AREA.— 44.0 mi^2.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.— None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
11/01/2001	19.53	11.7

APALACHICOLA RIVER BASIN
2002 Water Year

02350586 KINCHAFOONEE CREEK ABOVE PRESTON, GA

LOCATION.--Lat 32°07'36", long 84°35'33", Webster County, Hydrologic Unit Code 03130007, 0.1 miles downstream of the confluence of Slaughter Creek, an 2.3 miles east of US 280 on Enterprise Church Road.

DRAINAGE AREA.— 159.4 mi^2.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.— None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/25/2001	12.97	24.4

APALACHICOLA RIVER BASIN
2002 Water Year

02350600 KINCHAFOONEE CREEK AT PRESTON, GA

LOCATION.—Lat 32°03'09", long 84°32'54" referenced to North American Datum (NAD) of 1927, Webster County, Hydrologic Unit 03130007, at bridge on GA 41, 1.0 miles southwest of Preston, and 1.0 mile upstream from Harrell Mill Creek.

DRAINAGE AREA.—197 mi^2.

COOPERATION.—Georgia Department of Transportation.

WATER-STAGE RECORDS

PERIOD OF RECORD.—1943, 1948 to 1950, 1951 to 1977 as a continuous record gaging station, 1978 to 1980, and as a continuous stage station from 1987 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 337.70 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good. This station is published as a continuous stage station with peak instantaneous stage and discharge.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height, 12.16 feet, March 17, 1990; maximum discharge, 14,500 ft^3/s, March 17, 1990.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 5.89 feet, February 8; maximum discharge, 889 ft^3/s, February 8; minimum gage-height recorded, 0.36 feet, September 13.

STATION NUMBER 02350600 KINCHAFOONEE CREEK AT PRESTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 307
LATITUDE 320309 LONGITUDE 0843254 NAD27 DRAINAGE AREA 197.00 CONTRIBUTING DRAINAGE AREA 197.00* DATUM 337.70 NGVD29
Date Processed: 2003-03-11 11:06 By bemccall
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.36	1.46	3.12	2.27	2.63	2.46	3.64	3.06	1.43	1.33	1.16	1.25
2	1.33	1.50	2.95	2.36	2.57	3.83	4.20	2.75	1.22	1.22	0.98	1.19
3	1.30	1.54	2.69	2.84	2.49	4.94	3.46	2.36	1.02	1.05	0.89	1.09
4	1.31	1.55	2.56	3.01	2.43	5.42	3.06	2.06	0.93	1.01	0.78	0.95
5	1.26	1.56	2.48	2.80	2.37	4.56	2.84	1.90	1.11	1.63	0.70	0.82
6	1.27	1.54	2.43	2.74	3.08	3.60	2.68	1.82	1.17	1.66	0.64	0.73
7	1.31	1.53	2.42	2.84	5.00	3.35	2.58	1.76	1.22	1.65	0.56	0.63
8	1.25	1.53	2.41	2.76	5.67	3.21	2.51	1.69	1.18	1.53	0.56	0.59
9	1.21	1.54	2.40	2.59	5.23	3.12	3.26	1.62	1.10	1.44	0.49	0.56
10	1.21	1.56	2.60	2.49	3.98	3.10	4.95	1.58	1.00	1.27	0.46	0.52
11	1.23	1.58	3.37	2.49	3.52	3.06	5.65	1.64	0.89	1.01	0.43	0.48
12	1.27	1.59	3.40	2.52	3.31	2.94	5.08	1.61	0.81	0.95	0.45	0.41
13	1.31	1.60	2.97	3.41	3.13	3.08	4.36	1.59	0.71	1.12	0.42	0.42
14	1.34	1.60	2.79	3.59	3.03	3.28	4.30	1.49	0.69	1.73	0.45	0.93
15	1.31	1.62	2.72	3.15	2.95	3.08	3.80	1.36	0.71	1.95	1.02	2.15
16	1.27	1.61	2.63	2.84	2.89	2.93	3.46	1.25	0.64	1.52	1.09	2.96
17	1.23	1.61	2.58	2.65	2.85	2.89	3.24	1.17	0.62	1.22	0.88	2.53
18	1.22	1.64	3.58	2.55	2.78	2.84	3.10	1.51	0.67	0.97	0.70	2.08
19	1.25	1.64	3.64	2.61	2.71	2.77	3.17	2.00	0.79	0.77	0.71	1.64
20	1.25	1.68	3.05	3.32	2.77	2.71	2.93	1.87	0.75	0.65	0.87	1.53
21	1.26	1.69	2.69	3.65	3.23	3.83	2.70	1.56	0.69	0.67	1.20	1.47
22	1.30	1.72	2.51	3.26	3.23	4.30	2.53	1.41	0.71	1.72	1.25	1.36
23	1.33	1.93	2.50	3.00	2.90	3.64	2.38	1.35	0.87	1.57	0.95	1.27
24	1.35	2.69	2.67	2.82	2.73	3.07	2.24	1.25	1.20	1.18	0.74	1.17
25	1.35	4.08	2.67	3.16	2.65	2.89	2.22	1.14	1.17	1.35	0.64	1.20
26	1.33	5.23	2.53	3.50	2.62	2.96	2.25	1.14	1.28	1.18	0.61	1.42
27	1.32	5.42	2.39	3.15	2.59	3.84	2.16	1.12	1.17	1.43	0.81	1.78
28	1.26	4.04	2.37	2.84	2.51	3.70	2.12	1.02	1.21	1.37	1.08	1.93
29	1.27	3.09	2.36	2.71	---	3.16	2.33	0.93	1.15	1.14	1.14	1.73
30	1.34	2.96	2.35	2.64	---	2.90	3.10	0.99	1.20	0.97	1.03	1.53
31	1.42	---	2.30	2.64	---	2.90	---	1.33	---	1.25	1.30	---
MEAN	1.29	2.14	2.71	2.88	3.14	3.37	3.21	1.59	0.98	1.27	0.81	1.28
MAX	1.42	5.42	3.64	3.65	5.67	5.42	5.65	3.06	1.43	1.95	1.30	2.96
MIN	1.21	1.46	2.30	2.27	2.37	2.46	2.12	0.93	0.62	0.65	0.42	0.41

02350685 CHOCTAHATCHEE CREEK TRIBUTARY AT US 280, NEAR PLAINS, GA

LOCATION.—Lat 32°02'02", long 84°25'04" (revised) referenced to North American Datum (NAD) of 1927, Sumter County, Hydrologic Unit 03130007, at culvert on US 280, 2.4 miles west of Plains.

DRAINAGE AREA.—0.32 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 440.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 ((from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 9.25 feet, July 6, 1994
DISCHARGE: 625 ft^3/s, July 6, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: <0.66 feet, Not determined, peak below bottom of gage
DISCHARGE: <1.6 ft^3/s, Not determined, peak below bottom of gage

02350798 BEAR CREEK AT CR 124, NEAR PARROT, GA

LOCATION.--Lat 31°56'39", long 84°29'38", Webster County, 0.45 miles down stream from the confluence with Long Branch, and 4.17 miles northwest of Parrot.

DRAINAGE AREA.—Not determined.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/26/2001	19.76	5.85

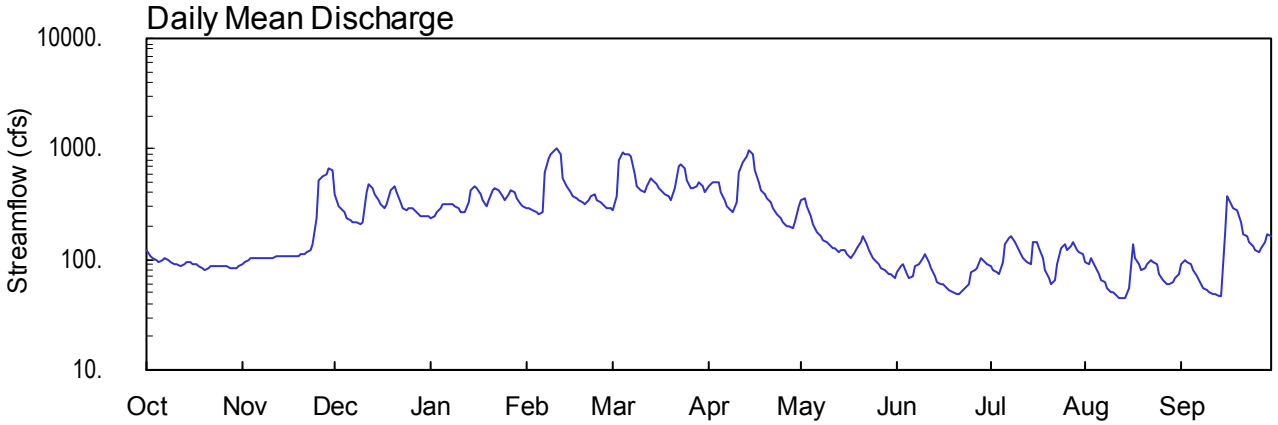
APALACHICOLA RIVER BASIN

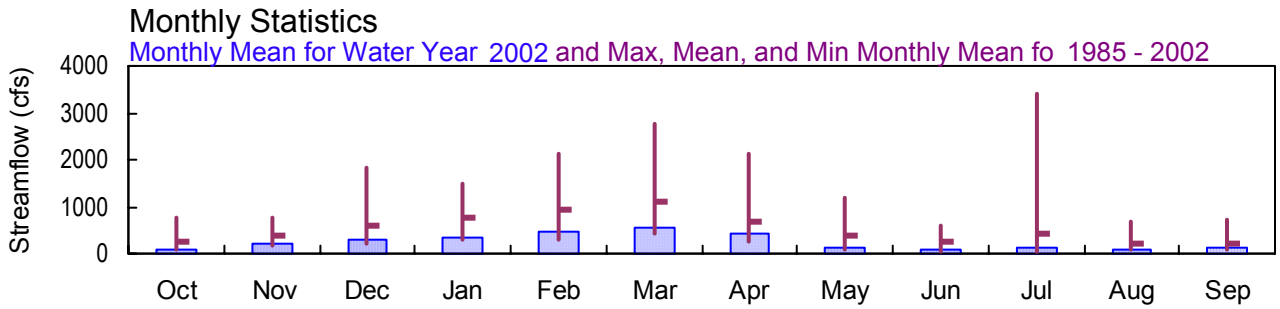
2002 Water Year

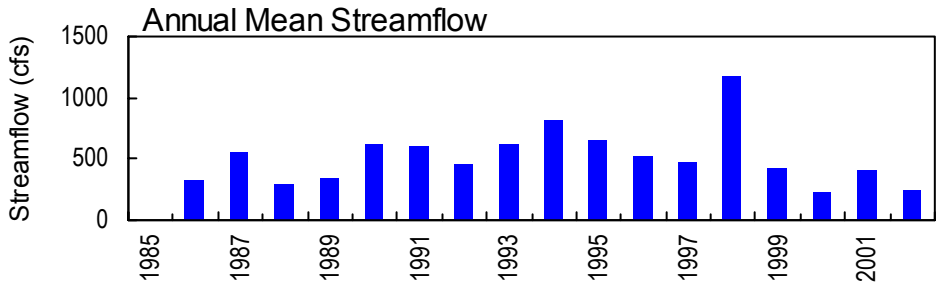
02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA

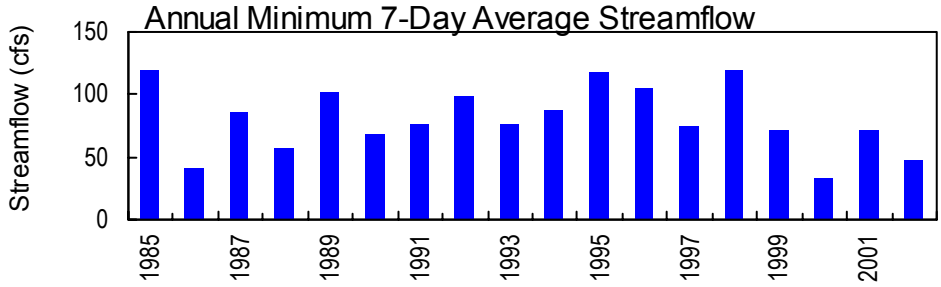
Latitude: 31°45'52" Longitude: 84°15'12" Hydrologic Unit Code: 03130007 Lee County

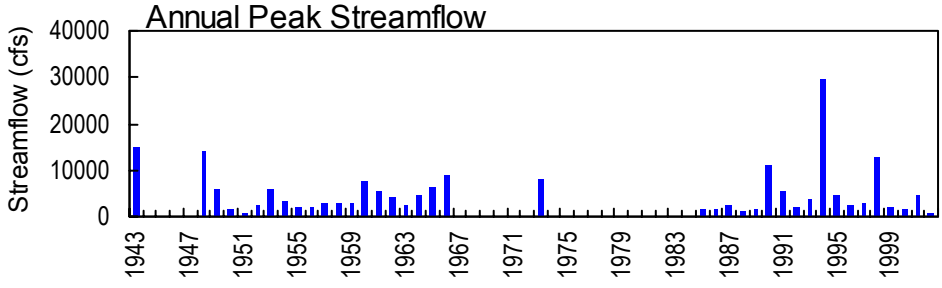
Drainage Area: 527. mi^2 Datum: 211.74 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA

LOCATION.--Lat 31°45'52", long 84°15'12" referenced to North American Datum (NAD) of 1927, Lee County, Hydrologic Unit 03130007, on downstream end of bridge pier on Pinewood Road, 3.6 miles west of US Highway 19, 12.4 miles east of Dawson, and 5.2 miles northwest of Leesburg.

DRAINAGE AREA.--527 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Water years 1949-65 (annual maximum), March 1985 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 211.74 feet above National Geodetic Vertical Datum (NGVD) of 1929 (Georgia State Highway Commission benchmark). From April 6, 1949 to September 30, 1965, a crest-stage gage was located at a site 1,500 feet upstream at same datum.

REMARKS.--Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1943 or 1944 is believed to have reached an elevation of about 23 feet from information by local resident. Maximum stage of 20.46 feet was reached March 5, 1966.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 11	1200	1,040*	7.78*

WATER-STAGE RECORDS

PERIOD OF RECORD.-- Water years 1949-65 (annual maximum), March 1985 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 211.74 feet above sea level (Georgia State Highway Commission benchmark). From April 6, 1949 to September 30, 1965, a crest-stage gage was located at a site 1,500 feet upstream at same datum.

REMARKS.—Records good, except for February 16, 18, March 21-22, and May 4.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 7.78 feet, February 11; minimum gage-height recorded, 1.95 feet, August 14.

02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 14, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 177
LATITUDE 314552 LONGITUDE 0841512 NAD27 DRAINAGE AREA 527.00 CONTRIBUTING DRAINAGE AREA 527.00* DATUM 211.74 NGVD29
Date Processed: 2003-03-10 12:21 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	92	384	239	292	e277	466	339	77	88	95	89
2	109	95	307	243	286	378	504	361	88	79	89	98
3	103	99	287	272	278	801	505	309	89	76	103	96
4	98	102	263	294	266	917	503	249	75	74	86	89
5	95	104	241	316	257	896	409	205	68	93	74	80
6	99	104	227	318	272	884	345	177	71	137	66	72
7	101	102	218	322	604	847	306	164	87	154	62	65
8	97	103	213	316	840	594	281	151	90	e162	55	56
9	94	102	210	302	899	466	266	144	104	e146	51	52
10	92	101	219	285	962	430	335	135	112	e132	50	50
11	89	103	402	272	1020	405	612	129	95	e111	46	48
12	88	105	487	270	913	e452	757	124	84	101	44	48
13	89	106	448	329	544	549	868	118	71	95	44	46
14	93	108	396	423	454	521	966	120	62	92	45	47
15	94	107	343	459	409	478	886	122	60	144	54	170
16	92	108	312	443	381	442	644	113	59	142	138	371
17	90	109	294	393	360	414	507	102	56	127	103	317
18	87	109	320	337	343	390	424	116	53	101	90	286
19	83	109	418	304	329	366	396	125	51	80	81	278
20	81	111	461	347	321	348	358	144	48	69	83	218
21	83	114	412	416	342	442	329	160	48	60	89	166
22	86	116	333	437	376	700	289	138	52	66	99	160
23	87	121	293	421	389	738	255	119	55	89	93	142
24	88	135	281	372	e340	679	232	103	61	126	89	130
25	88	232	285	350	323	530	213	99	76	137	73	120
26	87	511	285	392	303	435	199	91	79	123	66	118
27	86	555	274	428	292	435	198	85	85	133	59	126
28	83	588	260	409	e286	467	194	81	103	144	59	141
29	83	656	251	355	---	509	213	75	99	119	63	166
30	84	651	246	322	---	454	301	73	92	115	67	164
31	86	---	243	304	---	398	---	69	---	112	75	---
TOTAL	2834	5758	9613	10690	12681	16642	12761	4540	2250	3427	2291	4009
MEAN	91.4	192	310	345	453	537	425	146	75.0	111	73.9	134
MAX	119	656	487	459	1020	917	966	361	112	162	138	371
MIN	81	92	210	239	257	277	194	69	48	60	44	46
CFSM	0.17	0.36	0.59	0.65	0.86	1.02	0.81	0.28	0.14	0.21	0.14	0.25
IN.	0.20	0.41	0.68	0.75	0.90	1.17	0.90	0.32	0.16	0.24	0.16	0.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2002, BY WATER YEAR (WY)

MEAN	258	379	585	766	917	1087	660	373	276	442	209	217
MAX	773	755	1811	1502	2107	2763	2119	1176	589	3413	675	737
(WY)	1995	1998	1998	1990	1998	1998	1998	1991	1991	1994	1994	1998
MIN	91.4	160	208	277	315	430	257	94.7	47.1	62.4	66.2	73.9
(WY)	2002	1991	1989	1989	2001	2000	1986	2000	2000	1986	2000	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1985 - 2002	
ANNUAL TOTAL	146316		87496			
ANNUAL MEAN	401		240		515	
HIGHEST ANNUAL MEAN					1177	1998
LOWEST ANNUAL MEAN					233	2000
HIGHEST DAILY MEAN	4380	Mar 7	1020	Feb 11	25000	Jul 7 1994
LOWEST DAILY MEAN	70	Aug 26	44	Aug 12	28	Jun 17 2000
ANNUAL SEVEN-DAY MINIMUM	72	Aug 25	48	Aug 9	33	Jun 13 2000
MAXIMUM PEAK FLOW			1040	Feb 11	29500	Jul 7 1994
MAXIMUM PEAK STAGE			7.78	Feb 11	26.56	Jul 7 1994
INSTANTANEOUS LOW FLOW			42	Aug 14	27	Jun 17 2000
ANNUAL RUNOFF (CFSM)	0.76		0.45		0.98	
ANNUAL RUNOFF (INCHES)	10.33		6.18		13.27	
10 PERCENT EXCEEDS	922		482		1100	
50 PERCENT EXCEEDS	251		144		324	
90 PERCENT EXCEEDS	91		68		101	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 177
LATITUDE 314552 LONGITUDE 0841512 NAD27 DRAINAGE AREA 527.00 CONTRIBUTING DRAINAGE AREA 527.00* DATUM 211.74 NGVD29
Date Processed: 2003-03-10 12:21 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.01	2.78	4.80	3.63	3.98	---	4.97	4.26	2.36	2.46	2.53	2.47
2	2.93	2.81	4.37	3.65	3.94	4.46	5.17	4.38	2.46	2.38	2.47	2.57
3	2.88	2.84	4.23	3.84	3.88	6.73	5.18	4.07	2.47	2.35	2.61	2.55
4	2.84	2.87	4.06	3.98	3.80	7.29	5.17	3.69	2.34	2.33	2.45	2.47
5	2.81	2.89	3.89	4.12	3.74	7.20	4.65	3.40	2.26	2.50	2.32	2.39
6	2.84	2.89	3.79	4.13	3.84	7.14	4.29	3.20	2.29	2.90	2.24	2.30
7	2.86	2.87	3.73	4.15	5.70	6.97	4.06	3.10	2.46	3.03	2.20	2.23
8	2.83	2.88	3.69	4.12	6.93	5.65	3.90	3.01	2.48	---	2.11	2.13
9	2.80	2.87	3.66	4.04	7.20	4.97	3.80	2.96	2.62	---	2.06	2.08
10	2.78	2.86	3.73	3.93	7.48	4.76	4.22	2.88	2.69	---	2.05	2.05
11	2.75	2.88	4.80	3.84	7.73	4.63	5.75	2.83	2.54	---	2.00	2.03
12	2.74	2.90	5.12	3.83	7.24	---	6.51	2.79	2.43	2.59	1.97	2.03
13	2.75	2.90	4.87	4.19	5.39	5.42	7.06	2.74	2.29	2.53	1.97	2.00
14	2.79	2.92	4.58	4.72	4.90	5.27	7.49	2.76	2.20	2.50	1.99	2.02
15	2.80	2.91	4.28	4.93	4.65	5.03	7.13	2.77	2.18	2.95	2.09	3.09
16	2.78	2.92	4.09	4.84	4.49	4.83	5.92	2.69	2.16	2.94	2.90	4.44
17	2.76	2.93	3.99	4.56	4.38	4.68	5.19	2.60	2.13	2.81	2.61	4.12
18	2.73	2.93	4.14	4.25	4.28	4.54	4.73	2.72	2.09	2.59	2.48	3.93
19	2.70	2.93	4.70	4.04	4.20	4.41	4.57	2.80	2.06	2.39	2.39	3.88
20	2.68	2.95	4.94	4.30	4.15	4.31	4.37	2.95	2.02	2.28	2.42	3.49
21	2.70	2.97	4.66	4.69	4.27	4.83	4.19	3.08	2.02	2.18	2.47	3.12
22	2.73	2.99	4.22	4.80	4.47	6.21	3.95	2.91	2.08	2.24	2.58	3.08
23	2.73	3.03	3.98	4.71	4.54	6.42	3.73	2.74	2.12	2.47	2.51	2.94
24	2.74	3.14	3.90	4.45	---	6.11	3.58	2.61	2.18	2.81	2.48	2.84
25	2.74	3.82	3.93	4.32	4.16	5.32	3.46	2.58	2.35	2.90	2.32	2.76
26	2.73	5.48	3.93	4.56	4.04	4.79	3.36	2.49	2.38	2.78	2.24	2.74
27	2.73	5.71	3.85	4.75	3.97	4.79	3.35	2.44	2.43	2.86	2.16	2.80
28	2.70	5.88	3.76	4.65	---	4.97	3.33	2.40	2.61	2.95	2.16	2.93
29	2.70	6.22	3.70	4.35	---	5.20	3.45	2.34	2.58	2.75	2.21	3.12
30	2.71	6.19	3.67	4.15	---	4.90	4.03	2.32	2.51	2.71	2.25	3.10
31	2.73	---	3.65	4.04	---	4.59	---	2.27	---	2.69	2.34	---
MEAN	2.77	3.44	4.15	4.28	---	---	4.69	2.93	2.33	---	2.31	2.79
MAX	3.01	6.22	5.12	4.93	---	---	7.49	4.38	2.69	---	2.90	4.44
MIN	2.68	2.78	3.65	3.63	---	---	3.33	2.27	2.02	---	1.97	2.00

STATION NUMBER 02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA SOURCE AGENCY USGS STATE 13 COUNTY 177
LATITUDE 314552 LONGITUDE 0841512 NAD27 DRAINAGE AREA 527.00 CONTRIBUTING DRAINAGE AREA 527.00* DATUM 211.74 NGVD29
Date Processed: 2003-03-10 12:21 By acday
APPROVED
DD #5, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00
2	---	---	---	---	---	1.91	0.00	0.00	0.00	0.00	0.01	0.01
3	---	---	---	---	---	0.31	0.00	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	0.03	0.00	0.01	0.02	0.02	0.00	0.00
5	---	---	---	---	---	0.00	0.00	0.00	0.67	0.00	0.00	0.00
6	---	---	---	---	---	0.00	0.00	0.00	0.00	1.13	0.00	0.00
7	---	---	---	---	---	0.00	0.00	0.00	1.00	0.01	0.00	0.00
8	---	---	---	---	---	0.00	0.00	0.00	0.64	0.06	0.00	0.00
9	---	---	---	---	---	0.28	0.41	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	0.00	0.24	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	0.00	0.00	0.00	0.05	0.00	0.00	0.00
12	---	---	---	---	---	1.45	0.45	0.00	0.00	2.05	0.00	0.00
13	---	---	---	---	---	0.00	0.34	0.07	0.00	0.04	0.02	0.21
14	---	---	---	---	---	0.00	0.00	0.00	0.41	0.00	0.47	1.03
15	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.64	3.51
16	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00
17	---	---	---	---	0.00	0.00	0.00	1.00	0.01	0.00	0.00	0.25
18	---	---	---	---	0.00	0.00	0.00	0.29	0.01	0.00	0.00	0.12
19	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
20	---	---	---	---	0.28	0.00	0.00	0.00	0.00	0.15	0.20	0.05
21	---	---	---	---	0.01	0.93	0.00	0.01	0.06	0.29	0.01	0.00
22	---	---	---	---	0.00	0.00	0.00	0.00	0.05	0.19	0.00	0.00
23	---	---	---	---	0.00	0.00	0.00	0.00	0.06	0.02	0.00	0.00
24	---	---	---	---	0.00	0.00	0.00	0.00	0.03	0.07	0.00	0.34
25	---	---	---	---	0.00	0.00	0.00	0.00	0.06	0.01	0.00	0.06
26	---	---	---	---	0.00	0.37	0.21	0.00	1.00	0.24	0.01	0.23
27	---	---	---	---	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.11
28	---	---	---	---	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.01
29	---	---	---	---	---	0.00	1.09	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	0.00	0.40	0.18	0.53	0.04	0.28	0.00
31	---	---	---	---	---	1.03	---	0.03	---	0.00	0.00	---
TOTAL	---	---	---	---	---	6.31	3.20	1.59	4.64	4.32	1.80	5.93

02351272 MUCKALEE CREEK AT EBENEZER ROAD, NEAR FRIENDSHIP, GA

LOCATION.—Lat 32°12'08", long 84°24'54", Schley County, 0.64 miles upstream from the confluence with the Shaver Branch, and 5.66 miles east of Ellaville.

DRAINAGE AREA.—Not determined.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/25/2001	14.93	15.8

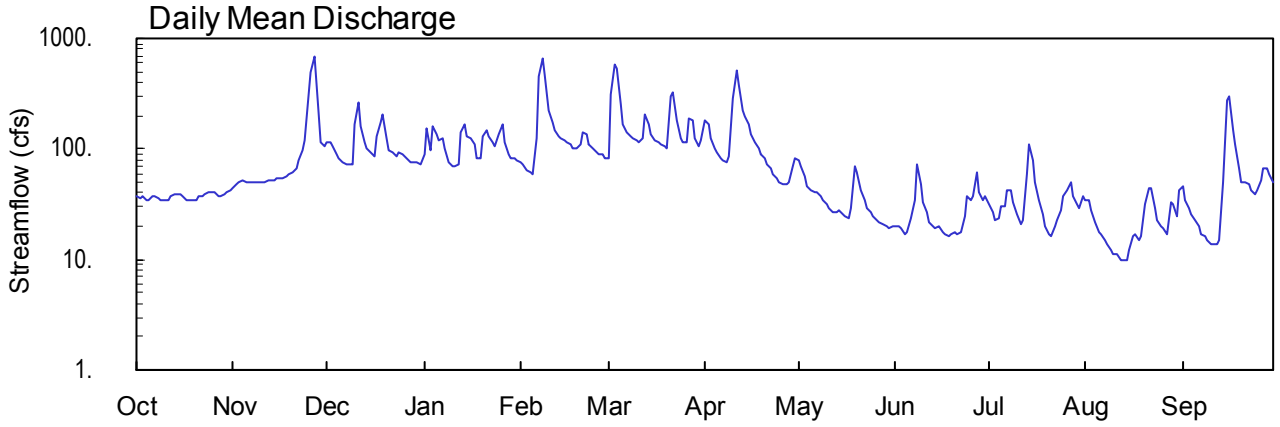
APALACHICOLA RIVER BASIN

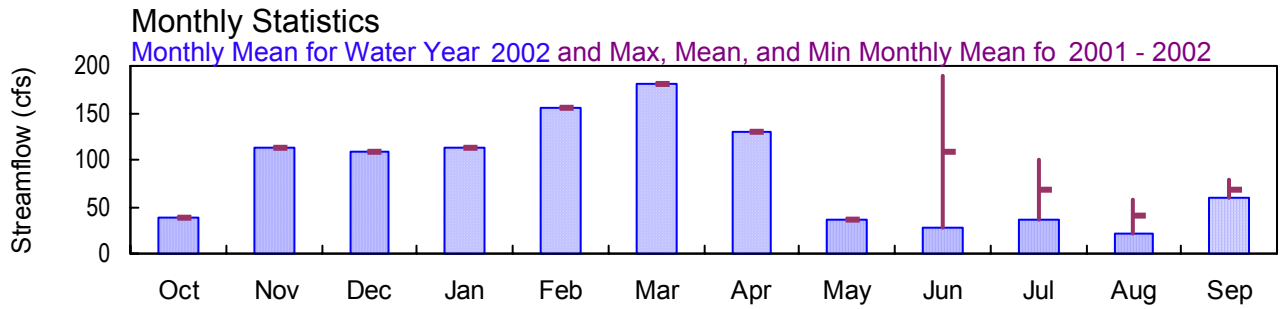
2002 Water Year

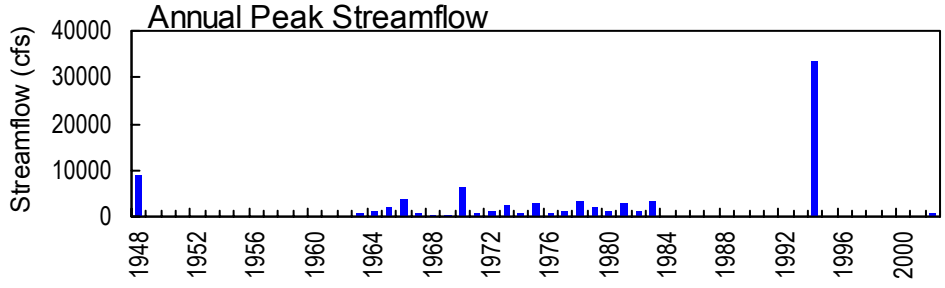
02351500 MUCKALEE CREEK NEAR AMERICUS, GA

Latitude: 32°04'59" Longitude: 84°15'29" Hydrologic Unit Code: 03130007 Sumter County

Drainage Area: 140. mi^2 Datum: 321.09 feet







APALACHICOLA RIVER BASIN
2001-2002 Water Years

02351500 MUCKALEE CREEK NEAR AMERICUS, GA

LOCATION.--Lat 32°04'59", long 84°15'29" referenced to North American Datum (NAD) of 1927, Sumter County, Hydrologic Unit 03130007, on GA 30, 1.0 mile west of intersection with GA 19/38 in Americus.

DRAINAGE AREA.—140 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 31, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Elevation of gage is 321.09 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.--Records good for 2001 water year. Records fair for 2002 water year

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 31, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Elevation of gage is 321.09 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.--Records good for 2001 water year. Records fair for 2002 water year

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.85 feet, November 26; minimum gage-height recorded, 0.49 feet, August 9.

.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 23, 2001 to current year.

GAGE.--Tipping-bucket raingage.

REMARKS.--Records poor from May 23, 2001 to December 31, 2001. Records good from January 1, 2002 to September 30, 2002.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02351500 MUCKALEE CREEK NEAR AMERICUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320459 LONGITUDE 0841529 NAD27 DRAINAGE AREA 140.00* CONTRIBUTING DRAINAGE AREA DATUM 321.09 NGVD29
Date Processed: 2003-03-10 12:25 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	45	117	89	77	84	183	78	20	32	34	46
2	36	48	115	155	72	314	170	69	20	27	34	34
3	e37	51	105	99	63	577	123	57	19	23	28	29
4	e34	52	90	163	61	528	103	46	17	24	22	26
5	34	51	82	138	59	253	92	42	18	30	18	23
6	37	50	76	119	127	166	84	41	24	30	17	20
7	38	49	74	123	457	143	79	40	34	43	15	17
8	36	50	73	103	672	131	76	37	72	42	14	16
9	34	51	73	76	468	124	86	35	47	33	12	15
10	34	51	167	71	220	122	290	31	33	26	11	14
11	34	51	262	71	174	113	516	29	27	21	11	14
12	37	52	162	73	149	127	384	27	22	23	10	14
13	39	52	114	140	132	208	223	27	20	58	9.8	15
14	39	53	100	166	125	168	198	28	19	109	10	50
15	39	54	94	128	118	135	166	26	20	80	12	274
16	37	e54	86	124	113	119	133	25	18	51	16	300
17	34	e55	e128	110	109	115	114	24	17	35	17	148
18	34	e56	e171	81	103	110	101	29	16	26	15	108
19	35	e58	203	82	100	105	90	70	17	20	16	68
20	35	e62	124	132	108	100	81	62	18	17	32	51
21	38	e68	98	146	142	304	74	43	17	16	45	50
22	38	e80	92	130	137	323	67	35	18	20	45	48
23	39	e97	87	114	111	179	59	29	25	23	29	43
24	41	e122	92	106	102	125	54	27	38	28	23	39
25	41	e315	91	138	97	113	50	25	35	37	20	42
26	40	e500	87	166	90	115	47	23	37	43	19	53
27	38	684	79	115	88	187	47	22	61	50	17	67
28	37	218	75	91	83	181	49	21	41	37	33	66
29	39	114	75	84	---	124	71	20	35	32	32	59
30	41	105	75	81	---	107	84	19	38	29	25	49
31	43	---	74	78	---	118	---	20	---	38	43	---
TOTAL	1156	3348	3341	3492	4357	5618	3894	1107	843	1103	684.8	1798
MEAN	37.3	112	108	113	156	181	130	35.7	28.1	35.6	22.1	59.9
MAX	43	684	262	166	672	577	516	78	72	109	45	300
MIN	34	45	73	71	59	84	47	19	16	16	9.8	14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	37.3	112	108	113	156	181	130	35.7	109	68.4	40.2	69.1
MAX	37.3	112	108	113	156	181	130	35.7	189	101	58.3	78.3
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2001	2001	2001	2001
MIN	37.3	112	108	113	156	181	130	35.7	28.1	35.6	22.1	59.9
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	30741.8			
ANNUAL MEAN	84.2		84.2	
HIGHEST ANNUAL MEAN			84.2	2002
LOWEST ANNUAL MEAN			84.2	2002
HIGHEST DAILY MEAN	684	Nov 27	937	Jul 1 2001
LOWEST DAILY MEAN	9.8	Aug 13	9.8	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	11	Aug 9	11	Aug 9 2002
MAXIMUM PEAK FLOW	1030	Nov 26		
MAXIMUM PEAK STAGE	6.85	Nov 26		
INSTANTANEOUS LOW FLOW	9.2	Aug 9		
10 PERCENT EXCEEDS	166		166	
50 PERCENT EXCEEDS	53		53	
90 PERCENT EXCEEDS	19		19	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02351500 MUCKALEE CREEK NEAR AMERICUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320459 LONGITUDE 0841529 NAD27 DRAINAGE AREA 140.00* CONTRIBUTING DRAINAGE AREA DATUM 321.09 NGVD29
Date Processed: 2003-03-10 12:25 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	41	937	50	26
2	---	---	---	---	---	---	---	---	62	537	37	40
3	---	---	---	---	---	---	---	---	60	215	31	130
4	---	---	---	---	---	---	---	---	134	126	27	397
5	---	---	---	---	---	---	---	---	343	94	57	195
6	---	---	---	---	---	---	---	---	185	77	181	104
7	---	---	---	---	---	---	---	---	116	64	95	75
8	---	---	---	---	---	---	---	---	148	55	66	58
9	---	---	---	---	---	---	---	---	260	48	53	50
10	---	---	---	---	---	---	---	---	298	44	68	46
11	---	---	---	---	---	---	---	---	410	40	80	43
12	---	---	---	---	---	---	---	---	362	52	123	48
13	---	---	---	---	---	---	---	---	473	48	80	81
14	---	---	---	---	---	---	---	---	319	40	69	83
15	---	---	---	---	---	---	---	---	159	33	115	59
16	---	---	---	---	---	---	---	---	218	30	78	45
17	---	---	---	---	---	---	---	---	194	27	60	38
18	---	---	---	---	---	---	---	---	106	25	70	36
19	---	---	---	---	---	---	---	---	88	23	92	36
20	---	---	---	---	---	---	---	---	151	23	63	36
21	---	---	---	---	---	---	---	---	108	30	45	35
22	---	---	---	---	---	---	---	---	85	31	37	31
23	---	---	---	---	---	---	---	---	101	28	33	31
24	---	---	---	---	---	---	---	---	102	44	30	71
25	---	---	---	---	---	---	---	---	72	99	26	213
26	---	---	---	---	---	---	---	---	57	97	24	127
27	---	---	---	---	---	---	---	---	59	e74	25	75
28	---	---	---	---	---	---	---	---	459	48	22	55
29	---	---	---	---	---	---	---	---	184	42	22	46
30	---	---	---	---	---	---	---	---	317	40	23	40
31	---	---	---	---	---	---	---	34	---	64	25	---
TOTAL	---	---	---	---	---	---	---	---	5671	3135	1807	2350
MEAN	---	---	---	---	---	---	---	---	189	101	58.3	78.3
MAX	---	---	---	---	---	---	---	---	473	937	181	397
MIN	---	---	---	---	---	---	---	---	41	23	22	26

e Estimated

STATION NUMBER 02351500 MUCKALEE CREEK NEAR AMERICUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320459 LONGITUDE 0841529 NAD27 DRAINAGE AREA 140.00* CONTRIBUTING DRAINAGE AREA DATUM 321.09 NGVD29
Date Processed: 2003-03-10 12:25 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.53	1.69	2.91	2.55	2.41	2.35	3.48	2.27	1.00	1.37	1.43	1.69
2	1.48	1.75	2.91	3.41	2.33	4.13	3.36	2.11	1.00	1.21	1.41	1.43
3	---	1.80	2.79	2.71	2.17	5.60	2.89	1.92	0.96	1.09	1.25	1.29
4	---	1.83	2.58	3.50	2.14	5.40	2.63	1.71	0.88	1.12	1.05	1.18
5	1.43	1.82	2.48	3.23	2.09	3.99	2.46	1.63	0.92	1.31	0.91	1.11
6	1.49	1.78	2.39	3.02	2.89	3.32	2.35	1.61	1.13	1.30	0.85	1.00
7	1.53	1.77	2.35	3.07	5.35	3.11	2.28	1.57	1.38	1.64	0.78	0.87
8	1.47	1.79	2.34	2.79	6.00	2.99	2.24	1.51	2.16	1.62	0.73	0.81
9	1.43	1.80	2.34	2.38	5.13	2.91	2.37	1.46	1.73	1.39	0.65	0.80
10	1.42	1.81	3.28	2.30	3.77	2.88	4.19	1.35	1.40	1.20	0.62	0.75
11	1.44	1.80	4.28	2.30	3.39	2.77	5.37	1.29	1.21	1.05	0.58	0.75
12	1.50	1.83	3.48	2.33	3.17	2.90	4.74	1.23	1.08	1.10	0.54	0.72
13	1.54	1.83	2.95	3.25	3.00	3.68	3.80	1.21	0.99	1.90	0.53	0.77
14	1.56	1.84	2.76	3.52	2.92	3.34	3.60	1.27	0.96	2.71	0.55	1.68
15	1.55	1.86	2.67	3.14	2.83	3.02	3.32	1.19	0.99	2.29	0.64	4.09
16	1.49	---	2.54	3.08	2.77	2.85	3.01	1.16	0.91	1.81	0.82	4.30
17	1.42	---	---	2.91	2.71	2.80	2.78	1.13	0.87	1.44	0.88	3.10
18	1.43	---	---	2.47	2.63	2.72	2.61	1.28	0.84	1.20	0.77	2.64
19	1.44	---	3.85	2.49	2.58	2.65	2.43	2.12	0.87	1.01	0.82	2.01
20	1.46	---	3.08	3.18	2.69	2.58	2.31	2.00	0.93	0.89	1.37	1.72
21	1.52	---	2.72	3.33	3.10	4.21	2.21	1.64	0.86	0.83	1.68	1.70
22	1.52	---	2.64	3.15	3.04	4.44	2.09	1.45	0.91	0.97	1.68	1.65
23	1.56	---	2.55	2.96	2.74	3.43	1.95	1.30	1.17	1.10	1.29	1.56
24	1.59	---	2.64	2.84	2.61	2.91	1.86	1.21	1.51	1.25	1.10	1.46
25	1.60	---	2.62	3.22	2.54	2.77	1.79	1.15	1.44	1.48	0.99	1.52
26	1.57	---	2.56	3.52	2.44	2.79	1.72	1.11	1.49	1.65	0.93	1.76
27	1.52	5.93	2.43	2.96	2.40	3.50	1.73	1.07	1.98	1.79	0.89	2.00
28	1.50	3.73	2.38	2.62	2.33	3.45	1.76	1.02	1.60	1.51	1.39	1.98
29	1.55	2.84	2.37	2.51	---	2.90	2.12	0.98	1.46	1.37	1.37	1.86
30	1.61	2.73	2.36	2.46	---	2.68	2.36	0.96	1.52	1.27	1.16	1.67
31	1.65	---	2.35	2.42	---	2.80	---	0.98	---	1.52	1.62	---
MEAN	---	---	---	2.89	3.01	3.29	2.73	1.42	1.21	1.40	1.01	1.66
MAX	---	---	---	3.52	6.00	5.60	5.37	2.27	2.16	2.71	1.68	4.30
MIN	---	---	---	2.30	2.09	2.35	1.72	0.96	0.84	0.83	0.53	0.72

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02351500 MUCKALEE CREEK NEAR AMERICUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320459 LONGITUDE 0841529 NAD27 DRAINAGE AREA 140.00* CONTRIBUTING DRAINAGE AREA DATUM 321.09 NGVD29
Date Processed: 2003-03-10 12:25 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	1.49	6.62	1.79	1.19
2	---	---	---	---	---	---	---	---	1.91	5.39	1.51	1.56
3	---	---	---	---	---	---	---	---	1.89	3.72	1.33	2.62
4	---	---	---	---	---	---	---	---	2.94	2.91	1.23	4.82
5	---	---	---	---	---	---	---	---	4.55	2.50	1.71	3.54
6	---	---	---	---	---	---	---	---	3.47	2.24	3.43	2.64
7	---	---	---	---	---	---	---	---	2.77	2.04	2.50	2.22
8	---	---	---	---	---	---	---	---	3.03	1.88	2.08	1.94
9	---	---	---	---	---	---	---	---	4.06	1.74	1.85	1.79
10	---	---	---	---	---	---	---	---	4.25	1.67	2.05	1.70
11	---	---	---	---	---	---	---	---	4.85	1.57	2.29	1.64
12	---	---	---	---	---	---	---	---	4.64	1.81	2.85	1.75
13	---	---	---	---	---	---	---	---	5.19	1.75	2.29	2.30
14	---	---	---	---	---	---	---	---	4.38	1.57	2.12	2.34
15	---	---	---	---	---	---	---	---	3.26	1.41	2.78	1.95
16	---	---	---	---	---	---	---	---	3.74	1.30	2.27	1.68
17	---	---	---	---	---	---	---	---	3.55	1.23	1.98	1.53
18	---	---	---	---	---	---	---	---	2.66	1.15	2.13	1.48
19	---	---	---	---	---	---	---	---	2.40	1.08	2.47	1.48
20	---	---	---	---	---	---	---	---	3.19	1.09	2.02	1.47
21	---	---	---	---	---	---	---	---	2.70	1.30	1.68	1.44
22	---	---	---	---	---	---	---	---	2.37	1.34	1.49	1.36
23	---	---	---	---	---	---	---	---	2.60	1.24	1.39	1.34
24	---	---	---	---	---	---	---	---	2.61	1.54	1.30	2.03
25	---	---	---	---	---	---	---	---	2.17	2.57	1.19	3.72
26	---	---	---	---	---	---	---	---	1.91	2.53	1.14	2.90
27	---	---	---	---	---	---	---	---	1.92	---	1.16	2.21
28	---	---	---	---	---	---	---	---	5.11	1.75	1.08	1.89
29	---	---	---	---	---	---	---	---	3.46	1.62	1.06	1.71
30	---	---	---	---	---	---	---	---	3.74	1.57	1.11	1.58
31	---	---	---	---	---	---	---	1.34	---	2.03	1.16	---
MEAN	---	---	---	---	---	---	---	---	3.23	---	1.82	2.06
MAX	---	---	---	---	---	---	---	---	5.19	---	3.43	4.82
MIN	---	---	---	---	---	---	---	---	1.49	---	1.06	1.19

STATION NUMBER 02351500 MUCKALEE CREEK NEAR AMERICUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320459 LONGITUDE 0841529 NAD27 DRAINAGE AREA 140.00* CONTRIBUTING DRAINAGE AREA DATUM 321.09 NGVD29
Date Processed: 2003-03-10 12:25 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.06	0.09	0.02	0.00	0.01	0.02	0.01	0.01	0.00	0.00	0.26	0.00
2	0.03	0.06	0.05	0.32	0.00	2.07	0.00	0.06	0.00	0.00	0.00	0.00
3	---	0.01	0.13	0.09	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
4	---	0.03	0.17	0.00	0.03	0.00	0.00	0.00	0.08	0.06	0.00	0.00
5	0.06	0.07	0.10	0.00	0.00	0.00	0.00	0.02	0.03	0.00	0.00	0.00
6	0.03	0.04	0.25	0.26	2.30	0.00	0.00	0.00	0.00	1.33	0.00	0.00
7	0.01	0.03	0.13	0.03	0.32	0.00	0.00	0.00	1.92	0.00	0.00	0.00
8	0.05	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
9	0.07	0.10	0.09	0.00	0.00	0.11	0.77	0.00	0.00	0.00	0.00	0.00
10	0.08	0.05	1.79	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00
11	0.07	0.02	0.16	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
12	0.05	0.09	0.15	0.69	0.00	1.13	0.10	0.00	0.00	1.94	0.00	0.00
13	0.00	0.14	0.16	0.01	0.00	0.00	0.20	0.53	0.00	0.26	0.00	0.83
14	0.13	0.10	0.22	0.10	0.00	0.00	0.00	0.00	0.10	0.19	0.04	1.86
15	0.04	0.14	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35
16	0.05	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.03	0.00	1.15	0.00	0.00	0.00	0.37	0.05	0.01	0.00	0.00	0.06
18	0.05	0.00	0.07	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.09	0.03
19	0.03	0.00	0.00	0.59	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00
20	0.02	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.48	0.20
21	0.00	0.00	0.00	0.08	0.01	1.21	0.00	0.00	0.03	0.65	0.00	0.00
22	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
23	0.11	0.00	0.08	0.01	0.00	0.00	0.00	0.00	1.16	0.61	0.00	0.00
24	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
25	0.07	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.09	0.41	0.20
26	0.04	0.05	0.00	0.00	0.00	0.33	0.00	0.00	0.05	0.48	0.03	0.40
27	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.04
28	0.01	0.12	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
29	0.12	0.14	0.00	0.00	---	0.00	0.83	0.00	0.00	0.00	0.00	0.00
30	0.09	0.36	0.00	0.00	---	0.00	0.22	0.01	0.07	0.01	0.30	0.00
31	0.07	---	0.00	0.00	---	1.22	---	0.00	---	0.00	0.00	---
TOTAL	---	2.04	4.82	2.63	2.93	6.20	2.81	1.18	3.63	5.68	1.68	5.03

STATION NUMBER 02351500 MUCKALEE CREEK NEAR AMERICUS, GA SOURCE AGENCY USGS STATE 13 COUNTY 261
LATITUDE 320459 LONGITUDE 0841529 NAD27 DRAINAGE AREA 140.00* CONTRIBUTING DRAINAGE AREA DATUM 321.09 NGVD29
Date Processed: 2003-03-10 12:25 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	0.39	0.16	0.01	0.35
2	---	---	---	---	---	---	---	---	0.01	0.02	0.00	0.38
3	---	---	---	---	---	---	---	---	1.64	0.00	0.00	---
4	---	---	---	---	---	---	---	---	0.21	0.00	0.00	0.07
5	---	---	---	---	---	---	---	---	0.02	0.00	0.64	0.04
6	---	---	---	---	---	---	---	---	0.33	0.00	0.01	0.02
7	---	---	---	---	---	---	---	---	0.28	0.00	0.19	0.04
8	---	---	---	---	---	---	---	---	0.66	0.01	0.02	0.00
9	---	---	---	---	---	---	---	---	0.35	0.00	0.03	0.01
10	---	---	---	---	---	---	---	---	1.07	0.04	2.54	0.07
11	---	---	---	---	---	---	---	---	0.60	0.02	0.25	0.82
12	---	---	---	---	---	---	---	---	1.09	0.03	0.03	0.34
13	---	---	---	---	---	---	---	---	0.01	0.01	0.14	0.01
14	---	---	---	---	---	---	---	---	0.04	0.00	0.29	0.03
15	---	---	---	---	---	---	---	---	0.14	0.00	0.02	0.03
16	---	---	---	---	---	---	---	---	0.50	0.02	0.01	0.00
17	---	---	---	---	---	---	---	---	0.00	0.03	0.80	0.01
18	---	---	---	---	---	---	---	---	0.00	0.01	0.03	0.06
19	---	---	---	---	---	---	---	---	0.78	0.00	0.01	0.03
20	---	---	---	---	---	---	---	---	0.04	0.21	0.03	0.09
21	---	---	---	---	---	---	---	---	0.44	0.01	0.01	0.02
22	---	---	---	---	---	---	---	---	0.22	0.01	0.02	0.01
23	---	---	---	---	---	---	---	---	0.01	0.02	0.04	0.02
24	---	---	---	---	---	---	---	---	0.00	2.14	0.04	1.69
25	---	---	---	---	---	---	---	---	0.01	0.22	0.00	0.05
26	---	---	---	---	---	---	---	---	0.01	0.00	0.00	0.03
27	---	---	---	---	---	---	---	---	4.01	---	0.03	0.05
28	---	---	---	---	---	---	---	---	0.25	0.00	0.01	0.07
29	---	---	---	---	---	---	---	---	0.02	0.01	0.05	0.02
30	---	---	---	---	---	---	---	---	3.35	0.20	0.05	0.00
31	---	---	---	---	---	---	---	0.02	---	0.00	0.04	---
TOTAL	---	---	---	---	---	---	---	---	16.48	---	5.34	---

02351700 MUCKALEE CREEK NEAR SMITHVILLE, GA

LOCATION.--Lat 31°53'43", long 84°11'52", Lee County, Hydrologic Unit 03130007, 0.55 miles downstream from the confluence of Five Mile Branch, and 2.87 miles east of Smithville.

DRAINAGE AREA.—265.0 mi^2.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/26/2001	20.78	74.3

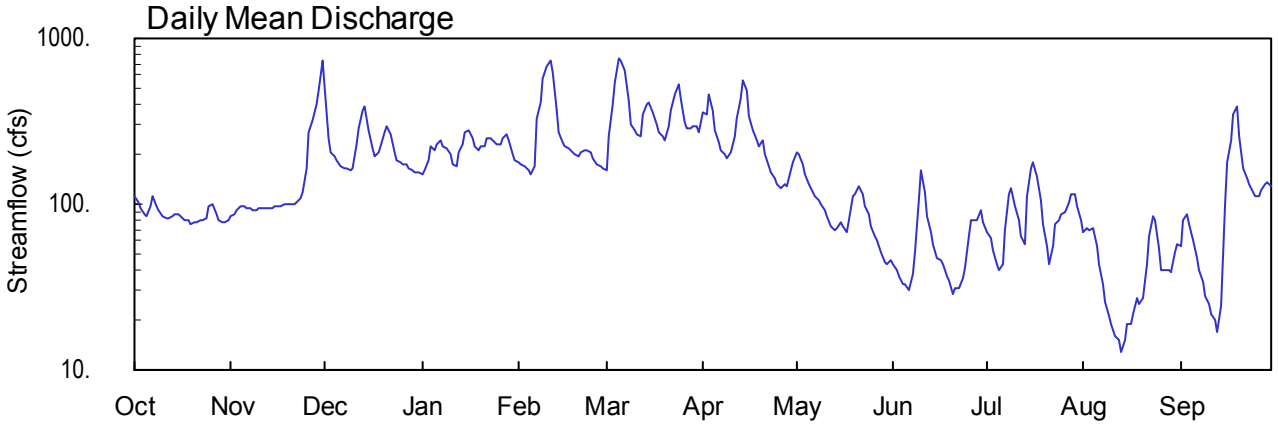
APALACHICOLA RIVER BASIN

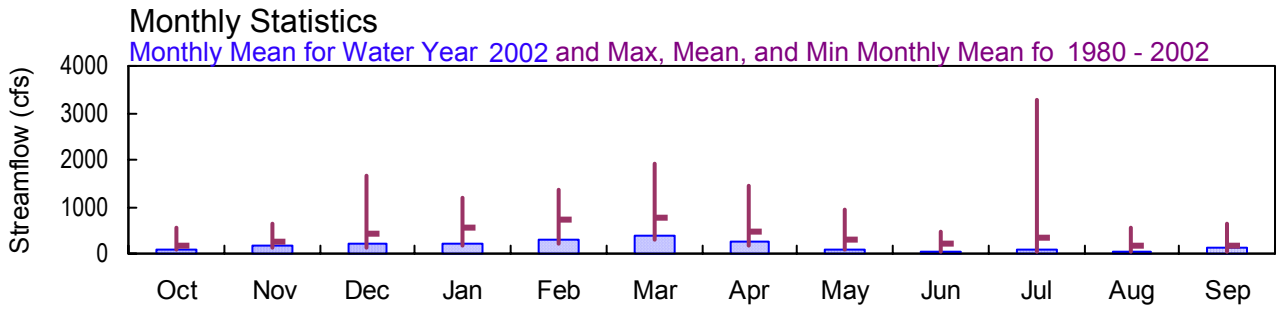
2002 Water Year

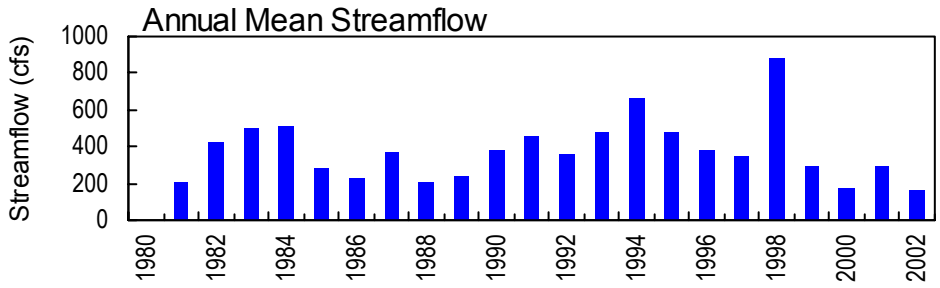
02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA

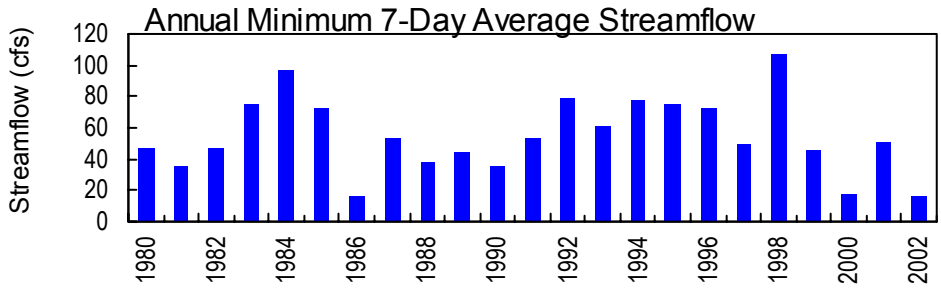
Latitude: 31°46'34" Longitude: 84°08'22" Hydrologic Unit Code: 03130007 Lee County

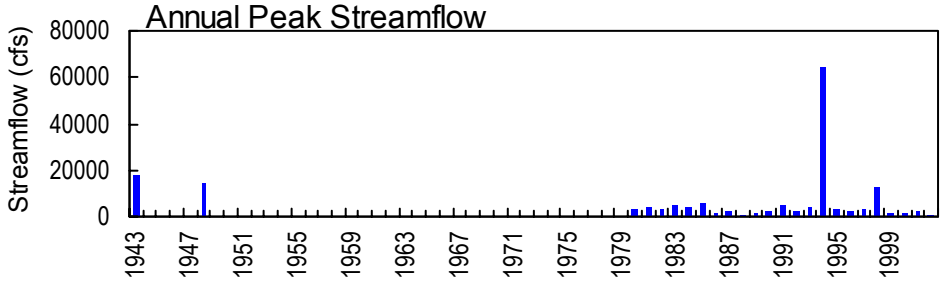
Drainage Area: 362. mi^2 Datum: 220.00 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA

LOCATION.--Lat 31°46'34", long 84°08'22" referenced to North American Datum (NAD) of 1927, Lee County, Hydrologic Unit 03130007, on downstream end of bridge pier on GA 195, 75 feet downstream from White Oak Branch, 3.3 miles downstream from Muckaloochee Creek, and 4.0 miles northeast of Leesburg.

DRAINAGE AREA.—362 mi^2.

COOPERATION.—Georgia Geologic Survey; Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—December 1979 to current year.

REVISED RECORDS.—WRD GA-82-1: 1980(P), 1981(P).

GAGE.—Satellite telemetry with a water-stage recorder. Elevation of gage is 220.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for the period of estimated discharge, which is fair. Discharges during growing season affected by undetermined amount of irrigation withdrawal.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,200 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Nov. 30	1230	779*	8.66*

WATER-STAGE RECORDS

PERIOD OF RECORD.—December 1979 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Elevation of gage is 220.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.66 feet, November 30; minimum gage-height recorded, 1.81 feet, August 14.

02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—February 13, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 177
LATITUDE 314634 LONGITUDE 0840822 NAD27 DRAINAGE AREA 362.00 CONTRIBUTING DRAINAGE AREA 362.00* DATUM 220 NGVD29
Date Processed: 2003-03-10 12:32 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	112	84	511	153	179	162	354	204	43	67	67	56
2	102	86	247	159	173	254	353	202	40	62	71	79
3	94	93	204	186	168	401	464	175	37	53	69	86
4	88	97	193	221	161	538	372	152	33	43	71	75
5	85	96	183	209	152	749	280	133	33	40	56	61
6	96	94	171	228	171	740	234	118	30	43	43	47
7	111	94	163	240	327	646	210	111	38	70	33	40
8	98	93	166	225	411	418	199	106	51	115	26	34
9	93	93	159	216	567	307	188	100	108	126	21	28
10	85	94	165	199	687	282	207	92	162	98	19	25
11	82	95	227	175	728	265	259	85	117	80	16	22
12	83	95	285	171	630	259	327	74	84	64	15	20
13	85	94	364	208	366	346	433	69	67	57	13	17
14	87	94	394	232	268	403	559	71	57	112	15	24
15	87	96	282	272	239	409	492	78	47	163	19	101
16	85	97	215	276	223	358	337	74	46	179	19	179
17	80	98	194	253	215	302	279	67	43	146	22	240
18	79	99	204	223	209	272	241	81	37	106	27	349
19	76	99	223	210	201	257	222	111	35	76	25	391
20	78	99	270	221	197	244	240	114	29	56	27	259
21	78	101	298	226	208	294	200	128	31	43	44	165
22	79	104	262	249	212	373	171	116	31	56	65	143
23	81	108	203	252	210	457	154	97	36	76	84	131
24	82	117	185	240	205	522	142	86	41	79	80	119
25	96	165	178	229	190	441	132	74	65	87	54	113
26	101	270	176	233	176	314	125	64	79	90	40	112
27	86	322	173	251	171	289	133	60	80	103	40	122
28	81	395	167	264	163	284	129	51	79	116	40	132
29	78	488	161	241	---	292	160	45	92	116	39	136
30	77	738	157	202	---	297	178	44	78	96	52	129
31	79	---	155	186	---	273	---	46	---	79	57	---
TOTAL	2704	4698	6935	6850	7807	11448	7774	3028	1749	2697	1269	3435
MEAN	87.2	157	224	221	279	369	259	97.7	58.3	87.0	40.9	114
MAX	112	738	511	276	728	749	559	204	162	179	84	391
MIN	76	84	155	153	152	162	125	44	29	40	13	17
CFSM	0.24	0.43	0.62	0.61	0.77	1.02	0.72	0.27	0.16	0.24	0.11	0.32
IN.	0.28	0.48	0.71	0.70	0.80	1.18	0.80	0.31	0.18	0.28	0.13	0.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

MEAN	177	263	424	558	703	746	482	288	208	344	182	161
MAX	566	629	1667	1194	1360	1906	1450	957	475	3296	552	644
(WY)	1995	1998	1998	1998	1998	1998	1998	1991	1991	1994	1984	1998
MIN	78.8	129	145	183	196	281	169	65.8	33.3	35.1	40.9	57.7
(WY)	2001	1991	1989	1989	1989	1989	1986	2000	2000	1986	2002	1990

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1980 - 2002	
ANNUAL TOTAL	105459		60394			
ANNUAL MEAN	289		165		377	
HIGHEST ANNUAL MEAN					876	1998
LOWEST ANNUAL MEAN					165	2002
HIGHEST DAILY MEAN	2600	Mar 6	749	Mar 5	36000	Jul 7 1994
LOWEST DAILY MEAN	44	Jul 22	13	Aug 13	12	Jul 20 1986
ANNUAL SEVEN-DAY MINIMUM	51	Jul 17	17	Aug 10	16	Jul 15 1986
MAXIMUM PEAK FLOW			779	Nov 30	64400	Jul 6 1994
MAXIMUM PEAK STAGE			8.66	Nov 30	29.10	Jul 6 1994
INSTANTANEOUS LOW FLOW			11	Aug 14	11	Aug 14 2002
ANNUAL RUNOFF (CFSM)	0.80		0.46		1.04	
ANNUAL RUNOFF (INCHES)	10.84		6.21		14.17	
10 PERCENT EXCEEDS	714		331		783	
50 PERCENT EXCEEDS	185		117		223	
90 PERCENT EXCEEDS	81		40		79	

STATION NUMBER 02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 177
LATITUDE 314634 LONGITUDE 0840822 NAD27 DRAINAGE AREA 362.00 CONTRIBUTING DRAINAGE AREA 362.00* DATUM 220 NGVD29
Date Processed: 2003-03-10 12:32 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.69	3.29	7.24	4.22	4.54	4.31	6.21	4.70	2.45	2.81	2.82	2.65
2	3.56	3.33	5.25	4.29	4.46	5.26	6.20	4.68	2.41	2.74	2.86	2.97
3	3.45	3.42	4.82	4.61	4.40	6.58	7.02	4.33	2.34	2.60	2.84	3.07
4	3.36	3.48	4.69	5.00	4.32	7.45	6.35	4.04	2.29	2.46	2.87	2.91
5	3.32	3.47	4.59	4.88	4.21	8.53	5.52	3.76	2.28	2.40	2.65	2.72
6	3.46	3.44	4.44	5.07	4.42	8.49	5.05	3.55	2.23	2.45	2.44	2.51
7	3.68	3.44	4.35	5.19	5.98	8.04	4.78	3.45	2.37	2.85	2.29	2.39
8	3.49	3.42	4.38	5.05	6.65	6.68	4.64	3.38	2.57	3.50	2.16	2.31
9	3.42	3.42	4.30	4.95	7.62	5.80	4.51	3.28	3.41	3.67	2.06	2.20
10	3.32	3.44	4.37	4.76	8.24	5.54	4.75	3.16	4.17	3.25	1.99	2.14
11	3.27	3.45	5.06	4.49	8.43	5.37	5.31	3.06	3.53	2.98	1.93	2.08
12	3.28	3.46	5.61	4.43	7.94	5.32	5.98	2.91	3.04	2.77	1.90	2.02
13	3.31	3.44	6.29	4.86	6.29	6.13	6.80	2.84	2.81	2.67	1.85	1.96
14	3.33	3.44	6.52	5.12	5.46	6.60	7.59	2.87	2.67	3.45	1.90	2.11
15	3.34	3.47	5.58	5.50	5.18	6.64	7.18	2.96	2.52	4.18	2.00	3.30
16	3.31	3.49	4.95	5.53	5.03	6.24	6.07	2.91	2.49	4.39	2.01	4.39
17	3.24	3.50	4.71	5.32	4.94	5.75	5.51	2.81	2.45	3.94	2.08	5.11
18	3.23	3.51	4.82	5.03	4.88	5.44	5.13	3.01	2.34	3.38	2.17	6.16
19	3.17	3.51	5.02	4.89	4.78	5.29	4.93	3.45	2.31	2.94	2.14	6.51
20	3.21	3.51	5.47	5.01	4.75	5.16	5.12	3.50	2.21	2.65	2.17	5.29
21	3.21	3.54	5.73	5.06	4.87	5.66	4.66	3.69	2.25	2.45	2.47	4.20
22	3.21	3.58	5.40	5.28	4.91	6.36	4.29	3.52	2.25	2.65	2.78	3.92
23	3.25	3.64	4.81	5.31	4.89	6.97	4.06	3.23	2.33	2.94	3.04	3.75
24	3.27	3.76	4.61	5.19	4.84	7.38	3.90	3.06	2.41	2.97	2.98	3.57
25	3.47	4.35	4.52	5.09	4.67	6.85	3.76	2.90	2.77	3.09	2.63	3.48
26	3.54	5.47	4.50	5.13	4.50	5.86	3.66	2.77	2.97	3.13	2.40	3.47
27	3.32	5.94	4.46	5.30	4.44	5.62	3.78	2.71	2.98	3.33	2.40	3.62
28	3.24	6.53	4.40	5.42	4.34	5.56	3.71	2.57	2.98	3.53	2.40	3.76
29	3.21	7.16	4.32	5.20	---	5.64	4.13	2.48	3.16	3.52	2.37	3.81
30	3.20	8.48	4.27	4.80	---	5.70	4.37	2.46	2.96	3.22	2.58	3.72
31	3.22	---	4.24	4.61	---	5.45	---	2.49	---	2.97	2.67	---
MEAN	3.34	4.05	4.96	4.99	5.36	6.18	5.17	3.24	2.67	3.09	2.38	3.40
MAX	3.69	8.48	7.24	5.53	8.43	8.53	7.59	4.70	4.17	4.39	3.04	6.51
MIN	3.17	3.29	4.24	4.22	4.21	4.31	3.66	2.46	2.21	2.40	1.85	1.96

STATION NUMBER 02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA SOURCE AGENCY USGS STATE 13 COUNTY 177
LATITUDE 314634 LONGITUDE 0840822 NAD27 DRAINAGE AREA 362.00 CONTRIBUTING DRAINAGE AREA 362.00* DATUM 220 NGVD29
Date Processed: 2003-03-10 12:32 By acday
APPROVED
DD #5, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	0.00	0.01	0.01	0.00	0.00	0.05	0.00
2	---	---	---	---	---	2.19	0.00	0.00	0.00	0.00	0.01	0.00
3	---	---	---	---	---	0.11	0.03	0.00	0.02	0.00	0.00	0.00
4	---	---	---	---	---	0.01	0.01	0.00	0.18	0.05	0.00	0.00
5	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	0.00	0.00	0.00	0.01	0.68	0.00	0.00
7	---	---	---	---	---	0.00	0.00	0.00	0.41	0.02	0.00	0.00
8	---	---	---	---	---	0.00	0.00	0.00	0.12	0.02	0.00	0.00
9	---	---	---	---	---	0.23	0.23	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	0.00	0.44	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	0.45	0.12	0.00	0.00	0.14	0.00	0.00
13	---	---	---	---	---	0.00	0.29	0.08	0.00	0.01	0.01	0.01
14	---	---	---	---	0.00	0.00	0.04	0.00	0.17	0.04	1.33	2.00
15	---	---	---	---	0.00	0.00	0.01	0.00	0.00	0.00	0.01	2.51
16	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	0.00	0.00	0.00	0.11	0.02	0.00	0.00	0.78
18	---	---	---	---	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.12
19	---	---	---	---	0.00	0.00	0.00	0.00	0.01	0.00	0.64	0.00
20	---	---	---	---	0.28	0.00	0.00	0.00	0.00	0.01	0.14	0.11
21	---	---	---	---	0.00	1.11	0.00	0.00	0.02	0.10	0.00	0.00
22	---	---	---	---	0.00	0.00	0.00	0.00	0.02	1.26	0.00	0.00
23	---	---	---	---	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00
24	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26
25	---	---	---	---	0.00	0.00	0.00	0.00	0.02	0.32	0.00	0.11
26	---	---	---	---	0.00	0.43	0.28	0.00	0.09	0.12	0.00	0.36
27	---	---	---	---	0.00	0.01	0.00	0.00	0.01	0.01	0.13	0.16
28	---	---	---	---	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
29	---	---	---	---	---	0.00	0.83	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	0.00	0.38	1.02	0.10	0.62	0.78	0.00
31	---	---	---	---	---	1.09	---	0.01	---	0.00	0.01	---
TOTAL	---	---	---	---	---	5.63	2.67	1.93	1.46	3.40	3.11	6.42

02351900 MUCKALEE CREEK NEAR LEESBURG, GA

LOCATION.—Lat 31°43'55", long 84°07'30", Lee County, Hydrologic Unit Code 031310007, 4.4 miles down stream from the confluence with Muckaloochee Creek, and 1.9 miles east of Leesburg.

DRAINAGE AREA.—405.0 mi^2.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.— None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/26/2001	29.04	117

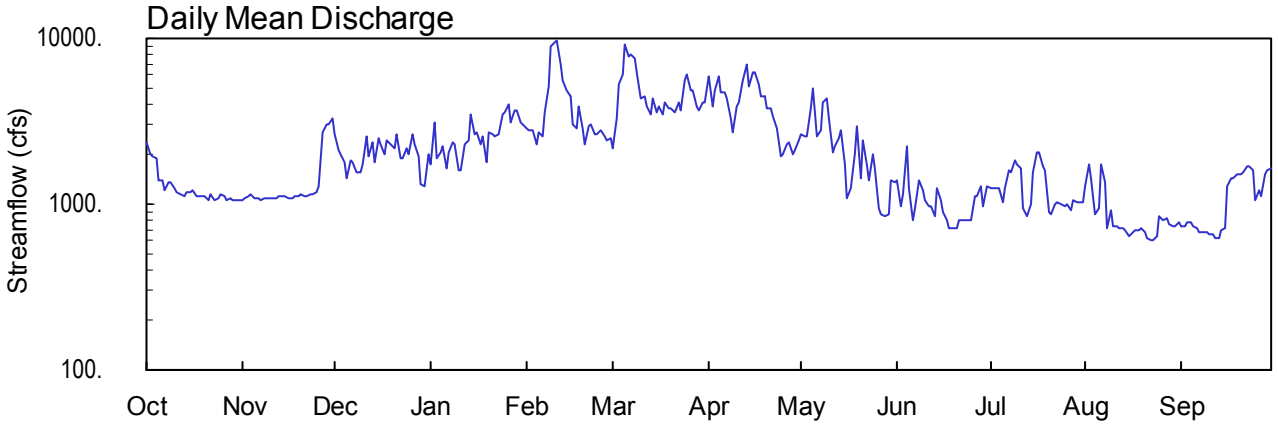
APALACHICOLA RIVER BASIN

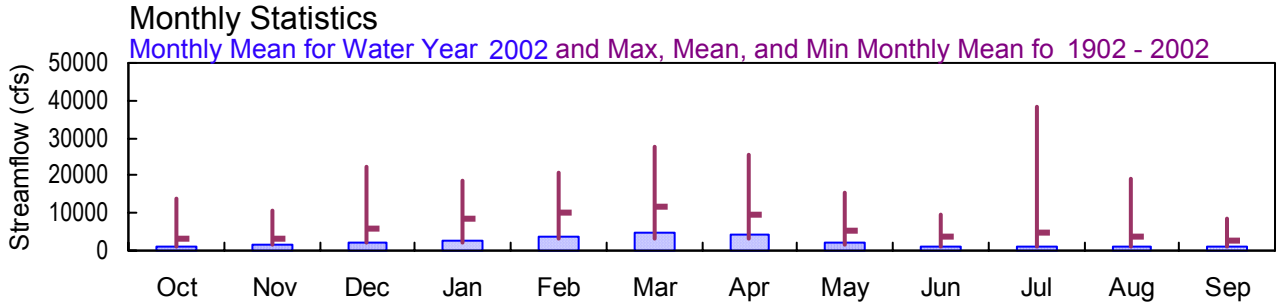
2002 Water Year

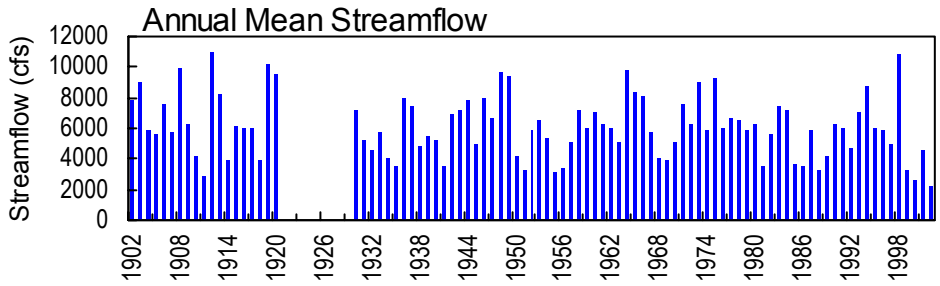
02352500 FLINT RIVER AT ALBANY, GA

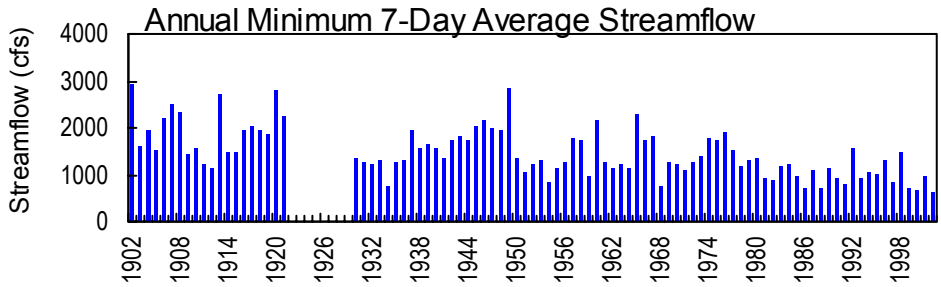
Latitude: 31°35'39" Longitude: 84°08'39" Hydrologic Unit Code: 03130008 Dougherty County

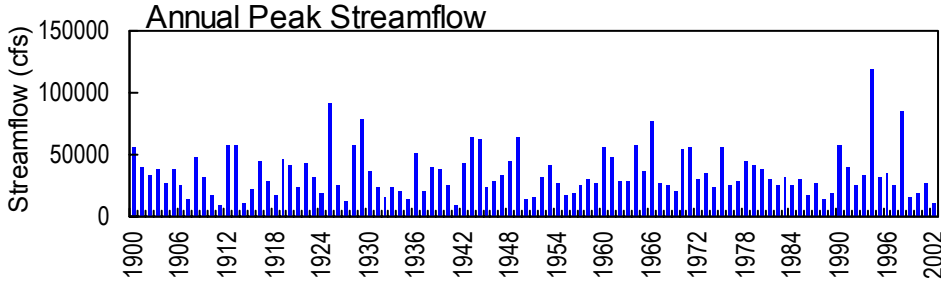
Drainage Area: 5,310. mi^2 Datum: 150.03 feet

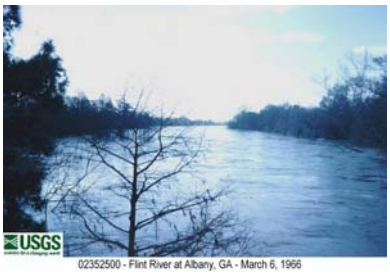












APALACHICOLA RIVER BASIN
2002 Water Year

02352500 FLINT RIVER AT ALBANY, GA

LOCATION.—Lat 31°35'39", long 84°08'39" referenced to North American Datum (NAD) of 1927, Dougherty County, Hydrologic Unit 03130008, on right bank at downstream side of Georgia Northern Railway bridge in Albany, 0.5 miles downstream from Muckafoonee Creek, and at mile 103.4.

DRAINAGE AREA.—5,310 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—February 1897 to September 1901 (gage-height only), October 1901 to June 1921, October 1929 to current year. Gage-height records collected at site 1.0 mile downstream since 1893 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 1504: 1902, 1913(M), 1916-17, 1919- 21, 1930(m), 1934(m), drainage area; WDR GA-95-1:1994.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 150.03 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to January 1, 1902, a non-recording gage was located at site 1.0 mile downstream at datum 1.3 feet lower. From January 1, 1902 to June 30, 1921, a non-recording gage was located at site 1.0 mile downstream at datum 2.0 feet lower.

REMARKS.—Records good. Flow regulated by power plants at Flint River Reservoir since 1921 with a capacity of 7,500 acre-feet; and at Warwick Reservoir since 1930 with a capacity of about 35,000 acre-feet. Normal operation of power plants does not materially affect figures of monthly runoff.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of January 21, 1925 reached a stage of 37.84 feet, from flood marks, present site and datum, discharge, 92,000 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 20,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 10	1215	11,400*	9.05*

02352500 FLINT RIVER AT ALBANY, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—February 1897 to September 1901 (gage-height only), October 1901 to June 1921, October 1929 to current year. Gage-height records collected at site 1.0 mile downstream since 1893 are contained in reports of National Weather Service.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 150.03 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to January 1, 1902, a non-recording gage was located at site 1.0 mile downstream at datum 1.3 feet lower. From January 1, 1902 to June 30, 1921, a non-recording gage was located at site 1.0 mile downstream at datum 2.0 feet lower.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.05 feet, February 10; minimum gage-height recorded, 1.13 feet, June 5, July 27, August 1, 15.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 18, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02352500 FLINT RIVER AT ALBANY, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313539 LONGITUDE 0840839 NAD27 DRAINAGE AREA 5310.00* CONTRIBUTING DRAINAGE AREA DATUM 150.03 NGVD29
Date Processed: 2003-03-10 12:37 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2380	1060	2670	1720	2880	2190	5880	2620	1400	1250	1290	738
2	1990	1100	2090	3100	2790	3270	3930	2600	972	1250	1750	742
3	1970	1110	2010	1870	2780	5230	4800	2540	1160	1240	1420	780
4	1880	1140	1800	2080	2300	6120	5980	3810	2260	1260	864	785
5	1410	1090	1430	2210	2750	9190	4720	5010	1260	1030	944	746
6	1400	1100	1820	1670	2580	7710	4690	2540	792	1260	1750	715
7	1220	1070	1810	2040	3580	8110	4320	2770	945	1620	1360	682
8	1360	1100	1580	2360	5130	7670	3270	4090	1400	1570	724	671
9	1350	1090	1550	2330	8950	6300	2710	4370	1230	1840	908	672
10	1240	1090	1760	1610	9440	4330	3850	3320	1070	1750	738	660
11	1190	1090	2550	1590	9620	4440	4110	2070	977	1640	738	658
12	1150	1100	1960	2300	6910	3930	5520	2220	968	953	724	629
13	1130	1120	2350	2450	5620	3530	6880	2510	855	858	709	625
14	1170	1120	1810	3510	4890	4340	5100	2810	1240	1010	688	690
15	1180	1120	2510	2670	4440	3600	6270	1720	1060	1570	638	724
16	1200	1090	2280	2690	3030	3860	6270	1100	886	2070	678	1300
17	1120	1100	1980	2290	2860	3460	5280	1250	806	2080	702	1420
18	1120	1120	2450	e2560	3890	4080	4430	2000	716	1710	705	1440
19	1130	1120	2320	1770	2880	3790	4430	2970	715	1590	723	1500
20	1130	1160	2150	2750	2320	3780	3800	1430	720	905	672	1520
21	1070	1120	2640	2660	2970	3610	3820	2430	806	866	620	1550
22	1150	1120	1870	2580	3060	4130	3380	1730	800	1000	615	1700
23	1070	1150	1900	2670	2630	3640	2850	1410	802	1020	611	1680
24	1100	1160	2160	3530	2670	5580	1920	2010	802	992	649	1620
25	1140	1180	2010	3600	2760	6110	1990	1670	808	985	858	1070
26	1110	1290	2620	4000	2560	4860	2310	941	1120	991	798	1200
27	1060	2700	2270	3140	2450	4910	2370	873	1110	915	818	1110
28	1100	3070	1920	3720	2500	3850	1980	845	1270	1070	759	1510
29	1070	3050	1310	3720	---	3650	2110	877	966	1040	735	1600
30	1070	3300	1300	3150	---	4130	2400	1410	1270	1020	739	1670
31	1050	---	1990	3050	---	4120	---	1370	---	1020	775	---
TOTAL	39710	41230	62870	81390	111240	147520	121370	69316	31186	39375	26702	32407
MEAN	1281	1374	2028	2625	3973	4759	4046	2236	1040	1270	861	1080
MAX	2380	3300	2670	4000	9620	9190	6880	5010	2260	2080	1750	1700
MIN	1050	1060	1300	1590	2300	2190	1920	845	715	858	611	625
CFSM	0.24	0.26	0.38	0.49	0.75	0.90	0.76	0.42	0.20	0.24	0.16	0.20
IN.	0.28	0.29	0.44	0.57	0.78	1.03	0.85	0.49	0.22	0.28	0.19	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1902 - 2002, BY WATER YEAR (WY)

MEAN	3070	3400	6033	8344	10370	11770	9312	5564	3948	4639	3982	2796
MAX	13970	10520	22210	18590	20680	27490	25500	15410	9722	38480	18950	8709
(WY)	1930	1931	1949	1964	1908	1998	1944	1920	1973	1994	1919	1903
MIN	1099	1374	1993	2306	3252	3053	2984	1408	814	814	861	986
(WY)	2001	2002	1989	1956	1989	1911	1986	2000	2000	1986	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1902 - 2002	
ANNUAL TOTAL	1607520		804316			
ANNUAL MEAN	4404		2204		6097	
HIGHEST ANNUAL MEAN					10910	1912
LOWEST ANNUAL MEAN					2204	2002
HIGHEST DAILY MEAN	27000	Mar 22	9620	Feb 11	119000	Jul 10 1994
LOWEST DAILY MEAN	1020	May 21	611	Aug 23	327	Aug 24 1930
ANNUAL SEVEN-DAY MINIMUM	1070	Oct 27	656	Aug 18	656	Aug 18 2002
MAXIMUM PEAK FLOW			11400	Feb 10	120000	Jul 11 1994
MAXIMUM PEAK STAGE			9.05	Feb 10	43.00	Jul 11 1994
ANNUAL RUNOFF (CFSM)	0.83		0.41		1.15	
ANNUAL RUNOFF (INCHES)	11.26		5.63		15.60	
10 PERCENT EXCEEDS	10900		4330		13000	
50 PERCENT EXCEEDS	2480		1670		4080	
90 PERCENT EXCEEDS	1130		778		1670	

e Estimated

STATION NUMBER 02352500 FLINT RIVER AT ALBANY, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313539 LONGITUDE 0840839 NAD27 DRAINAGE AREA 5310.00* CONTRIBUTING DRAINAGE AREA DATUM 150.03 NGVD29
Date Processed: 2003-03-10 12:37 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.45	2.10	3.83	2.98	3.92	3.39	6.07	3.88	2.68	2.52	2.53	1.74
2	3.02	2.15	3.33	4.00	3.86	4.21	4.99	3.87	2.12	2.52	2.88	1.74
3	3.08	2.17	3.27	3.00	3.91	5.59	5.46	3.82	2.38	2.49	2.73	1.81
4	2.97	2.20	3.06	3.31	3.48	6.09	6.11	4.70	3.55	2.53	1.94	1.82
5	2.52	2.14	2.72	3.48	3.88	7.83	5.40	5.48	2.30	2.17	2.07	1.75
6	2.53	2.15	3.09	2.97	3.67	7.02	5.37	3.81	1.82	2.53	2.87	1.69
7	2.30	2.11	3.12	3.34	4.43	7.25	5.13	3.99	2.01	2.91	2.50	1.63
8	2.46	2.15	2.86	3.57	5.51	7.04	4.42	4.90	2.69	2.83	1.70	1.61
9	2.47	2.14	2.83	3.58	7.71	6.26	4.00	5.08	2.49	3.09	2.01	1.61
10	2.34	2.13	3.05	2.90	7.98	5.11	4.81	4.37	2.26	3.01	1.73	1.59
11	2.28	2.14	3.81	2.92	8.08	5.19	4.95	3.39	2.13	2.91	1.74	1.59
12	2.22	2.15	3.26	3.47	6.54	4.91	5.78	3.55	2.10	2.06	1.71	1.53
13	2.19	2.17	3.62	3.64	5.80	4.67	6.57	3.77	1.93	1.94	1.68	1.52
14	2.25	2.18	3.16	4.47	5.39	5.19	5.53	4.04	2.51	2.13	1.64	1.63
15	2.27	2.18	3.78	3.92	5.11	4.76	6.24	3.01	2.23	2.86	1.54	1.70
16	2.28	2.13	3.54	3.94	4.08	4.97	6.23	2.31	1.97	3.29	1.62	2.55
17	2.18	2.15	3.27	3.57	3.95	4.73	5.64	2.49	1.84	3.32	1.67	2.68
18	2.18	2.17	3.71	---	4.76	5.12	5.12	3.21	1.70	3.01	1.68	2.68
19	2.20	2.18	3.61	3.07	3.95	4.92	5.12	3.90	1.69	2.76	1.71	2.72
20	2.19	2.23	3.44	3.94	3.50	4.94	4.72	2.65	1.70	2.00	1.61	2.72
21	2.10	2.18	3.90	3.91	4.06	4.82	4.73	3.51	1.85	1.94	1.51	2.73
22	2.22	2.19	3.17	3.84	4.09	5.14	4.43	2.87	1.85	2.14	1.50	2.86
23	2.11	2.22	3.18	3.92	3.81	4.86	4.06	2.56	1.85	2.19	1.49	2.82
24	2.15	2.24	3.43	4.50	3.79	5.93	3.26	3.19	1.85	2.15	1.56	2.75
25	2.21	2.27	3.28	4.54	3.85	6.21	3.33	2.81	1.86	2.13	1.93	2.19
26	2.16	2.39	3.88	4.82	3.69	5.54	3.62	2.07	2.32	2.15	1.84	2.34
27	2.10	3.89	3.53	4.17	3.59	5.56	3.67	1.97	2.30	2.00	1.87	2.24
28	2.15	4.16	3.18	4.62	3.61	4.96	3.32	1.92	2.54	2.24	1.77	2.65
29	2.11	4.10	2.58	4.58	---	4.88	3.45	1.95	2.10	2.23	1.73	2.73
30	2.11	4.32	2.58	4.11	---	5.14	3.70	2.69	2.54	2.19	1.74	2.81
31	2.08	---	3.26	4.04	---	5.12	---	2.65	---	2.19	1.80	---
MEAN	2.35	2.44	3.30	---	4.64	5.40	4.84	3.37	2.17	2.47	1.88	2.15
MAX	3.45	4.32	3.90	---	8.08	7.83	6.57	5.48	3.55	3.32	2.88	2.86
MIN	2.08	2.10	2.58	---	3.48	3.39	3.26	1.92	1.69	1.94	1.49	1.52

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02352500 FLINT RIVER AT ALBANY, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313539 LONGITUDE 0840839 NAD27 DRAINAGE AREA 5310.00* CONTRIBUTING DRAINAGE AREA DATUM 150.03 NGVD29
Date Processed: 2003-03-10 12:37 By acday
APPROVED
DD #8, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	0.00	0.00	0.00	0.01	0.00	0.00	1.86	0.00
2	---	---	---	---	0.00	4.85	0.00	0.00	0.00	0.00	0.00	0.00
3	---	---	---	---	0.00	0.46	0.01	0.00	0.82	0.00	0.00	0.00
4	---	---	---	---	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
5	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	3.05	0.00	0.00	0.00	0.07	1.36	0.00	0.00
7	---	---	---	---	0.65	0.00	0.00	0.00	0.29	0.54	0.00	0.00
8	---	---	---	---	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
9	---	---	---	---	0.00	0.09	0.23	0.00	0.00	0.03	0.00	0.00
10	---	---	---	---	0.00	0.00	0.62	0.00	0.00	0.01	0.00	0.00
11	---	---	---	---	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	0.00	1.32	0.02	0.00	0.00	1.06	0.00	0.00
13	---	---	---	---	0.00	0.00	0.11	1.37	0.00	0.03	0.00	0.00
14	---	---	---	---	0.00	0.00	0.00	0.01	0.29	0.00	0.99	3.90
15	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.84	4.05
16	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
17	---	---	---	---	0.00	0.00	0.01	0.08	0.00	0.00	0.00	0.00
18	---	---	---	---	0.00	0.00	0.22	0.04	0.00	0.00	0.00	0.00
19	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
20	---	---	---	0.00	0.62	0.00	0.00	0.00	0.00	3.63	0.00	0.00
21	---	---	---	0.00	0.00	1.64	0.00	0.00	0.08	0.25	0.00	0.00
22	---	---	---	0.00	0.00	0.00	0.00	0.00	0.04	0.94	0.00	0.00
23	---	---	---	0.00	0.00	0.00	0.00	0.00	0.08	0.18	0.00	0.00
24	---	---	---	0.00	0.00	0.00	0.00	0.00	0.11	0.46	0.00	1.62
25	---	---	---	0.00	0.00	0.00	0.00	0.00	0.17	0.05	0.00	0.24
26	---	---	---	0.00	0.00	1.16	0.00	0.00	2.06	0.00	0.00	0.39
27	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.18	0.01
28	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
29	---	---	---	0.00	---	0.00	0.39	0.00	0.00	0.02	0.10	0.00
30	---	---	---	0.00	---	0.00	0.77	0.09	0.00	0.00	0.70	0.00
31	---	---	---	0.00	---	2.58	---	0.24	---	0.00	0.01	---
TOTAL	---	---	---	---	4.32	12.10	2.39	1.84	4.03	8.83	5.78	10.21

02352955 COOLEEWAHEE CREEK AT GILLIONVILLE ROAD, NEAR ALBANY, GA

LOCATION.—Lat 31°35'08", long 84°13'20", Dougherty County, Hydrologic Unit Code 03130008, 3.7 miles upstream of the confluence with Percosin creek, and 3.8 miles west of Albany on GA 234.

DRAINAGE AREA.—60.1 mi^2.

COOPERATION.—Albany-Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
11/01/2001	10.33	4.40

02352970 COOLEEWAHEE CREEK NEAR ALBANY, GA

LOCATION.—Lat 31°30'13", long 84°17'28", Baker County, Hydrologic Unit Code 03130008, 1.2 miles upstream from the confluence with the Flint River, and 0.2 miles northeast of Newton.

DRAINAGE AREA.—152.0 mi^2.

COOPERATION.— Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/25/2001	28.41	3.44

02352980 COOLEEWAHEE CREEK NEAR NEWTON, GA

LOCATION.—Lat 31°19'48", long 84°19'50", Baker County, Hydrologic Unit Code 03130008, 1.2 miles upstream from the confluence with the Flint River, and 0.2 miles northeast of Newton on GA 91.

DRAINAGE AREA.—152.0 mi^2.

COOPERATION.— Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/25/2001	28.41	3.44

02352980 COOLEEWAHEE CREEK NEAR NEWTON, GA

LOCATION.—Lat 31°19'48", long 84°19'50", referenced to North American Datum (NAD) of 1927, Baker County, Hydrologic Unit 3130008, at bridge on GA 91, 1.0 miles NE of Newton, GA.

DRAINAGE AREA.—152 mi^2.

REMARKS.—None.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAMPLING METHOD, CODES (82398)	WATER, PRESENT BIO TIS DRY WGT REC PERCENT (49273)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)
MAY													
14...	1620	1028	80020	--	80	--	6.9	--	7.6	263	19.5	--	--
JUN													
03...	0830	1028	85550	70	--	760	5.8	67	7.5	276	22.6	1.4	1.0
03...	0835	1028	1028	8010	--	--	--	--	--	--	--	--	--

Date	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MERCURY METHYL, WATER, FLTRD REC, (NG/L) (50285)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDIMENT, SUSPENDED (MG/L) (80154)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY							
14...	1.5	--	--	--	--	15.00	--
JUN							
03...	--	<.04	89	2.0	--	15.00	3070
03...	--	--	--	--	95	15.00	8010

Remark codes used in this report:
< -- Less than

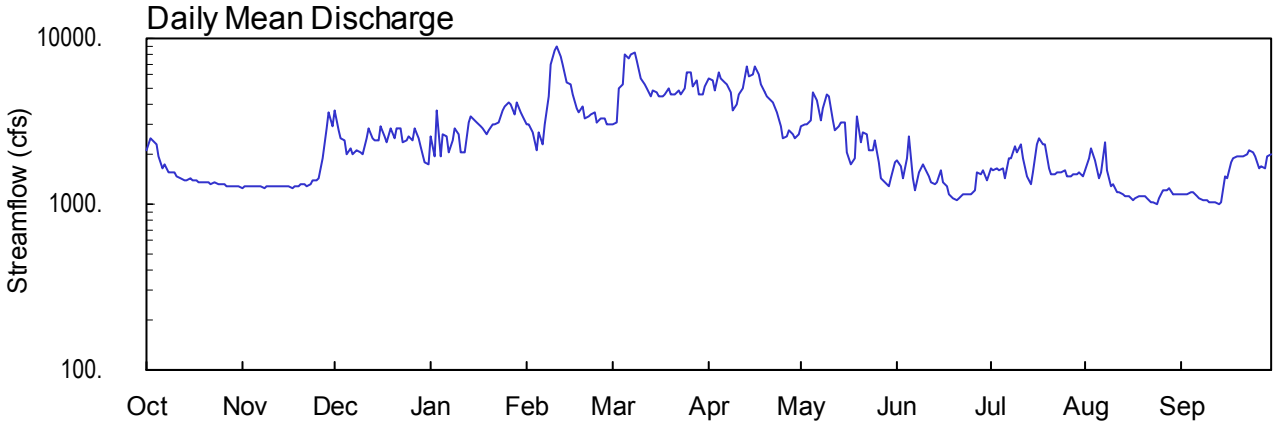
APALACHICOLA RIVER BASIN

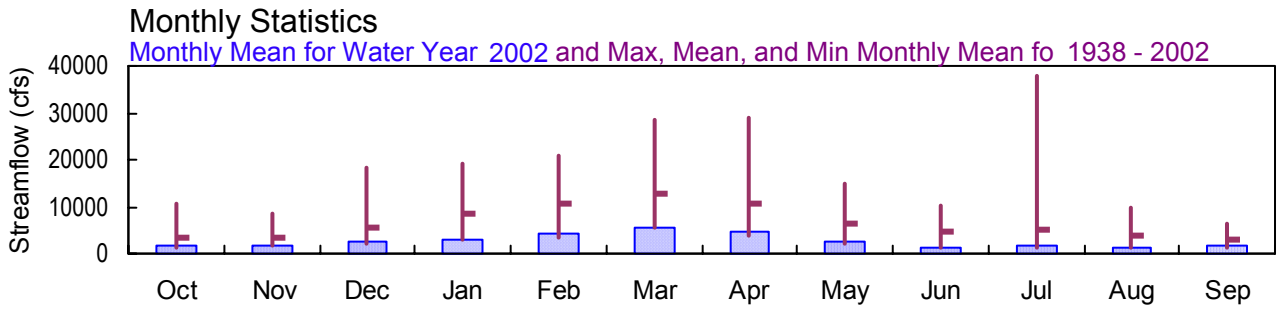
2002 Water Year

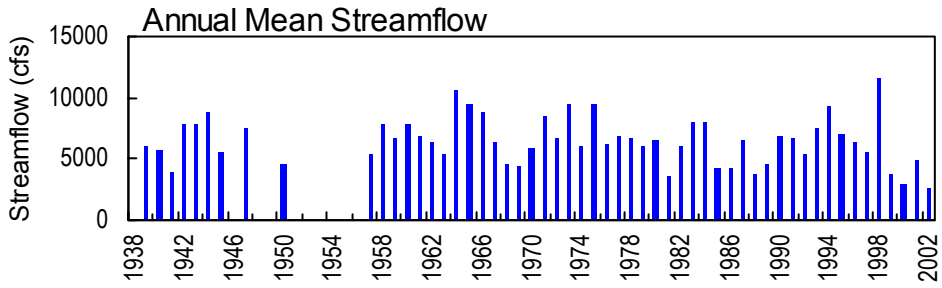
02353000 FLINT RIVER AT NEWTON, GA

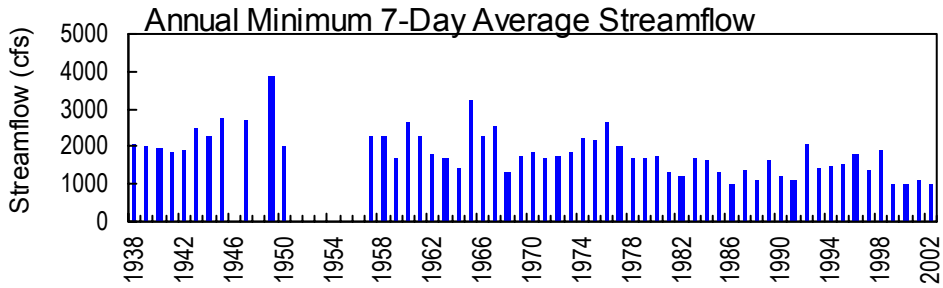
Latitude: 31°18'24" Longitude: 84°20'19" Hydrologic Unit Code: 03130008 Baker County

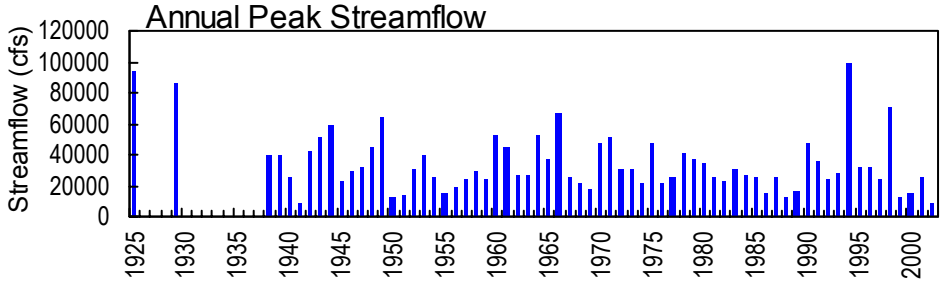
Drainage Area: 5,740. mi^2 Datum: 110.20 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02353000 FLINT RIVER AT NEWTON, GA

LOCATION.—Lat 31°18'34", long 84°20'06" referenced to North American Datum (NAD) of 1927, Baker-Mitchell County line, Hydrologic Unit 03130008, on downstream side of pier of bridge on GA Highway 37 at Newton, 1.0 mile downstream from Coolewahee Creek, and at mile 69.5.

DRAINAGE AREA.—5,740 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1938 to September 1950 (monthly discharge only for October 1945 to September 1946, October 1947 to December 1948, published in WSP 1304), October 1956 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 110.20 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to November 12, 1956, a non-recording gage was located at same site and datum.

REMARKS.—Records good. Flow regulated by power plants at Flint River Reservoir since 1921, with a capacity of 7,500 acre-ft; and at Warwick Reservoir since 1930, with a capacity of about 35,000 acre-ft. Normal operation of power plants does not materially affect figures of monthly runoff. Periods of monthly discharge only are not included in statistics computations.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharge greater than base discharge of 20,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Feb. 11	1245	9,160*	10.11*

02353000 FLINT RIVER AT NEWTON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1938 to September 1950 (monthly discharge only for October 1945 to September 1946, October 1947 to December 1948, published in WSP 1304), October 1956 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 110.20 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to November 12, 1956, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded 10.11 feet, February 11; minimum gage-height recorded, 2.74 feet, September 13, 14.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02353000 FLINT RIVER AT NEWTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 311824 LONGITUDE 0842019 NAD27 DRAINAGE AREA 5740.00* CONTRIBUTING DRAINAGE AREA DATUM 110.20 NGVD29
Date Processed: 2003-03-10 12:39 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2090	1260	3710	2600	3050	3070	5750	2980	1830	1630	1590	1160
2	2520	1270	2820	1940	3050	3100	5600	3060	1680	1620	1890	1140
3	2410	1300	2490	3640	2690	5020	4850	3050	1440	1640	2160	1150
4	2310	1300	2440	1930	2110	5240	6230	3230	1880	1620	1840	1180
5	1920	1300	1990	2670	2750	7930	5820	4760	2560	1650	1420	1170
6	1660	1290	2170	2570	2310	7640	5480	4220	1420	1440	1550	1120
7	1730	1270	1980	2050	3040	8080	5250	3200	1230	1890	2350	1090
8	1570	1260	2130	2420	4480	8180	4770	3790	1550	1900	1600	1060
9	1570	1270	2030	2880	6880	7440	3640	4590	1760	2250	1280	1050
10	1550	1270	1980	2630	8580	5690	3990	4480	1630	2050	1330	1040
11	1490	1270	2500	2040	9000	5310	4580	3230	1460	2310	1190	1030
12	1440	1270	2870	2050	7850	4930	5040	2760	1370	1880	1170	1020
13	1400	1270	2530	3110	7060	4480	6830	2970	1320	1490	1150	998
14	1410	1300	2460	3390	5470	4920	5900	3160	1340	1310	1130	1020
15	1430	1300	2450	3210	5300	4720	6090	3090	1600	1550	1110	1470
16	1410	1290	2980	3130	4630	4530	6780	2050	1370	2290	1060	1430
17	1400	1260	2600	2910	3750	4530	6000	1730	1280	2530	1100	1770
18	1370	1270	2390	2890	3620	4570	5270	1910	1140	2270	1110	1900
19	1340	1280	2870	2640	3880	4970	4750	3360	1090	2320	1120	1930
20	1350	1310	2530	2810	3280	4580	4460	2360	1070	1650	1130	1960
21	1340	1320	2870	3010	3350	4540	4180	2700	1080	1500	1080	1970
22	1310	1300	2900	3020	3530	4900	4060	2630	1150	1530	1040	1980
23	1350	1320	2390	3130	3550	4630	3540	2130	1160	1560	1030	2140
24	1320	1380	2430	3690	3100	5060	2960	2140	1160	1570	1010	2050
25	1310	1410	2550	3880	3330	6190	2480	2460	1160	1600	1090	1970
26	1330	1430	2440	4060	3260	6320	2550	1770	1200	1480	1210	1660
27	1300	1910	2860	3990	3070	5200	2790	1430	1550	1480	1210	1700
28	1270	2850	2510	3480	3000	5590	2660	1360	1510	1500	1240	1640
29	1280	3630	2250	4140	---	4590	2490	1290	1610	1510	1160	1930
30	1270	2970	1780	3550	---	4660	2630	1450	1410	1540	1140	1980
31	1270	---	1720	3430	---	5070	---	1810	---	1490	1150	---
TOTAL	47720	45130	76620	92890	118970	165680	137420	85150	43010	54050	40640	44708
MEAN	1539	1504	2472	2996	4249	5345	4581	2747	1434	1744	1311	1490
MAX	2520	3630	3710	4140	9000	8180	6830	4760	2560	2530	2350	2140
MIN	1270	1260	1720	1930	2110	3070	2480	1290	1070	1310	1010	998
CFSM	0.27	0.26	0.43	0.52	0.74	0.93	0.80	0.48	0.25	0.30	0.23	0.26
IN.	0.31	0.29	0.50	0.60	0.77	1.07	0.89	0.55	0.28	0.35	0.26	0.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2002, BY WATER YEAR (WY)

MEAN	3268	3589	5672	8698	10840	12940	10510	6184	4648	4982	3958	3048
MAX	10440	8461	18280	18990	20820	28620	28750	14770	10300	37690	9841	6557
(WY)	1965	1998	1998	1964	1998	1998	1944	1964	1973	1994	1994	1994
MIN	1419	1504	2243	2768	3457	5322	3869	1934	1211	1144	1173	1268
(WY)	2001	2002	1991	1981	1989	1981	1999	2000	2000	1986	1986	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1938 - 2002	
ANNUAL TOTAL	1732400		951988			
ANNUAL MEAN	4746		2608		6467	
HIGHEST ANNUAL MEAN					11540	1998
LOWEST ANNUAL MEAN					2608	2002
HIGHEST DAILY MEAN	26000	Mar 23	9000	Feb 11	100000	Jul 13 1994
LOWEST DAILY MEAN	1260	Nov 1	998	Sep 13	840	Oct 20 1940
ANNUAL SEVEN-DAY MINIMUM	1270	Nov 7	1030	Sep 8	993	Aug 9 1986
MAXIMUM PEAK FLOW			9160	Feb 11	100000	Jul 13 1994
MAXIMUM PEAK STAGE			10.11	Feb 11	45.25	Jul 13 1994
INSTANTANEOUS LOW FLOW			964	Sep 13	790	Oct 20 1940
ANNUAL RUNOFF (CFSM)	0.83		0.45		1.13	
ANNUAL RUNOFF (INCHES)	11.23		6.17		15.31	
10 PERCENT EXCEEDS	11900		4950		13000	
50 PERCENT EXCEEDS	2970		2050		4550	
90 PERCENT EXCEEDS	1360		1170		2020	

STATION NUMBER 02353000 FLINT RIVER AT NEWTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 311824 LONGITUDE 0842019 NAD27 DRAINAGE AREA 5740.00* CONTRIBUTING DRAINAGE AREA DATUM 110.20 NGVD29
Date Processed: 2003-03-10 12:39 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.50	3.44	6.16	5.08	5.93	5.49	7.77	5.42	4.12	3.81	3.67	3.01
2	4.99	3.46	5.31	4.33	5.93	5.54	7.66	5.50	3.93	3.79	4.04	2.97
3	4.87	3.51	4.97	6.05	5.63	7.22	7.09	5.49	3.62	3.81	4.36	2.98
4	4.76	3.51	4.91	4.31	5.09	7.40	8.11	5.66	4.17	3.79	3.98	3.02
5	4.30	3.50	4.39	5.16	5.68	9.25	7.83	7.02	4.98	3.83	3.43	3.01
6	3.99	3.49	4.60	5.05	5.28	9.05	7.58	6.55	3.58	3.54	3.60	2.95
7	4.07	3.47	4.38	4.47	5.93	9.35	7.40	5.63	3.33	4.11	4.57	2.89
8	3.87	3.45	4.56	4.89	6.97	9.42	7.03	6.19	3.75	4.12	3.66	2.84
9	3.87	3.47	4.44	5.37	8.54	8.90	6.06	6.89	4.02	4.53	3.23	2.83
10	3.85	3.47	4.38	5.12	9.71	7.72	6.37	6.79	3.85	4.29	3.29	2.82
11	3.76	3.45	4.97	4.45	10.00	7.45	6.88	5.66	3.64	4.60	3.09	2.80
12	3.70	3.47	5.36	4.46	9.21	7.16	7.24	5.19	3.51	4.08	3.07	2.78
13	3.65	3.46	5.00	5.57	8.66	6.79	8.50	5.41	3.44	3.59	3.02	2.75
14	3.66	3.50	4.94	5.84	7.58	7.15	7.87	5.60	3.45	3.33	3.00	2.78
15	3.68	3.50	4.92	5.70	7.45	6.99	8.01	5.52	3.81	3.66	2.96	3.43
16	3.65	3.50	5.48	5.63	6.91	6.84	8.47	4.38	3.51	4.56	2.89	3.39
17	3.65	3.45	5.08	5.40	6.14	6.83	7.95	4.00	3.37	4.84	2.94	3.83
18	3.60	3.47	4.86	5.39	6.03	6.87	7.42	4.21	3.16	4.54	2.96	3.98
19	3.57	3.48	5.36	5.12	6.26	7.19	7.01	5.73	3.07	4.59	2.97	4.02
20	3.58	3.52	5.01	5.28	5.70	6.87	6.78	4.72	3.04	3.76	2.99	4.05
21	3.56	3.53	5.37	5.51	5.78	6.85	6.54	5.08	3.06	3.59	2.90	4.06
22	3.51	3.50	5.39	5.51	5.94	7.13	6.44	5.04	3.17	3.61	2.84	4.07
23	3.58	3.54	4.85	5.62	5.96	6.91	5.97	4.48	3.17	3.66	2.82	4.26
24	3.53	3.61	4.89	6.14	5.52	7.25	5.39	4.47	3.18	3.68	2.79	4.16
25	3.52	3.66	5.02	6.31	5.75	8.09	4.89	4.86	3.17	3.71	2.90	4.06
26	3.54	3.69	4.91	6.46	5.68	8.16	4.97	4.03	3.24	3.54	3.08	3.68
27	3.51	4.27	5.35	6.41	5.50	7.37	5.22	3.61	3.71	3.54	3.08	3.74
28	3.46	5.35	4.99	5.95	5.43	7.65	5.08	3.51	3.65	3.57	3.13	3.67
29	3.48	6.08	4.70	6.61	---	6.88	4.90	3.41	3.78	3.58	2.99	4.01
30	3.46	5.47	4.14	6.33	---	6.94	5.05	3.62	3.51	3.61	2.97	4.07
31	3.46	---	4.06	6.23	---	7.27	---	4.09	---	3.54	2.98	---
MEAN	3.81	3.74	4.93	5.48	6.58	7.42	6.78	5.09	3.57	3.90	3.23	3.43
MAX	4.99	6.08	6.16	6.61	10.00	9.42	8.50	7.02	4.98	4.84	4.57	4.26
MIN	3.46	3.44	4.06	4.31	5.09	5.49	4.89	3.41	3.04	3.33	2.79	2.75

02353097 ICHAWAYNOCHAWAY CREEK AT CHERRY COLA ROAD, NEAR DAWSON, GA

LOCATION.--Lat 31°49'31", long 84°34'03", Terrell County, Hydrologic Unit 03130009, 0.2 miles upstream from the confluence with Turkey Creek, and 2.3 miles east of GA 41.

DRAINAGE AREA.—52.0 sq. mi^2.

COOPERATION.—Albany-Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/26/2001	17.66	5.46

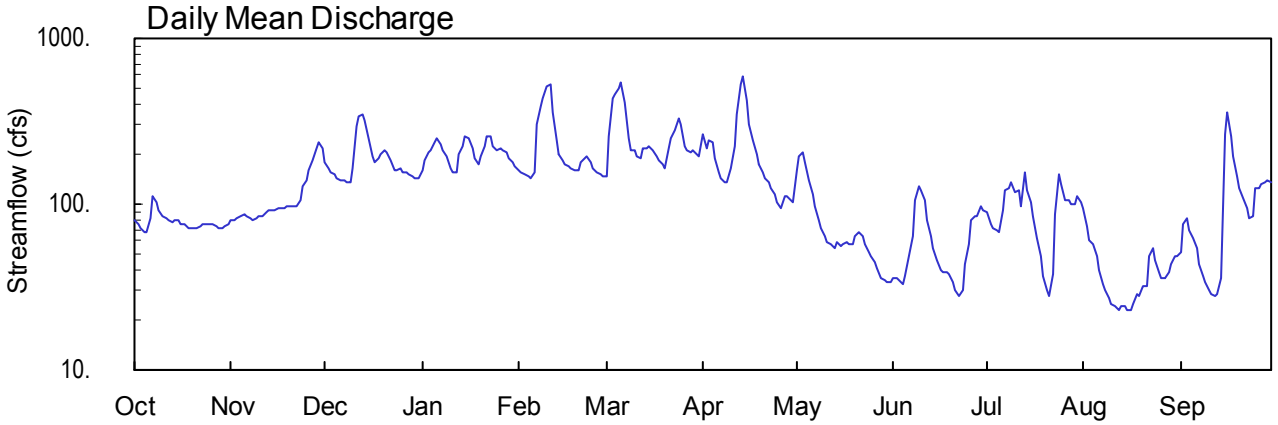
APALACHICOLA RIVER BASIN

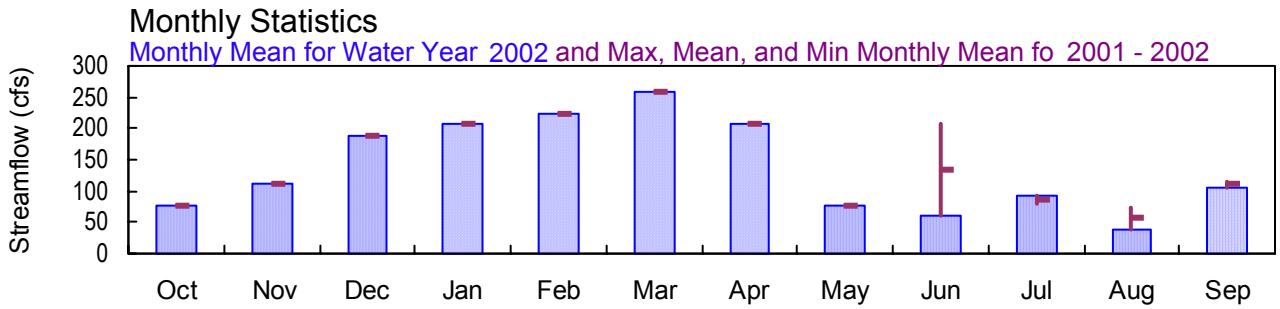
2002 Water Year

02353265 ICHAWAYNOCHAWAY CREEK AT GA 37, NEAR MORGAN, GA

Latitude: 31°31'37" Longitude: 84°34'58" Hydrologic Unit Code: 03130009 Calhoun County

Drainage Area: 301. mi^2 Datum: 175.00 feet





APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02353265 ICHAWAYNOCHAWAY CREEK AT GA 37, NEAR MORGAN, GA

LOCATION.—Lat 31°31'37", long 84°34'58" referenced to North American Datum (NAD) of 1927, Calhoun County, Hydrologic Unit 03130009, on GA 37, 1.1 miles east of Morgan.

DRAINAGE AREA.—301 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 31, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 175.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 31, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 175.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded 10.29 feet, April 14; minimum gage-height recorded, 5.38 feet, August 15, 16.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 31, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02353265 ICHAWAYNOCHAWAY CREEK AT GA 37, NEAR MORGAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313137 LONGITUDE 0843458 NAD83 DRAINAGE AREA 301.00* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 12:41 By acday
APPROVED
DD #4, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	79	179	e162	160	147	261	159	36	89	94	51
2	75	81	163	e182	156	259	216	197	36	76	74	76
3	71	83	158	e205	152	439	241	204	35	72	60	82
4	e68	85	151	e211	147	456	236	180	33	70	57	70
5	67	86	145	e234	143	497	188	139	37	68	49	62
6	82	85	140	e248	158	545	158	116	48	92	40	54
7	111	82	138	e232	307	409	144	96	65	122	33	43
8	102	81	136	e214	387	251	136	80	107	124	30	37
9	91	83	136	e192	434	210	134	72	128	137	27	34
10	84	84	163	e163	507	209	167	65	122	117	25	30
11	83	84	298	158	527	194	226	59	105	122	24	29
12	79	89	343	157	361	187	353	58	80	96	23	28
13	77	91	344	199	240	215	534	55	64	154	24	29
14	81	91	325	223	202	219	592	59	54	123	24	36
15	79	91	249	258	185	226	420	56	46	103	23	261
16	76	94	196	253	175	211	306	58	40	84	23	358
17	75	94	177	219	169	194	244	59	39	63	25	254
18	72	94	191	189	163	184	199	58	39	48	29	194
19	71	96	200	173	159	174	174	58	38	37	28	146
20	71	97	210	197	160	165	155	64	34	30	32	126
21	72	96	203	224	181	216	143	68	30	28	32	109
22	73	96	e182	259	191	251	135	64	28	38	48	94
23	76	105	162	260	194	279	125	58	30	87	55	83
24	76	127	e160	223	181	328	114	51	44	150	46	84
25	76	141	e163	209	166	306	102	48	57	133	39	125
26	75	160	158	217	158	226	95	45	80	107	36	124
27	73	183	e154	210	153	213	112	41	84	107	36	131
28	72	216	e150	207	149	203	113	36	85	101	39	134
29	72	237	146	191	---	214	106	35	96	101	44	139
30	73	219	144	178	---	201	102	34	92	111	49	134
31	76	---	e143	168	---	194	---	34	---	102	49	---
TOTAL	2410	3330	5807	6415	6265	8022	6231	2406	1812	2892	1217	3157
MEAN	77.7	111	187	207	224	259	208	77.6	60.4	93.3	39.3	105
MAX	111	237	344	260	527	545	592	204	128	154	94	358
MIN	67	79	136	157	143	147	95	34	28	28	23	28
MED	76	92	163	209	172	215	163	59	47	101	36	84
AC-FT	4780	6610	11520	12720	12430	15910	12360	4770	3590	5740	2410	6260

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	77.7	111	187	207	224	259	208	77.6	133	87.1	56.5	111
MAX	77.7	111	187	207	224	259	208	77.6	206	93.3	73.8	116
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2001	2002	2001	2001
MIN	77.7	111	187	207	224	259	208	77.6	60.4	81.0	39.3	105
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001	2002	2002

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	49964			
ANNUAL MEAN	137		137	
HIGHEST ANNUAL MEAN			137	2002
LOWEST ANNUAL MEAN			137	2002
HIGHEST DAILY MEAN	592	Apr 14	592	Apr 14 2002
LOWEST DAILY MEAN	23	Aug 12	23	Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	24	Aug 10	24	Aug 10 2002
MAXIMUM PEAK FLOW	624	Apr 14	624	Apr 14 2002
MAXIMUM PEAK STAGE	10.29	Apr 14	10.29	Apr 14 2002
INSTANTANEOUS LOW FLOW	22	Aug 15		
ANNUAL RUNOFF (AC-FT)	99100		99170	
10 PERCENT EXCEEDS	246		246	
50 PERCENT EXCEEDS	112		112	
90 PERCENT EXCEEDS	36		36	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02353265 ICHAWAYNOCHAWAY CREEK AT GA 37, NEAR MORGAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313137 LONGITUDE 0843458 NAD83 DRAINAGE AREA 301.00* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 12:41 By acday
APPROVED
DD #4, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	104	161	90	68
2	---	---	---	---	---	---	---	---	146	156	72	73
3	---	---	---	---	---	---	---	---	142	159	59	87
4	---	---	---	---	---	---	---	---	131	143	48	150
5	---	---	---	---	---	---	---	---	118	120	42	281
6	---	---	---	---	---	---	---	---	103	103	56	265
7	---	---	---	---	---	---	---	---	87	87	77	272
8	---	---	---	---	---	---	---	---	81	72	102	220
9	---	---	---	---	---	---	---	---	136	67	106	161
10	---	---	---	---	---	---	---	---	184	60	96	135
11	---	---	---	---	---	---	---	---	263	53	87	121
12	---	---	---	---	---	---	---	---	377	46	78	110
13	---	---	---	---	---	---	---	---	376	46	95	105
14	---	---	---	---	---	---	---	---	381	46	111	97
15	---	---	---	---	---	---	---	---	442	44	136	97
16	---	---	---	---	---	---	---	---	466	39	110	86
17	---	---	---	---	---	---	---	---	366	34	88	78
18	---	---	---	---	---	---	---	---	229	29	80	71
19	---	---	---	---	---	---	---	---	162	26	97	68
20	---	---	---	---	---	---	---	---	133	24	101	64
21	---	---	---	---	---	---	---	---	115	24	80	62
22	---	---	---	---	---	---	---	---	112	26	66	60
23	---	---	---	---	---	---	---	---	188	28	52	61
24	---	---	---	---	---	---	---	---	253	35	41	64
25	---	---	---	---	---	---	---	---	234	100	36	78
26	---	---	---	---	---	---	---	---	164	148	35	98
27	---	---	---	---	---	---	---	---	129	e179	35	129
28	---	---	---	---	---	---	---	---	166	144	38	122
29	---	---	---	---	---	---	---	---	213	114	55	106
30	---	---	---	---	---	---	---	---	172	96	54	91
31	---	---	---	---	---	---	---	92	---	101	65	---
TOTAL	---	---	---	---	---	---	---	---	6173	2510	2288	3480
MEAN	---	---	---	---	---	---	---	---	206	81.0	73.8	116
MAX	---	---	---	---	---	---	---	---	466	179	136	281
MIN	---	---	---	---	---	---	---	---	81	24	35	60
MED	---	---	---	---	---	---	---	---	165	67	77	97
AC-FT	---	---	---	---	---	---	---	---	12240	4980	4540	6900

e Estimated

STATION NUMBER 02353265 ICHAWAYNOCHAWAY CREEK AT GA 37, NEAR MORGAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313137 LONGITUDE 0843458 NAD83 DRAINAGE AREA 301.00* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 12:41 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.47	6.45	7.51	---	7.32	7.16	8.22	7.30	5.71	6.54	6.59	6.02
2	6.41	6.47	7.36	---	7.27	8.15	7.86	7.68	5.72	6.42	6.40	6.40
3	6.37	6.49	7.30	---	7.22	9.47	8.07	7.74	5.70	6.38	6.19	6.48
4	---	6.51	7.21	---	7.17	9.57	8.02	7.53	5.65	6.35	6.12	6.34
5	6.30	6.52	7.14	---	7.11	9.78	7.60	7.07	5.74	6.32	5.99	6.21
6	6.47	6.51	7.08	---	7.27	10.0	7.30	6.80	5.97	6.57	5.81	6.07
7	6.75	6.48	7.05	---	8.58	9.26	7.13	6.60	6.27	6.87	5.66	5.87
8	6.66	6.47	7.03	---	9.15	8.14	7.03	6.46	6.71	6.89	5.58	5.75
9	6.56	6.49	7.02	---	9.45	7.80	7.00	6.37	6.93	7.04	5.52	5.69
10	6.50	6.50	7.31	---	9.83	7.79	7.39	6.27	6.86	6.81	5.45	5.59
11	6.49	6.50	8.51	7.31	9.92	7.66	7.93	6.17	6.69	6.87	5.44	5.57
12	6.45	6.54	8.84	7.29	8.95	7.59	8.91	6.15	6.45	6.61	5.40	5.54
13	6.43	6.56	8.85	7.70	8.05	7.84	9.94	6.10	6.24	7.24	5.43	5.56
14	6.47	6.56	8.71	7.92	7.73	7.88	10.18	6.16	6.08	6.88	5.42	5.72
15	6.45	6.56	8.12	8.20	7.57	7.94	9.34	6.11	5.93	6.67	5.41	8.11
16	6.42	6.58	7.67	8.16	7.48	7.81	8.58	6.15	5.81	6.50	5.41	8.95
17	6.41	6.58	7.50	7.88	7.42	7.65	8.09	6.17	5.78	6.23	5.47	8.17
18	6.38	6.58	7.62	7.61	7.36	7.56	7.70	6.14	5.79	5.97	5.55	7.65
19	6.36	6.60	7.71	7.46	7.31	7.47	7.47	6.14	5.76	5.74	5.54	7.15
20	6.36	6.61	7.80	7.68	7.33	7.38	7.26	6.25	5.69	5.60	5.63	6.91
21	6.37	6.60	7.73	7.92	7.53	7.85	7.12	6.31	5.59	5.52	5.62	6.73
22	6.38	6.60	---	8.22	7.63	8.15	7.01	6.25	5.54	5.76	5.95	6.58
23	6.42	6.69	7.35	8.22	7.66	8.37	6.90	6.15	5.57	6.50	6.10	6.49
24	6.42	6.92	---	7.91	7.53	8.74	6.78	6.03	5.89	7.20	5.92	6.49
25	6.42	7.09	---	7.79	7.39	8.58	6.66	5.97	6.13	7.00	5.79	6.90
26	6.41	7.32	7.30	7.86	7.30	7.94	6.59	5.90	6.45	6.71	5.72	6.89
27	6.39	7.55	---	7.80	7.24	7.82	6.76	5.83	6.50	6.71	5.73	6.97
28	6.38	7.85	---	7.77	7.19	7.74	6.77	5.73	6.51	6.65	5.78	7.00
29	6.37	8.03	7.15	7.63	---	7.83	6.70	5.69	6.60	6.65	5.89	7.06
30	6.39	7.88	7.13	7.50	---	7.72	6.66	5.67	6.56	6.75	5.98	7.00
31	6.42	---	---	7.41	---	7.65	---	5.69	---	6.66	5.99	---
MEAN	---	6.77	---	---	7.82	8.14	7.63	6.34	6.09	6.54	5.76	6.60
MAX	---	8.03	---	---	9.92	10.00	10.18	7.74	6.93	7.24	6.59	8.95
MIN	---	6.45	---	---	7.11	7.16	6.59	5.67	5.54	5.52	5.40	5.54

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02353265 ICHAWAYNOCHAWAY CREEK AT GA 37, NEAR MORGAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313137 LONGITUDE 0843458 NAD83 DRAINAGE AREA 301.00* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 12:41 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	6.68	7.33	6.47	6.23
2	---	---	---	---	---	---	---	---	7.16	7.27	6.29	6.31
3	---	---	---	---	---	---	---	---	7.10	7.31	6.09	6.45
4	---	---	---	---	---	---	---	---	6.97	7.11	5.88	7.15
5	---	---	---	---	---	---	---	---	6.82	6.85	5.76	8.39
6	---	---	---	---	---	---	---	---	6.67	6.67	6.02	8.26
7	---	---	---	---	---	---	---	---	6.52	6.53	6.35	8.31
8	---	---	---	---	---	---	---	---	6.47	6.38	6.58	7.88
9	---	---	---	---	---	---	---	---	7.03	6.29	6.62	7.31
10	---	---	---	---	---	---	---	---	7.56	6.18	6.52	6.98
11	---	---	---	---	---	---	---	---	8.24	6.05	6.44	6.80
12	---	---	---	---	---	---	---	---	9.08	5.93	6.36	6.68
13	---	---	---	---	---	---	---	---	9.08	5.93	6.52	6.64
14	---	---	---	---	---	---	---	---	9.11	5.92	6.67	6.57
15	---	---	---	---	---	---	---	---	9.50	5.88	6.98	6.57
16	---	---	---	---	---	---	---	---	9.63	5.79	6.66	6.48
17	---	---	---	---	---	---	---	---	8.99	5.68	6.45	6.41
18	---	---	---	---	---	---	---	---	7.96	5.57	6.38	6.34
19	---	---	---	---	---	---	---	---	7.34	5.48	6.54	6.29
20	---	---	---	---	---	---	---	---	7.00	5.42	6.57	6.23
21	---	---	---	---	---	---	---	---	6.80	5.42	6.38	6.20
22	---	---	---	---	---	---	---	---	6.77	5.48	6.20	6.19
23	---	---	---	---	---	---	---	---	7.56	5.52	5.96	6.19
24	---	---	---	---	---	---	---	---	8.16	5.63	5.74	6.25
25	---	---	---	---	---	---	---	---	8.00	6.60	5.63	6.43
26	---	---	---	---	---	---	---	---	7.35	7.15	5.61	6.63
27	---	---	---	---	---	---	---	---	6.95	---	5.61	6.95
28	---	---	---	---	---	---	---	---	7.36	7.09	5.69	6.87
29	---	---	---	---	---	---	---	---	7.83	6.70	6.01	6.70
30	---	---	---	---	---	---	---	---	7.45	6.52	6.00	6.56
31	---	---	---	---	---	---	---	6.57	---	6.57	6.18	---
MEAN	---	---	---	---	---	---	---	---	7.64	---	6.23	6.78
MAX	---	---	---	---	---	---	---	---	9.63	---	6.98	8.39
MIN	---	---	---	---	---	---	---	---	6.47	---	5.61	6.19

STATION NUMBER 02353265 ICHAWAYNOCHAWAY CREEK AT GA 37, NEAR MORGAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313137 LONGITUDE 0843458 NAD83 DRAINAGE AREA 301.00* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 12:41 By acday
APPROVED
DD #2, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	---	0.00	0.02	0.00	0.00	0.00	0.00	0.04	---
2	0.00	0.00	0.00	0.46	0.00	2.36	0.00	0.00	0.00	0.00	0.00	---
3	0.00	0.00	0.00	0.02	0.00	0.12	0.00	0.00	0.00	1.01	0.00	---
4	---	0.00	0.00	---	0.00	0.00	0.00	0.00	0.70	0.01	0.00	---
5	0.09	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
6	2.36	0.00	0.00	0.36	1.80	0.00	0.00	0.00	0.01	0.45	0.01	---
7	0.00	0.00	0.00	---	0.26	0.00	0.00	0.00	0.86	0.68	0.00	---
8	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.01	0.04	0.00	---
9	0.00	0.00	0.00	---	0.00	0.15	0.44	0.00	0.00	0.00	0.00	---
10	0.00	0.00	2.07	---	0.00	0.00	0.29	0.00	0.00	---	0.00	---
11	0.00	0.00	---	0.00	0.00	0.00	0.93	0.00	0.00	0.00	0.00	---
12	0.00	0.00	0.01	0.86	0.00	0.56	1.92	0.00	0.00	2.93	0.00	---
13	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.66	0.00	0.00	0.00	0.08
14	0.36	0.00	0.08	0.39	0.00	0.00	0.12	0.00	0.03	0.01	0.04	2.63
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.35
16	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.27	---
17	0.00	0.00	0.45	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.00	---
18	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.19	0.02	0.00	0.00	0.11
19	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.29	---
20	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.35	0.00	---
21	0.00	0.00	0.00	0.01	0.00	1.08	0.00	0.00	0.15	0.26	0.39	---
22	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.06	---
23	0.00	0.69	0.05	0.00	0.00	0.00	0.00	0.00	0.17	0.40	---	---
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.94
25	0.00	0.38	---	0.34	0.00	0.00	0.00	0.00	0.62	0.04	0.00	0.08
26	0.00	0.01	0.00	0.00	0.00	0.30	0.31	0.00	0.04	0.00	0.03	0.19
27	0.00	---	---	0.01	0.00	0.00	0.00	0.00	0.39	0.20	0.03	0.22
28	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.77	0.00	---	---
29	0.00	0.00	0.00	0.00	---	0.00	0.06	0.00	0.01	0.80	---	---
30	0.00	0.18	0.00	0.00	---	0.00	0.21	0.00	0.07	0.59	0.63	---
31	0.00	---	---	0.00	---	1.63	---	0.01	---	0.00	0.02	---
TOTAL	---	---	---	---	2.48	6.34	4.32	0.94	3.92	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02353265 ICHAWAYNOCHAWAY CREEK AT GA 37, NEAR MORGAN, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313137 LONGITUDE 0843458 NAD83 DRAINAGE AREA 301.00* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 12:41 By acday
APPROVED
DD #2, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	0.66	0.00	0.00	0.26
2	---	---	---	---	---	---	---	---	0.00	0.05	0.00	0.13
3	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.46
4	---	---	---	---	---	---	---	---	0.00	0.01	0.00	1.91
5	---	---	---	---	---	---	---	---	0.00	0.00	0.32	0.00
6	---	---	---	---	---	---	---	---	0.00	0.00	0.13	0.03
7	---	---	---	---	---	---	---	---	0.10	0.00	0.07	0.01
8	---	---	---	---	---	---	---	---	0.54	0.00	0.06	0.04
9	---	---	---	---	---	---	---	---	0.73	0.00	0.00	0.00
10	---	---	---	---	---	---	---	---	0.68	0.00	0.00	0.04
11	---	---	---	---	---	---	---	---	0.92	0.00	0.77	0.03
12	---	---	---	---	---	---	---	---	0.07	0.00	0.07	0.03
13	---	---	---	---	---	---	---	---	0.02	0.00	0.07	0.00
14	---	---	---	---	---	---	---	---	0.10	0.00	0.15	0.00
15	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00
18	---	---	---	---	---	---	---	---	0.00	0.00	0.47	0.00
19	---	---	---	---	---	---	---	---	0.02	0.00	0.00	0.00
20	---	---	---	---	---	---	---	---	0.00	0.07	0.00	0.00
21	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	---	1.06	0.00	0.00	0.00
23	---	---	---	---	---	---	---	---	0.01	0.01	0.00	0.23
24	---	---	---	---	---	---	---	---	0.00	2.02	0.00	0.39
25	---	---	---	---	---	---	---	---	0.00	0.47	0.00	0.00
26	---	---	---	---	---	---	---	---	0.00	0.08	0.00	0.00
27	---	---	---	---	---	---	---	---	0.45	---	0.00	0.00
28	---	---	---	---	---	---	---	---	0.04	0.00	0.23	0.00
29	---	---	---	---	---	---	---	---	0.04	0.17	0.01	0.00
30	---	---	---	---	---	---	---	---	0.04	0.06	0.00	0.00
31	---	---	---	---	---	---	---	1.12	---	0.00	0.01	---
TOTAL	---	---	---	---	---	---	---	---	5.48	---	2.37	3.56

02353350 CARTER CREEK NEAR CARNEIGE, GA

LOCATION.—Lat 31°38'12", long 83°43'14", Worth County, Hydrologic Unit Code 03130009, 12.7 miles upstream from the confluence with the Pachitla Creek, and 0.2 miles east of Cuthbert.

DRAINAGE AREA.—51.4 mi^2.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/31/2001	12.95	15.4

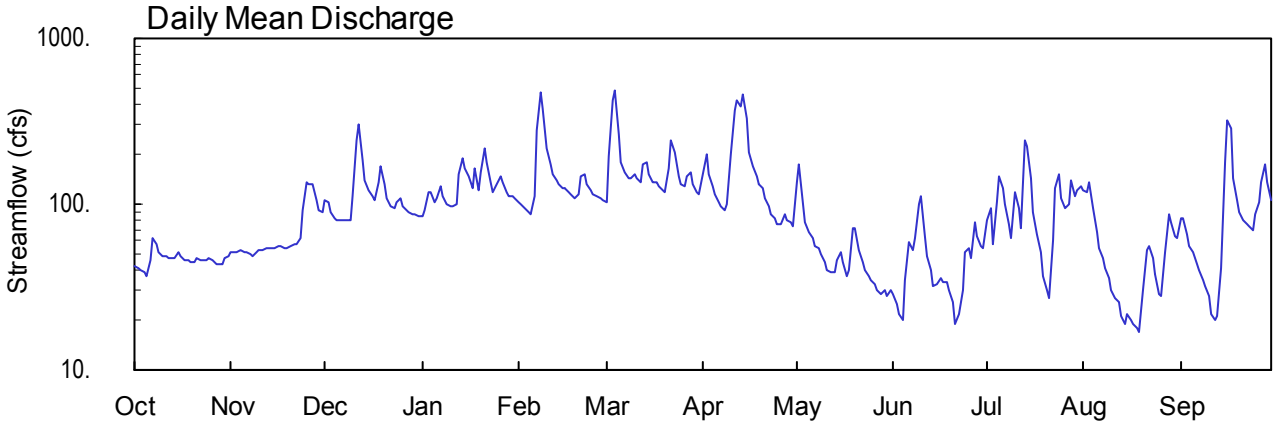
APALACHICOLA RIVER BASIN

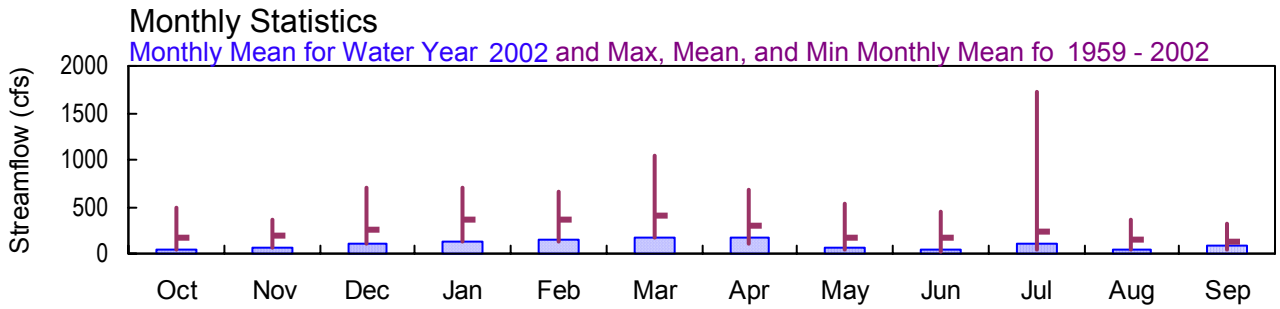
2002 Water Year

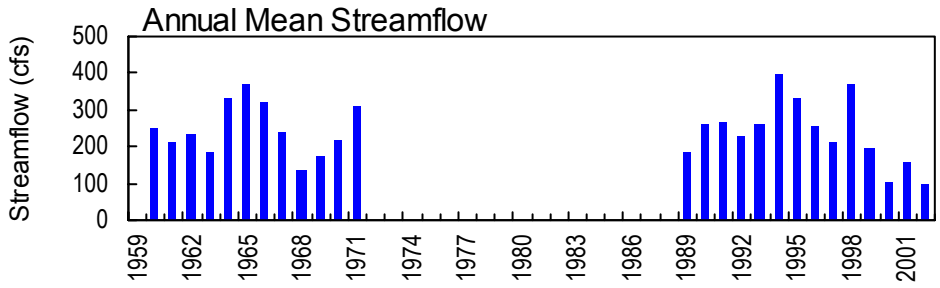
02353400 PACHITLA CREEK NEAR EDISON, GA

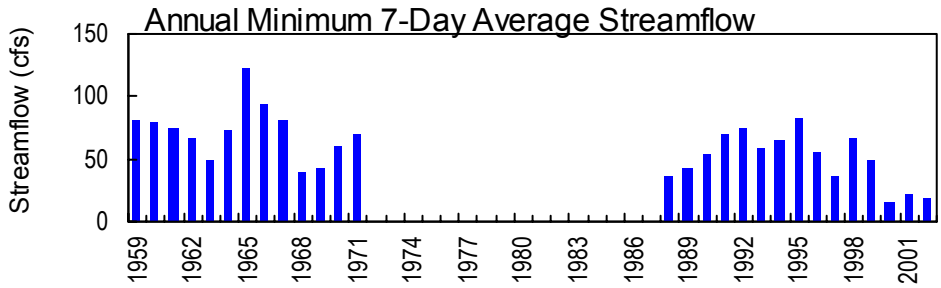
Latitude: 31°33'17" Longitude: 84°40'43" Hydrologic Unit Code: 03130009 Calhoun County

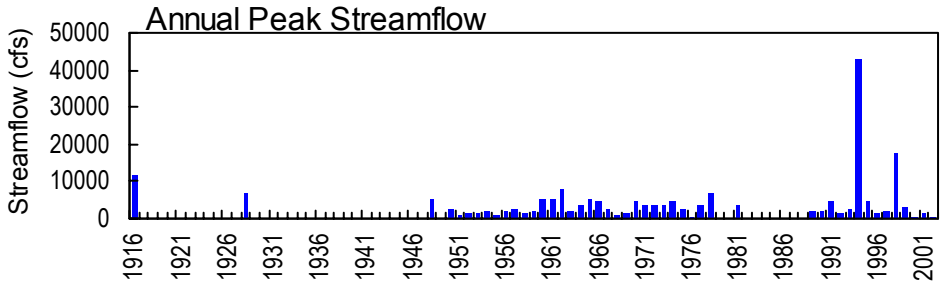
Drainage Area: 188. mi^2 Datum: 212.64 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02353400 PACHITLA CREEK NEAR EDISON, GA

LOCATION.—Lat 31°33'17", long 84°40'43" referenced to North American Datum (NAD) of 1927, Calhoun County, Hydrologic Unit 03130009, on downstream side of bridge pier on GA Highway 37, 2.2 miles upstream from Neals Creek, 3.6 miles east of Edison, and 8.5 miles upstream from mouth.

DRAINAGE AREA.—188 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—Annual maximum, water years 1950-59 and occasional low-flow measurements, 1951-58, 1972-81; June 1959 to September 1971, March 1988 to current year.

REVISED RECORDS.—WDR GA-71-1: 1960 (M).

GAGE.—Water-stage recorder. Datum of gage is 212.64 feet above National Geodetic Vertical Datum of 1929. From March 17, 1949 to March 16, 1955, a crest-stage gage was located at same site and datum. From March 17, 1955 to June 9, 1959, a crest-stage gage was located at site 200 feet downstream at same datum.

REMARKS.—Records fair.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood on July 10, 1916 reached a stage of 11.88 feet (from Georgia Department of Transportation), discharge, 11,800 ft^3/s, from rating curve extended above 3,400 ft^3/s on basis of slope-conveyance studies.

PEAK DISCHARGES FOR CURRENT YEAR—Peak discharges greater than base discharge of 1,100 ft^3/s, and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Mar. 4	0015	543*	5.42*

02353400 PACHITLA CREEK NEAR EDISON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—Annual maximum, water years 1950-59; March 1988 to current year.

GAGE.—Water-stage recorder. Datum of gage is 212.64 feet above National Geodetic Vertical Datum of 1929. From March 17, 1949 to March 16, 1955, a crest-stage gage was located at same site and datum. From March 17, 1955 to June 9, 1959, a crest-stage gage was located at site 200 feet downstream at same datum.

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.42 feet, March 4; minimum gage-height recorded, 0.59 feet, August 19.

STATION NUMBER 02353400 PACHITLA CREEK NEAR EDISON, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313317 LONGITUDE 0844043 NAD27 DRAINAGE AREA 188.00* CONTRIBUTING DRAINAGE AREA DATUM 212.64 NGVD29
Date Processed: 2003-03-10 13:02 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	51	105	84	104	102	153	134	29	80	121	83
2	41	51	102	91	101	195	198	175	25	95	118	82
3	40	52	90	118	94	426	153	104	22	58	136	66
4	39	53	83	117	90	490	127	78	20	104	94	56
5	37	52	80	104	87	261	114	68	35	149	67	51
6	46	51	79	108	112	178	103	62	59	125	54	44
7	62	50	79	128	277	155	97	56	53	101	47	40
8	58	49	79	113	478	144	92	55	62	76	41	35
9	51	51	80	101	382	144	99	50	101	63	36	32
10	48	53	113	96	215	152	199	45	113	118	30	28
11	48	53	240	98	172	144	365	40	64	95	27	22
12	47	54	306	101	151	134	420	39	48	71	26	20
13	47	55	184	151	138	176	394	39	40	240	21	21
14	47	55	141	189	132	180	461	46	32	222	19	41
15	51	55	122	166	126	150	329	52	33	143	22	181
16	49	56	112	147	124	136	206	45	36	89	20	324
17	46	56	105	126	119	134	169	37	34	66	19	285
18	46	55	136	165	114	129	146	40	34	51	18	144
19	45	55	168	120	110	121	133	71	30	37	17	106
20	45	56	131	155	115	117	124	71	26	30	30	89
21	47	57	108	217	149	164	109	53	19	27	53	79
22	46	57	98	177	153	244	98	45	22	60	56	75
23	46	62	94	135	131	208	88	40	30	125	47	73
24	46	93	104	119	120	147	82	37	52	153	38	70
25	47	134	109	132	114	132	75	35	55	108	29	88
26	46	131	98	149	112	129	76	33	47	94	28	104
27	44	132	91	135	110	149	87	30	77	99	51	137
28	43	106	90	117	105	156	81	29	65	138	88	176
29	44	91	88	112	---	132	77	30	56	111	78	134
30	47	90	87	111	---	117	73	28	55	120	65	105
31	49	---	85	108	---	116	---	30	---	129	63	---
TOTAL	1440	2016	3587	3990	4235	5362	4928	1697	1374	3177	1559	2791
MEAN	46.5	67.2	116	129	151	173	164	54.7	45.8	102	50.3	93.0
MAX	62	134	306	217	478	490	461	175	113	240	136	324
MIN	37	49	79	84	87	102	73	28	19	27	17	20
CFSM	0.25	0.36	0.62	0.68	0.80	0.92	0.87	0.29	0.24	0.55	0.27	0.49
IN.	0.28	0.40	0.71	0.79	0.84	1.06	0.98	0.34	0.27	0.63	0.31	0.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2002, BY WATER YEAR (WY)

MEAN	162	184	251	352	367	409	293	177	179	243	145	134
MAX	484	372	706	708	663	1038	679	533	445	1725	358	329
(WY)	1995	1995	1965	1962	1995	1998	1960	1971	1965	1994	1994	1994
MIN	46.5	67.2	114	128	122	171	115	37.2	28.2	38.9	34.4	52.4
(WY)	2002	2002	1989	1989	2001	2000	2000	2000	2000	2000	2000	1968

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1959 - 2002	
ANNUAL TOTAL	52877		36156			
ANNUAL MEAN	145		99.1		242	
HIGHEST ANNUAL MEAN					396	1994
LOWEST ANNUAL MEAN					99.1	2002
HIGHEST DAILY MEAN	1420	Mar 5	490	Mar 4	13500	Jul 7 1994
LOWEST DAILY MEAN	19	Jul 20	17	Aug 19	15	Jun 15 2000
ANNUAL SEVEN-DAY MINIMUM	23	Jul 18	19	Aug 13	16	Aug 18 2000
MAXIMUM PEAK FLOW			543	Mar 4	43000	Jul 6 1994
MAXIMUM PEAK STAGE			5.42	Mar 4	14.22	Jul 6 1994
INSTANTANEOUS LOW FLOW			16	Aug 19	13	Aug 13 2000
ANNUAL RUNOFF (CFSM)	0.77		0.53		1.29	
ANNUAL RUNOFF (INCHES)	10.46		7.15		17.52	
10 PERCENT EXCEEDS	284		168		461	
50 PERCENT EXCEEDS	98		88		163	
90 PERCENT EXCEEDS	42		33		72	

STATION NUMBER 02353400 PACHITLA CREEK NEAR EDISON, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313317 LONGITUDE 0844043 NAD27 DRAINAGE AREA 188.00* CONTRIBUTING DRAINAGE AREA DATUM 212.64 NGVD29
Date Processed: 2003-03-10 13:02 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.86	2.06	3.01	2.71	3.00	2.72	3.41	3.13	1.13	2.30	3.00	2.39
2	1.82	2.08	2.97	2.82	2.96	3.77	3.89	3.64	0.98	2.58	2.96	2.38
3	1.81	2.10	2.79	3.19	2.87	5.09	3.40	2.74	0.85	1.89	3.20	2.06
4	1.77	2.12	2.70	3.18	2.80	5.29	3.08	2.30	0.76	2.72	2.58	1.86
5	1.73	2.11	2.65	3.00	2.76	4.35	2.89	2.10	1.28	3.36	2.09	1.74
6	1.95	2.07	2.63	3.06	3.03	3.69	2.74	1.98	1.92	3.04	1.80	1.58
7	2.32	2.05	2.62	3.31	4.45	3.43	2.64	1.86	1.79	2.70	1.65	1.46
8	2.23	2.04	2.63	3.13	5.27	3.30	2.55	1.84	1.97	2.26	1.49	1.32
9	2.09	2.08	2.64	2.96	4.94	3.30	2.66	1.72	2.67	2.00	1.34	1.22
10	2.02	2.11	3.08	2.89	4.03	3.38	3.85	1.58	2.86	2.90	1.15	1.10
11	1.99	2.13	4.31	2.93	3.62	3.30	4.89	1.46	2.01	2.55	1.05	0.85
12	1.98	2.14	4.69	2.96	3.38	3.17	5.11	1.44	1.66	2.09	1.01	0.77
13	1.99	2.15	3.89	3.57	3.22	3.66	5.03	1.45	1.46	4.24	0.83	0.84
14	1.98	2.17	3.46	3.95	3.14	3.70	5.22	1.61	1.24	4.09	0.73	1.46
15	2.09	2.18	3.24	3.73	3.07	3.37	4.73	1.77	1.26	3.27	0.86	3.67
16	2.02	2.20	3.11	3.53	3.04	3.20	3.96	1.60	1.35	2.50	0.77	4.72
17	1.97	2.19	3.02	3.29	2.97	3.17	3.59	1.39	1.30	2.06	0.73	4.48
18	1.95	2.16	3.41	3.72	2.90	3.11	3.32	1.47	1.30	1.73	0.66	3.29
19	1.93	2.17	3.75	3.22	2.85	3.00	3.17	2.15	1.16	1.39	0.63	2.78
20	1.94	2.19	3.35	3.60	2.92	2.94	3.04	2.17	1.02	1.17	1.12	2.50
21	1.98	2.21	3.06	4.18	3.36	3.52	2.82	1.79	0.74	1.04	1.78	2.33
22	1.96	2.22	2.93	3.83	3.40	4.27	2.65	1.59	0.85	1.87	1.86	2.24
23	1.95	2.32	2.86	3.39	3.14	3.96	2.48	1.47	1.16	3.06	1.64	2.20
24	1.95	2.84	3.00	3.21	2.98	3.34	2.38	1.39	1.74	3.40	1.40	2.15
25	1.98	3.38	3.08	3.36	2.90	3.14	2.25	1.33	1.84	2.81	1.14	2.48
26	1.96	3.35	2.92	3.55	2.88	3.11	2.26	1.25	1.64	2.60	1.09	2.74
27	1.91	3.36	2.82	3.40	2.83	3.36	2.47	1.15	2.28	2.67	1.70	3.19
28	1.89	3.03	2.81	3.18	2.76	3.44	2.37	1.14	2.04	3.21	2.49	3.67
29	1.92	2.82	2.77	3.11	---	3.14	2.29	1.15	1.85	2.85	2.31	3.17
30	1.98	2.80	2.76	3.10	---	2.94	2.21	1.09	1.83	2.98	2.04	2.77
31	2.02	---	2.72	3.06	---	2.93	---	1.16	---	3.10	2.00	---
MEAN	1.97	2.36	3.09	3.29	3.27	3.49	3.25	1.74	1.53	2.59	1.58	2.31
MAX	2.32	3.38	4.69	4.18	5.27	5.29	5.22	3.64	2.86	4.24	3.20	4.72
MIN	1.73	2.04	2.62	2.71	2.76	2.72	2.21	1.09	0.74	1.04	0.63	0.77

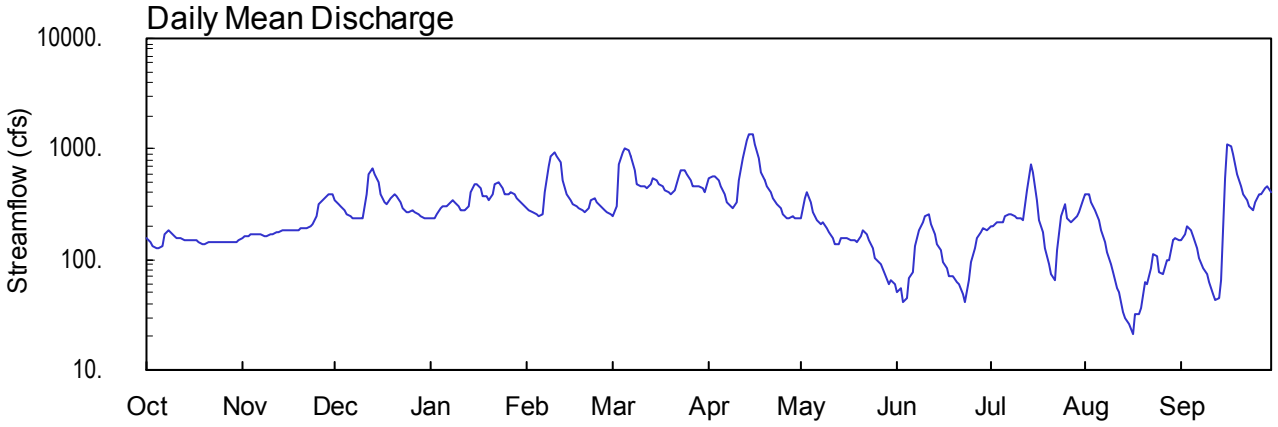
APALACHICOLA RIVER BASIN

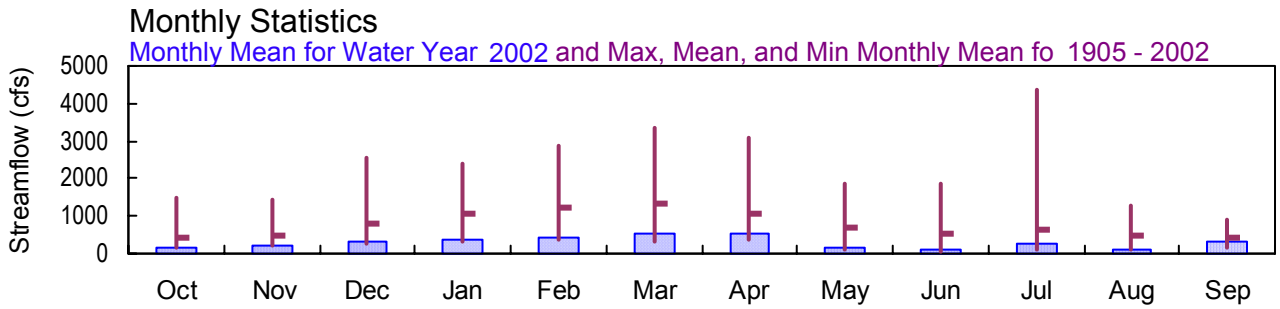
2002 Water Year

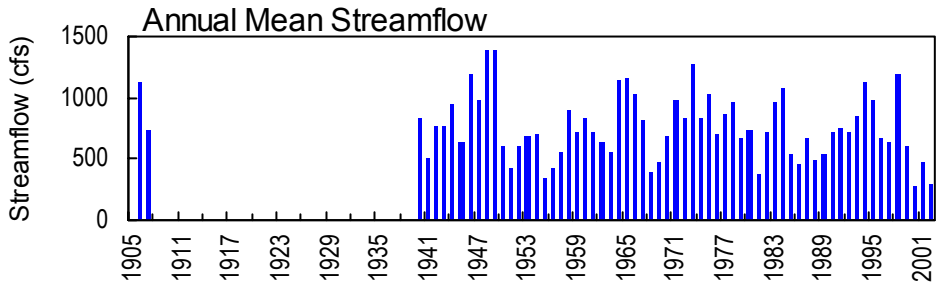
02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA

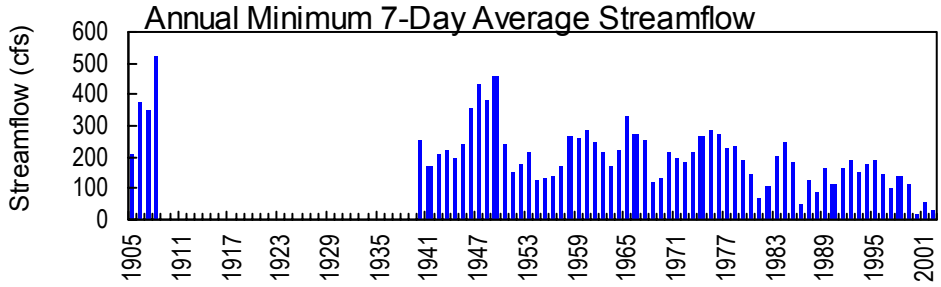
Latitude: 31°22'58" Longitude: 84°32'52" Hydrologic Unit Code: 03130009 Baker County

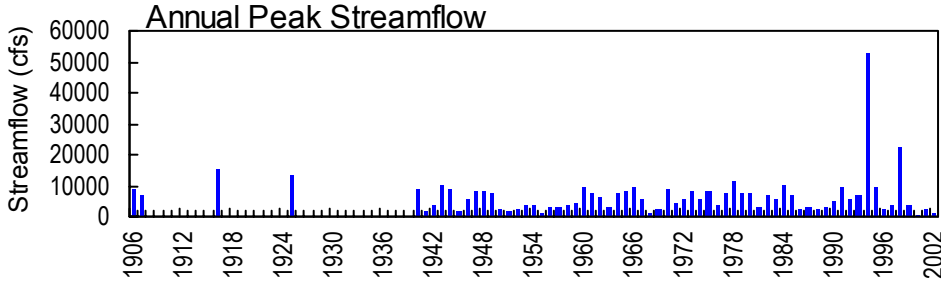
Drainage Area: 620. mi^2 Datum: 150.30 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA

LOCATION.—Lat 31°22'58", long 84°32'52" referenced to North American Datum (NAD) of 1927, Baker County, Hydrologic Unit 03130009, on downstream end of left bank pier of bridge on GA 216 at Milford, 2.2 miles upstream from Alligator Creek, and 5.5 miles upstream from Chickasawhatchee Creek.

DRAINAGE AREA.—620 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—September 1905 to December 1907, October 1939 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 150.3 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). From August 29, 1905 to December 31, 1907, a non-recording gage was located at several sites within 450 feet of present site at various datums. From October 1, 1939 to November 10, 1941, a non-recording gage was located at site 100 feet downstream at present datum.

REMARKS.—Records good. Discharges during growing season affected by undetermined amount of irrigation withdrawal. Moderate diurnal fluctuation occurs at low flow.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood in July 1916 reached a stage of 17.2 feet, from information by local resident; discharge, 15,500 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Apr. 14	0845	1,380*	2.99*

02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—September 1905 to December 1907, October 1939 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 150.3 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). From August 29, 1905 to December 31, 1907, a non-recording gage was located at several sites within 450 feet of present site at various datums. From October 1, 1939 to November 10, 1941, a non-recording gage was located at site 100 feet downstream at present datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 2.99 feet, April 14; minimum gage-height recorded, -0.13 feet, August 16.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 312258 LONGITUDE 0843252 NAD27 DRAINAGE AREA 620.00* CONTRIBUTING DRAINAGE AREA DATUM 150.30 NGVD29
Date Processed: 2003-03-10 13:05 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	153	153	348	234	297	244	532	240	50	202	396	148
2	142	160	316	238	279	307	570	351	56	200	393	168
3	130	163	302	255	269	721	560	409	42	219	333	198
4	128	169	278	291	259	945	520	335	44	220	283	187
5	129	170	256	307	249	1020	452	269	69	218	229	160
6	134	170	244	304	253	983	382	225	78	246	183	124
7	166	167	234	317	403	872	335	206	132	255	144	102
8	184	164	235	346	690	643	306	213	186	253	115	83
9	174	164	232	328	861	488	290	191	219	246	91	73
10	162	169	241	301	941	458	323	176	251	234	77	62
11	154	172	383	280	872	453	522	154	252	236	55	49
12	153	174	598	274	769	446	814	137	205	223	50	43
13	149	178	682	306	522	479	1180	140	169	415	34	44
14	149	181	601	399	392	539	1370	156	135	714	29	66
15	149	181	498	471	344	527	1330	159	119	615	26	543
16	150	181	391	480	321	487	1120	154	96	337	21	1080
17	148	183	335	437	307	455	808	147	84	229	32	1070
18	142	185	319	376	292	427	610	152	70	175	32	911
19	139	185	353	379	278	402	513	145	71	128	37	599
20	140	188	392	345	270	382	457	165	63	91	63	456
21	143	190	370	394	295	415	402	184	60	73	61	391
22	144	191	332	488	344	575	355	167	49	65	85	338
23	145	198	295	493	356	649	322	148	42	123	114	305
24	146	211	271	434	334	639	286	124	66	251	106	281
25	146	250	269	382	303	598	256	102	96	311	78	326
26	144	310	276	392	282	526	238	95	125	238	73	382
27	146	344	267	401	265	469	234	92	154	217	98	395
28	144	377	254	389	254	468	246	74	178	226	97	437
29	144	385	245	360	---	459	238	60	191	250	149	466
30	145	389	240	334	---	434	232	64	186	270	155	411
31	149	---	237	310	---	399	---	59	---	342	152	---
TOTAL	4571	6302	10294	11045	11301	16909	15803	5293	3538	7822	3791	9898
MEAN	147	210	332	356	404	545	527	171	118	252	122	330
MAX	184	389	682	493	941	1020	1370	409	252	714	396	1080
MIN	128	153	232	234	249	244	232	59	42	65	21	43
CFSM	0.24	0.34	0.54	0.57	0.65	0.88	0.85	0.28	0.19	0.41	0.20	0.53
IN.	0.27	0.38	0.62	0.66	0.68	1.01	0.95	0.32	0.21	0.47	0.23	0.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1905 - 2002, BY WATER YEAR (WY)

MEAN	448	494	807	1079	1243	1353	1070	674	539	618	476	404
MAX	1507	1461	2547	2383	2891	3336	3094	1871	1837	4382	1270	928
(WY)	1995	1948	1949	1964	1973	1998	1944	1971	1906	1994	1948	1994
MIN	138	210	241	304	371	315	374	124	41.7	96.6	87.2	145
(WY)	2001	2002	1956	1956	2001	1955	1968	2000	2000	1986	2000	1954

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1905 - 2002	
ANNUAL TOTAL	167347		105852			
ANNUAL MEAN	458		290		763	
HIGHEST ANNUAL MEAN					1391	1948
LOWEST ANNUAL MEAN					275	2000
HIGHEST DAILY MEAN	2680	Mar 23	1370	Apr 14	30000	Jul 7 1994
LOWEST DAILY MEAN	46	Jul 21	21	Aug 16	6.6	Aug 22 2000
ANNUAL SEVEN-DAY MINIMUM	57	Jul 18	30	Aug 13	17	Aug 27 2000
MAXIMUM PEAK FLOW			1380	Apr 14	53000	Jul 7 1994
MAXIMUM PEAK STAGE			2.99	Apr 14	23.20	Jul 7 1994
INSTANTANEOUS LOW FLOW			20	Aug 16	5.0	Aug 14 1986
ANNUAL RUNOFF (CFSM)	0.74		0.47		1.23	
ANNUAL RUNOFF (INCHES)	10.04		6.35		16.71	
10 PERCENT EXCEEDS	1010		528		1510	
50 PERCENT EXCEEDS	324		240		537	
90 PERCENT EXCEEDS	132		75		227	

STATION NUMBER 02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 312258 LONGITUDE 0843252 NAD27 DRAINAGE AREA 620.00* CONTRIBUTING DRAINAGE AREA DATUM 150.30 NGVD29
Date Processed: 2003-03-10 13:05 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.02	1.01	1.56	1.37	1.48	1.39	1.76	1.31	0.19	1.14	1.57	0.84
2	0.97	1.05	1.51	1.38	1.45	1.49	1.80	1.52	0.23	1.13	1.57	0.93
3	0.89	1.07	1.49	1.41	1.43	1.96	1.79	1.61	0.12	1.21	1.47	1.07
4	0.87	1.09	1.45	1.47	1.42	2.21	1.75	1.49	0.13	1.21	1.38	1.02
5	0.88	1.09	1.41	1.49	1.40	2.33	1.66	1.38	0.34	1.20	1.22	0.89
6	0.92	1.10	1.39	1.49	1.40	2.27	1.57	1.26	0.41	1.31	1.02	0.71
7	1.07	1.08	1.37	1.51	1.62	2.11	1.50	1.17	0.79	1.35	0.83	0.58
8	1.15	1.07	1.37	1.55	1.94	1.88	1.45	1.21	1.08	1.34	0.67	0.44
9	1.11	1.07	1.36	1.53	2.10	1.71	1.42	1.11	1.23	1.31	0.51	0.36
10	1.06	1.09	1.38	1.49	2.20	1.67	1.47	1.04	1.34	1.26	0.40	0.28
11	1.02	1.11	1.60	1.45	2.11	1.66	1.74	0.92	1.34	1.26	0.23	0.18
12	1.01	1.11	1.85	1.44	2.01	1.65	2.06	0.82	1.17	1.21	0.19	0.13
13	0.99	1.13	1.93	1.49	1.77	1.70	2.61	0.84	1.00	1.54	0.04	0.14
14	0.99	1.14	1.86	1.63	1.62	1.77	2.96	0.93	0.81	1.95	0.0	0.31
15	0.99	1.15	1.75	1.72	1.55	1.76	2.89	0.95	0.71	1.84	-0.04	1.64
16	1.00	1.14	1.62	1.73	1.52	1.71	2.50	0.92	0.56	1.48	-0.11	2.44
17	0.98	1.16	1.54	1.67	1.50	1.67	2.05	0.88	0.46	1.24	0.01	2.41
18	0.96	1.16	1.51	1.60	1.47	1.63	1.85	0.91	0.34	1.00	0.02	2.17
19	0.94	1.16	1.56	1.60	1.45	1.59	1.74	0.87	0.36	0.75	0.07	1.82
20	0.95	1.17	1.62	1.55	1.44	1.57	1.67	0.98	0.29	0.51	0.28	1.64
21	0.96	1.18	1.59	1.62	1.48	1.61	1.59	1.08	0.27	0.37	0.27	1.55
22	0.97	1.19	1.53	1.73	1.55	1.81	1.53	0.99	0.18	0.30	0.46	1.47
23	0.98	1.22	1.48	1.74	1.57	1.89	1.47	0.89	0.12	0.70	0.65	1.41
24	0.98	1.27	1.44	1.67	1.53	1.88	1.41	0.75	0.31	1.29	0.61	1.36
25	0.97	1.39	1.43	1.60	1.49	1.83	1.36	0.61	0.56	1.44	0.41	1.44
26	0.96	1.50	1.45	1.62	1.45	1.75	1.31	0.55	0.75	1.26	0.37	1.54
27	0.98	1.55	1.43	1.63	1.43	1.68	1.30	0.52	0.91	1.18	0.55	1.55
28	0.97	1.60	1.41	1.61	1.41	1.68	1.34	0.38	1.03	1.21	0.55	1.62
29	0.97	1.61	1.39	1.57	---	1.67	1.31	0.26	1.09	1.30	0.84	1.66
30	0.98	1.61	1.38	1.54	---	1.64	1.29	0.30	1.06	1.36	0.87	1.58
31	0.99	---	1.38	1.50	---	1.59	---	0.25	---	1.48	0.86	---
MEAN	0.98	1.21	1.52	1.56	1.60	1.77	1.74	0.93	0.64	1.20	0.57	1.17
MAX	1.15	1.61	1.93	1.74	2.20	2.33	2.96	1.61	1.34	1.95	1.57	2.44
MIN	0.87	1.01	1.36	1.37	1.40	1.39	1.29	0.25	0.12	0.30	-0.11	0.13

02354272 BRANTLY CREEK AT SASSER-HEROD ROAD, NEAR HEROD, GA

LOCATION.—Lat 31°42'32", long 84°24'26", Lee County, 0.99 miles upstream from the confluence with Chickasawhatchee Creek, and 75.0 miles west of Chickasawhatchee.

DRAINAGE AREA.—Not determined.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.— None.

RATING.—None.

REMARKS.—Part of twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/26/2001	10.01	8.08

02354350 CHICKASAWHATCHEE CREEK NEAR ALBANY, GA

LOCATION.—Lat 31°35'37", long 84°27'12", Dougherty County, Hydrologic Unit Code 03130009, 0.5 miles downstream from the confluence of Herod Creek, and 7.5 miles southwest of Chickasawhatchee.

DRAINAGE AREA.—118.0 m^2.

COOPERATION.— Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.— None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/29/2001	13.26	9.62

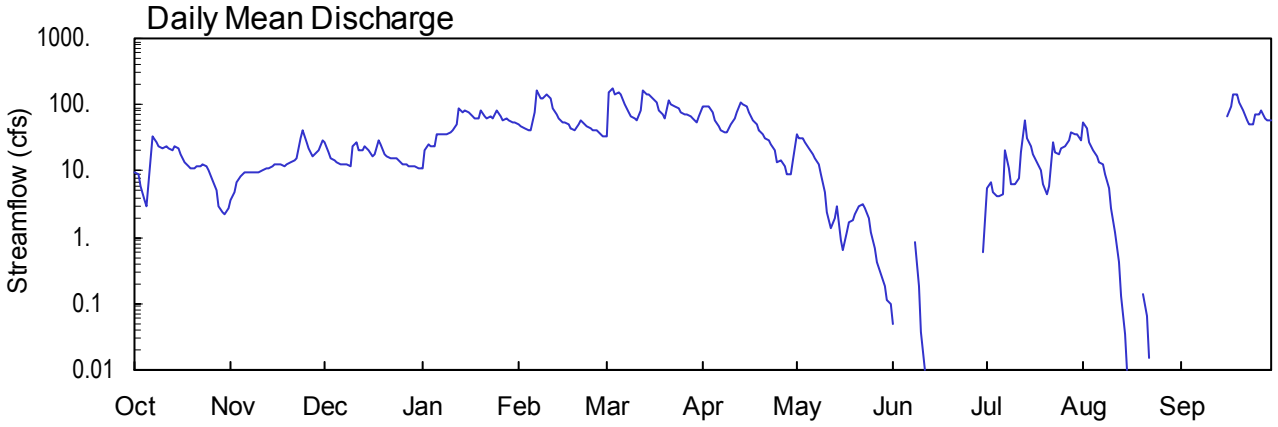
APALACHICOLA RIVER BASIN

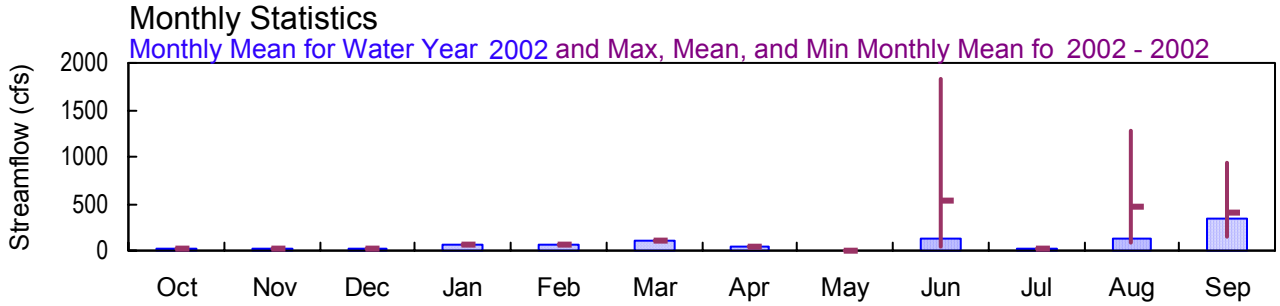
2002 Water Year

02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA

Latitude: 31°30'13" Longitude: 84°25'50" Hydrologic Unit Code: 03130009 Calhoun County

Drainage Area: 157. mi^2 Datum: 173.00 feet





APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA

LOCATION.—Lat 31°30'13", long 84°25'50" referenced to North American Datum (NAD) of 1927, Calhoun County, Hydrologic Unit 03130009, on GA 62, 5.2 miles east of Leary.

DRAINAGE AREA.—157 mi^2.

COOPERATION.—Albany-Dougherty Planning Commission.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 4, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 173.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair. Periods of no flow occur occasionally during the water year.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 4, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 173.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair. Periods of no flow occur occasionally during the water year.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.29 feet, March 2; minimum gage-height recorded, 3.29 feet, September 14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—August 4, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
Date Processed: 2003-03-10 13:08 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.5	e3.7	27	11	51	34	96	36	0.05	5.6	56	---
2	8.7	4.9	19	e20	48	159	96	32	---	6.6	43	---
3	6.0	6.9	16	25	44	179	96	32	---	4.9	28	---
4	e3.70	8.6	15	23	42	145	77	28	---	4.3	21	---
5	2.9	9.5	14	24	40	150	58	22	---	4.1	17	---
6	15	9.7	13	37	77	146	48	18	---	4.4	14	---
7	33	9.5	13	36	162	104	42	16	---	20	13	---
8	28	9.5	13	35	122	77	39	e13	0.84	11	8.9	---
9	23	9.7	12	37	123	66	38	8.9	0.18	6.3	5.7	---
10	22	9.8	23	39	142	63	51	4.8	0.04	6.2	2.7	---
11	23	10	28	41	122	58	61	2.4	e0.01	7.6	1.2	---
12	22	11	20	50	89	85	76	1.4	---	19	0.41	---
13	21	11	20	91	72	163	107	2.0	---	59	0.13	---
14	24	12	23	78	63	148	100	2.9	---	31	0.03	---
15	22	13	21	85	56	144	95	0.92	---	24	e0.01	---
16	18	13	17	77	53	127	76	0.66	---	18	---	69
17	14	13	e18	69	49	108	60	1.2	---	14	---	97
18	12	12	30	63	44	83	49	1.7	---	10	---	145
19	11	13	e25	64	42	70	42	1.8	---	6.4	e0.00	139
20	11	14	18	81	52	64	36	2.3	---	4.4	0.14	108
21	12	15	17	69	58	115	32	2.9	---	5.9	0.06	82
22	12	16	16	64	50	103	29	3.1	---	27	0.02	60
23	13	31	16	65	48	93	25	2.8	---	19	---	49
24	12	41	16	63	43	90	20	1.9	---	18	---	52
25	10	28	14	82	42	77	14	1.2	---	22	---	74
26	7.3	22	13	69	41	72	15	0.71	---	23	---	72
27	5.0	17	13	60	37	73	12	0.42	---	29	---	82
28	3.0	19	12	62	34	65	9.1	0.27	---	38	---	63
29	2.4	21	12	60	---	61	8.8	0.18	---	37	---	58
30	e2.2	29	12	56	---	56	15	0.11	e0.61	37	---	57
31	e2.8	---	11	53	---	65	---	0.10	---	30	---	---
TOTAL	411.50	442.8	537	1689	1846	3043	1522.9	241.67	---	552.7	---	---
MEAN	13.3	14.8	17.3	54.5	65.9	98.2	50.8	7.80	---	17.8	---	---
MAX	33	41	30	91	162	179	107	36	---	59	---	---
MIN	2.2	3.7	11	11	34	34	8.8	0.10	---	4.1	---	---
CFSM	0.08	0.09	0.11	0.35	0.42	0.63	0.32	0.05	---	0.11	---	---
IN.	0.10	0.10	0.13	0.40	0.44	0.72	0.36	0.06	---	0.13	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	13.3	14.8	17.3	54.5	65.9	98.2	50.8	7.80	---	17.8	---	---
MAX	13.3	14.8	17.3	54.5	65.9	98.2	50.8	7.80	---	17.8	---	---
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	---	2002	---	---
MIN	13.3	14.8	17.3	54.5	65.9	98.2	50.8	7.80	---	17.8	---	---
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	---	2002	---	---

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
Date Processed: 2003-03-10 13:08 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	3.6
4	---	---	---	---	---	---	---	---	---	---	3.4	4.3
5	---	---	---	---	---	---	---	---	---	---	2.5	4.8
6	---	---	---	---	---	---	---	---	---	---	2.6	8.6
7	---	---	---	---	---	---	---	---	---	---	3.4	11
8	---	---	---	---	---	---	---	---	---	---	6.6	14
9	---	---	---	---	---	---	---	---	---	---	8.0	16
10	---	---	---	---	---	---	---	---	---	---	9.0	14
11	---	---	---	---	---	---	---	---	---	---	8.6	14
12	---	---	---	---	---	---	---	---	---	---	5.8	16
13	---	---	---	---	---	---	---	---	---	---	4.5	14
14	---	---	---	---	---	---	---	---	---	---	2.8	12
15	---	---	---	---	---	---	---	---	---	---	3.4	11
16	---	---	---	---	---	---	---	---	---	---	3.7	9.6
17	---	---	---	---	---	---	---	---	---	---	4.2	7.8
18	---	---	---	---	---	---	---	---	---	---	3.7	7.3
19	---	---	---	---	---	---	---	---	---	---	2.3	5.3
20	---	---	---	---	---	---	---	---	---	---	1.3	4.0
21	---	---	---	---	---	---	---	---	---	---	0.63	2.8
22	---	---	---	---	---	---	---	---	---	---	0.27	1.5
23	---	---	---	---	---	---	---	---	---	---	0.10	1.5
24	---	---	---	---	---	---	---	---	---	---	0.03	5.3
25	---	---	---	---	---	---	---	---	---	---	---	5.9
26	---	---	---	---	---	---	---	---	---	---	---	5.4
27	---	---	---	---	---	---	---	---	---	---	---	4.8
28	---	---	---	---	---	---	---	---	---	---	---	6.6
29	---	---	---	---	---	---	---	---	---	---	---	9.0
30	---	---	---	---	---	---	---	---	---	---	---	10
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
CFSM	---	---	---	---	---	---	---	---	---	---	---	---
IN.	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
Date Processed: 2003-03-10 13:08 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.04	---	5.53	5.48	5.59	5.44	5.86	5.46	4.47	5.00	5.62	3.91
2	5.01	4.98	5.45	---	5.57	6.04	5.86	5.42	4.35	5.03	5.53	3.87
3	4.94	5.04	5.44	5.65	5.54	6.15	5.86	5.42	4.26	4.98	5.38	3.82
4	---	5.08	5.45	5.59	5.52	6.05	5.76	5.38	4.17	4.96	5.30	3.77
5	4.82	5.10	5.45	5.58	5.50	6.06	5.64	5.31	4.11	4.95	5.24	3.71
6	5.08	5.11	5.46	5.68	5.71	6.05	5.57	5.26	4.03	4.94	5.20	3.65
7	5.39	5.10	5.48	5.64	6.10	5.89	5.52	5.22	4.18	5.28	5.18	3.60
8	5.33	5.10	5.49	5.60	5.97	5.76	5.49	---	4.71	5.14	5.09	3.54
9	5.27	5.11	5.48	5.59	5.97	5.70	5.48	5.09	4.56	5.02	5.00	3.49
10	5.26	5.11	5.64	5.58	6.04	5.67	5.59	4.97	4.44	5.02	4.88	3.45
11	5.27	5.12	5.72	5.57	5.97	5.64	5.66	4.87	4.34	5.06	4.77	3.40
12	5.27	5.13	5.63	5.60	5.82	5.76	5.75	4.79	4.25	5.18	4.64	3.36
13	5.24	5.14	5.64	5.83	5.73	6.10	5.91	4.79	4.16	5.64	4.54	3.32
14	5.29	5.15	5.67	5.77	5.68	6.06	5.88	4.89	4.08	5.41	4.44	3.35
15	5.26	5.17	5.64	5.80	5.63	6.04	5.85	4.74	4.05	5.33	4.37	5.70
16	5.20	5.18	5.59	5.76	5.61	5.99	5.75	4.70	3.97	5.26	4.30	5.71
17	5.14	5.17	---	5.71	5.57	5.91	5.66	4.77	3.89	5.19	4.24	5.85
18	5.10	5.16	5.74	5.68	5.54	5.79	5.58	4.82	3.81	5.12	4.16	6.05
19	5.09	5.17	---	5.68	5.52	5.72	5.52	4.83	3.75	5.03	4.15	6.03
20	5.10	5.19	5.60	5.78	5.59	5.68	5.46	4.87	3.69	4.97	4.55	5.91
21	5.11	5.21	5.59	5.71	5.64	5.93	5.42	4.90	3.64	4.96	4.49	5.79
22	5.13	5.23	5.58	5.68	5.59	5.89	5.39	4.91	3.62	5.36	4.40	5.66
23	5.14	5.41	5.58	5.69	5.57	5.84	5.35	4.89	3.61	5.27	4.32	5.58
24	5.14	5.52	5.57	5.67	5.53	5.83	5.28	4.84	3.64	5.26	4.24	5.59
25	5.10	5.41	5.55	5.79	5.52	5.76	5.20	4.77	3.60	5.32	4.15	5.74
26	5.03	5.36	5.53	5.71	5.51	5.73	5.20	4.71	3.57	5.33	4.08	5.73
27	4.98	5.33	5.52	5.66	5.47	5.74	5.16	4.65	3.53	5.39	4.07	5.79
28	4.89	5.36	5.51	5.67	5.44	5.69	5.10	4.61	3.49	5.48	4.01	5.68
29	4.87	5.42	5.51	5.66	---	5.66	5.09	4.57	3.46	5.47	3.95	5.64
30	---	5.53	5.50	5.63	---	5.63	5.16	4.53	4.50	5.47	3.92	5.63
31	---	---	5.49	5.61	---	5.68	---	4.52	---	5.40	3.94	---
MEAN	---	---	---	---	5.66	5.83	5.53	---	4.00	5.20	4.59	4.74
MAX	---	---	---	---	6.10	6.15	5.91	---	4.71	5.64	5.62	6.05
MIN	---	---	---	---	5.44	5.44	5.09	---	3.46	4.94	3.92	3.32

STATION NUMBER 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
Date Processed: 2003-03-10 13:08 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	3.91
2	---	---	---	---	---	---	---	---	---	---	---	4.12
3	---	---	---	---	---	---	---	---	---	---	---	4.84
4	---	---	---	---	---	---	---	---	---	---	4.92	4.88
5	---	---	---	---	---	---	---	---	---	---	4.88	4.90
6	---	---	---	---	---	---	---	---	---	---	4.88	5.01
7	---	---	---	---	---	---	---	---	---	---	4.91	5.08
8	---	---	---	---	---	---	---	---	---	---	5.03	5.14
9	---	---	---	---	---	---	---	---	---	---	5.07	5.17
10	---	---	---	---	---	---	---	---	---	---	5.09	5.14
11	---	---	---	---	---	---	---	---	---	---	5.08	5.13
12	---	---	---	---	---	---	---	---	---	---	5.01	5.17
13	---	---	---	---	---	---	---	---	---	---	4.99	5.13
14	---	---	---	---	---	---	---	---	---	---	4.93	5.10
15	---	---	---	---	---	---	---	---	---	---	4.96	5.07
16	---	---	---	---	---	---	---	---	---	---	4.98	5.03
17	---	---	---	---	---	---	---	---	---	---	5.00	5.00
18	---	---	---	---	---	---	---	---	---	---	4.97	4.98
19	---	---	---	---	---	---	---	---	---	---	4.90	4.92
20	---	---	---	---	---	---	---	---	---	---	4.82	4.87
21	---	---	---	---	---	---	---	---	---	---	4.73	4.81
22	---	---	---	---	---	---	---	---	---	---	4.64	4.72
23	---	---	---	---	---	---	---	---	---	---	4.56	4.71
24	---	---	---	---	---	---	---	---	---	---	4.48	4.91
25	---	---	---	---	---	---	---	---	---	---	4.36	4.94
26	---	---	---	---	---	---	---	---	---	---	4.28	4.92
27	---	---	---	---	---	---	---	---	---	---	4.20	4.90
28	---	---	---	---	---	---	---	---	---	---	4.12	4.96
29	---	---	---	---	---	---	---	---	---	---	4.09	5.02
30	---	---	---	---	---	---	---	---	---	---	4.03	5.04
31	---	---	---	---	---	---	---	---	---	---	3.96	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	4.92
MAX	---	---	---	---	---	---	---	---	---	---	---	5.17
MIN	---	---	---	---	---	---	---	---	---	---	---	3.91

STATION NUMBER 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
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Date Processed: 2003-03-10 13:08 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.02	0.33	0.06	0.00	0.00	1.17	0.00
2	0.00	0.00	0.00	0.60	0.00	2.53	0.00	0.14	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.05	0.00	0.21	0.00	0.13	0.02	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.13	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.00	0.00	0.00
6	1.12	0.00	0.00	0.28	1.69	0.00	0.00	0.05	0.01	1.66	0.19	0.00
7	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.02	2.06	0.28	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.01	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.02	0.00	0.00
10	0.00	0.00	1.10	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00
12	0.00	0.00	0.01	0.74	0.00	1.22	0.04	0.00	0.00	2.03	0.00	0.00
13	0.00	0.00	0.01	0.00	0.00	0.01	0.02	1.17	0.00	0.00	0.00	0.06
14	0.22	0.00	0.00	0.38	0.00	0.00	0.02	0.00	0.16	0.00	0.01	2.04
15	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	3.17
16	0.00	0.00	0.00	0.00	0.00	0.45	0.01	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.58	0.00	0.00	0.00	0.02	0.45	0.00	0.00	0.00	0.02
18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.47	0.00	0.00	0.02	0.00	0.00	0.00	0.98	0.00
20	0.00	0.00	0.00	0.00	0.39	0.00	0.01	0.00	0.00	0.19	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.84	0.01	0.00	0.14	1.32	0.04	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	1.13	0.07	0.00
23	0.00	0.74	0.03	0.00	0.00	0.00	0.02	0.00	0.44	0.05	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.08	0.00	0.55
25	0.00	0.16	0.00	0.68	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.36	0.03	0.00	0.02	0.00	0.28	0.00
27	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.07	0.02	0.06
28	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	15.48	0.01	0.00	0.34
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.07	0.00
30	0.00	0.22	0.00	0.00	---	0.00	0.01	0.00	0.41	0.00	0.40	0.00
31	0.00	---	0.00	0.00	---	0.73	---	0.00	---	0.00	0.01	---
TOTAL	1.34	1.12	1.73	3.23	2.34	6.44	0.80	---	19.04	6.84	3.24	6.25

STATION NUMBER 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
Date Processed: 2003-03-10 13:08 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	0.0	0.22
2	---	---	---	---	---	---	---	---	---	---	0.0	1.40
3	---	---	---	---	---	---	---	---	---	---	0.0	0.63
4	---	---	---	---	---	---	---	---	---	---	0.00	0.31
5	---	---	---	---	---	---	---	---	---	---	0.18	0.12
6	---	---	---	---	---	---	---	---	---	---	0.09	0.04
7	---	---	---	---	---	---	---	---	---	---	0.76	0.00
8	---	---	---	---	---	---	---	---	---	---	0.00	0.15
9	---	---	---	---	---	---	---	---	---	---	0.00	0.00
10	---	---	---	---	---	---	---	---	---	---	0.01	0.00
11	---	---	---	---	---	---	---	---	---	---	0.01	0.02
12	---	---	---	---	---	---	---	---	---	---	0.29	0.00
13	---	---	---	---	---	---	---	---	---	---	0.17	0.00
14	---	---	---	---	---	---	---	---	---	---	0.04	0.00
15	---	---	---	---	---	---	---	---	---	---	0.00	0.00
16	---	---	---	---	---	---	---	---	---	---	0.00	0.00
17	---	---	---	---	---	---	---	---	---	---	0.04	0.00
18	---	---	---	---	---	---	---	---	---	---	0.02	0.00
19	---	---	---	---	---	---	---	---	---	---	0.00	0.00
20	---	---	---	---	---	---	---	---	---	---	0.00	0.00
21	---	---	---	---	---	---	---	---	---	---	0.00	0.00
22	---	---	---	---	---	---	---	---	---	---	0.00	0.00
23	---	---	---	---	---	---	---	---	---	---	0.00	0.32
24	---	---	---	---	---	---	---	---	---	---	0.00	0.49
25	---	---	---	---	---	---	---	---	---	---	0.00	0.01
26	---	---	---	---	---	---	---	---	---	---	0.00	0.00
27	---	---	---	---	---	---	---	---	---	---	0.00	0.00
28	---	---	---	---	---	---	---	---	---	---	0.13	0.00
29	---	---	---	---	---	---	---	---	---	---	0.01	0.00
30	---	---	---	---	---	---	---	---	---	---	0.00	0.00
31	---	---	---	---	---	---	---	---	---	---	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	---	1.75	3.71

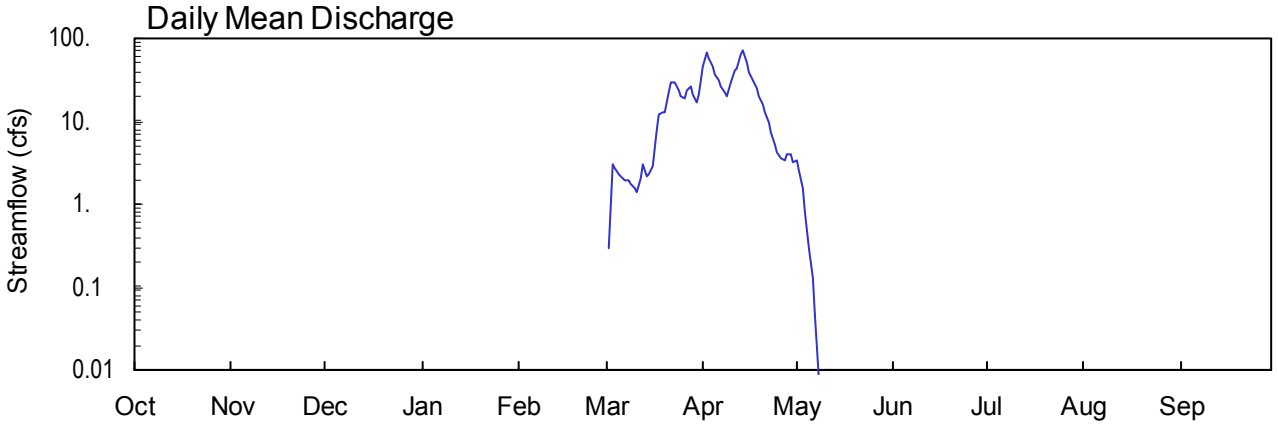
APALACHICOLA RIVER BASIN

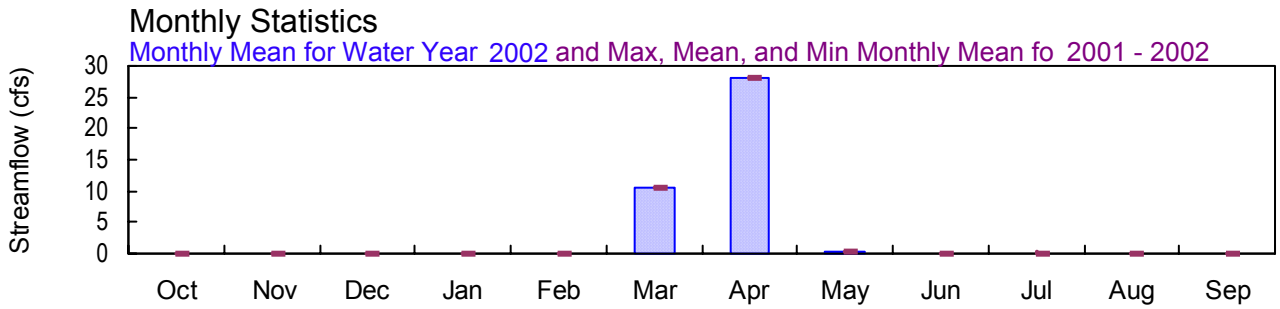
2002 Water Year

02354440 KIOKEE CREEK NEAR PRETORIA, GA

Latitude: 31°30'13" Longitude: 84°22'01" Hydrologic Unit Code: 03130009 Dougherty County

Drainage Area: 67. mi^2 Datum: 175.00 feet





NO PHOTOS AVAILABLE FOR THIS SITE

APALACHICOLA RIVER BASIN
2001 and 2002 Water Years

02354440 KIOKEE CREEK NEAR PRETORIA, GA

LOCATION.—Lat 31°30'13", long 84°22'01" referenced to North American Datum (NAD) of 1927, Dougherty County, Hydrologic Unit 03130009, on GA 62, 3.0 miles west of Pretoria.

DRAINAGE AREA.—67 mi^2.

COOPERATION.—Albany-Dougherty Planning Commission.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—June 20, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 175.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair. Periods of no flow occur frequently during the water year.

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 20, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 175.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good. Periods of no flow occur frequently during the water year.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 4.70 feet, April 14; minimum gage-height recorded, 1.57 feet, but is lower many times during the water year due to gage being out of the water.

PRECIPITATION RECORDS

PERIOD OF RECORD.— June 20, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02354440 KIOKEE CREEK NEAR PRETORIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313013 LONGITUDE 0842201 NAD83 DRAINAGE AREA 67.0* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 13:14 By acday
APPROVED
DD #2, DCP
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	46	3.4	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.29	68	2.6	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	3.0	59	1.6	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	2.7	46	0.79	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	2.3	37	0.30	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	2.2	31	0.13	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	2.0	26	0.05	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	1.9	22	0.01	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	1.7	20	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	1.6	29	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	1.4	42	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	2.1	44	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	3.1	65	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	2.2	70	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	2.3	52	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	2.8	39	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	7.9	31	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	12	25	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	13	20	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	13	16	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	22	13	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	30	9.5	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	29	7.2	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	23	5.4	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	20	4.3	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	19	3.6	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	23	3.3	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	26	4.0	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	21	4.0	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	17	3.2	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	21	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	328.49	845.5	8.88	0.00	0.00	0.00	0.00
MEAN	0.000	0.000	0.000	0.000	0.000	10.6	28.2	0.29	0.000	0.000	0.000	0.000
MAX	0.00	0.00	0.00	0.00	0.00	30	70	3.4	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	3.2	0.00	0.00	0.00	0.00	0.00
CFSM	0.00	0.00	0.00	0.00	0.00	0.16	0.42	0.00	0.00	0.00	0.00	0.00
IN.	0.00	0.00	0.00	0.00	0.00	0.18	0.47	0.00	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	0.000	0.000	0.000	0.000	0.000	10.6	28.2	0.29	0.000	0.094	0.000	0.000
MAX	0.000	0.000	0.000	0.000	0.000	10.6	28.2	0.29	0.000	0.19	0.000	0.000
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001	2001	2001
MIN	0.000	0.000	0.000	0.000	0.000	10.6	28.2	0.29	0.000	0.000	0.000	0.000
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2001	2001

SUMMARY STATISTICS	FOR 2002 WATER YEAR		WATER YEARS 2001 - 2002	
ANNUAL TOTAL	1182.87			
ANNUAL MEAN	3.24		3.24	
HIGHEST ANNUAL MEAN			3.24	2002
LOWEST ANNUAL MEAN			3.24	2002
HIGHEST DAILY MEAN	70	Apr 14	70	Apr 14 2002
LOWEST DAILY MEAN	0.00	Oct 1	0.00	Jul 7 2001
ANNUAL SEVEN-DAY MINIMUM	0.00	Oct 1	0.00	Jul 7 2001
MAXIMUM PEAK FLOW	74	Apr 14		
MAXIMUM PEAK STAGE	4.70	Apr 14		
INSTANTANEOUS LOW FLOW	0.00	Oct 1		
ANNUAL RUNOFF (CFSM)	0.048		0.048	
ANNUAL RUNOFF (INCHES)	0.66		0.66	
10 PERCENT EXCEEDS	8.5		8.5	
50 PERCENT EXCEEDS	0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02354440 KIOKEE CREEK NEAR PRETORIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313013 LONGITUDE 0842201 NAD83 DRAINAGE AREA 67.0* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 13:14 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	2.9	0.00	0.00
2	---	---	---	---	---	---	---	---	---	1.6	0.00	0.00
3	---	---	---	---	---	---	---	---	---	0.77	0.00	0.00
4	---	---	---	---	---	---	---	---	---	0.34	0.00	0.00
5	---	---	---	---	---	---	---	---	---	0.13	0.00	0.00
6	---	---	---	---	---	---	---	---	---	0.06	0.00	0.00
7	---	---	---	---	---	---	---	---	---	0.0	0.00	0.00
8	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
10	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
12	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
13	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
14	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
15	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
17	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
18	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
19	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
20	---	---	---	---	---	---	---	---	2.4	0.00	0.00	0.00
21	---	---	---	---	---	---	---	---	1.6	0.00	0.00	0.00
22	---	---	---	---	---	---	---	---	1.8	0.00	0.00	0.00
23	---	---	---	---	---	---	---	---	3.0	0.00	0.00	0.00
24	---	---	---	---	---	---	---	---	1.7	0.00	0.00	0.00
25	---	---	---	---	---	---	---	---	0.83	0.00	0.00	0.00
26	---	---	---	---	---	---	---	---	0.39	0.00	0.00	0.00
27	---	---	---	---	---	---	---	---	0.14	0.00	0.00	0.00
28	---	---	---	---	---	---	---	---	0.04	0.00	0.00	0.00
29	---	---	---	---	---	---	---	---	0.11	0.00	0.00	0.00
30	---	---	---	---	---	---	---	---	1.8	0.00	0.00	0.00
31	---	---	---	---	---	---	---	---	---	0.00	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	5.80	0.00	0.00
MEAN	---	---	---	---	---	---	---	---	---	0.19	0.000	0.000
MAX	---	---	---	---	---	---	---	---	---	2.9	0.00	0.00
MIN	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
CFSM	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
IN.	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2001, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	0.19	0.000	0.000
MAX	---	---	---	---	---	---	---	---	---	0.19	0.000	0.000
(WY)	---	---	---	---	---	---	---	---	---	2001	2001	2001
MIN	---	---	---	---	---	---	---	---	---	0.19	0.000	0.000
(WY)	---	---	---	---	---	---	---	---	---	2001	2001	2001

STATION NUMBER 02354440 KIOKEE CREEK NEAR PRETORIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313013 LONGITUDE 0842201 NAD83 DRAINAGE AREA 67.0* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 13:14 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	2.81	4.46	3.75	---	---	---	---
2	---	---	---	---	---	3.29	4.65	3.71	---	---	---	---
3	---	---	---	---	---	3.73	4.58	3.64	---	---	---	---
4	---	---	---	---	---	3.71	4.46	3.56	---	---	---	---
5	---	---	---	---	---	3.70	4.37	3.46	---	---	---	---
6	---	---	---	---	---	3.69	4.29	3.38	---	---	---	---
7	---	---	---	---	1.85	3.68	4.23	3.31	---	---	---	---
8	---	---	---	---	2.28	3.67	4.18	3.22	---	---	---	---
9	---	---	---	---	2.52	3.65	4.15	3.11	---	---	---	---
10	---	---	---	---	2.69	3.65	4.26	3.00	---	---	---	---
11	---	---	---	---	2.76	3.63	4.42	2.86	---	---	---	---
12	---	---	---	---	2.81	3.67	4.44	2.71	---	---	---	---
13	---	---	---	---	2.83	3.74	4.63	2.61	---	---	---	---
14	---	---	---	---	2.84	3.69	4.67	2.83	---	---	---	---
15	---	---	---	---	2.84	3.69	4.51	2.78	---	---	---	---
16	---	---	---	---	2.85	3.72	4.39	2.67	---	---	---	---
17	---	---	---	---	2.85	3.91	4.30	2.57	---	---	---	---
18	---	---	---	---	2.82	4.02	4.22	2.62	---	---	---	---
19	---	---	---	---	2.80	4.04	4.15	2.58	---	---	---	---
20	---	---	---	---	2.84	4.04	4.09	2.44	---	---	---	---
21	---	---	---	---	2.90	4.18	4.03	2.30	---	---	---	---
22	---	---	---	---	2.92	4.28	3.96	2.16	---	---	---	---
23	---	---	---	---	2.92	4.26	3.90	2.04	---	---	---	---
24	---	---	---	---	2.91	4.19	3.84	1.92	---	---	---	---
25	---	---	---	---	2.89	4.15	3.80	1.79	---	---	---	---
26	---	---	---	---	2.89	4.14	3.76	1.65	---	---	---	---
27	---	---	---	---	2.87	4.19	3.75	---	---	---	---	---
28	---	---	---	---	2.83	4.23	3.78	---	---	---	---	---
29	---	---	---	---	---	4.17	3.78	---	---	---	---	---
30	---	---	---	---	---	4.11	3.74	---	---	---	---	---
31	---	---	---	---	---	4.15	---	---	---	---	---	---
MEAN	---	---	---	---	---	3.86	4.19	---	---	---	---	---
MAX	---	---	---	---	---	4.28	4.67	---	---	---	---	---
MIN	---	---	---	---	---	2.81	3.74	---	---	---	---	---

STATION NUMBER 02354440 KIOKEE CREEK NEAR PRETORIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313013 LONGITUDE 0842201 NAD83 DRAINAGE AREA 67.0* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 13:14 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	3.73	1.97	---
2	---	---	---	---	---	---	---	---	---	3.64	1.80	---
3	---	---	---	---	---	---	---	---	---	3.55	---	---
4	---	---	---	---	---	---	---	---	---	3.47	---	---
5	---	---	---	---	---	---	---	---	---	3.39	---	---
6	---	---	---	---	---	---	---	---	---	3.32	---	---
7	---	---	---	---	---	---	---	---	---	3.20	---	---
8	---	---	---	---	---	---	---	---	---	3.09	2.31	---
9	---	---	---	---	---	---	---	---	---	2.96	2.44	---
10	---	---	---	---	---	---	---	---	---	2.89	2.35	---
11	---	---	---	---	---	---	---	---	---	3.10	2.24	---
12	---	---	---	---	---	---	---	---	---	3.04	2.16	---
13	---	---	---	---	---	---	---	---	---	2.97	2.28	---
14	---	---	---	---	---	---	---	---	---	2.86	2.32	---
15	---	---	---	---	---	---	---	---	---	2.71	2.28	---
16	---	---	---	---	---	---	---	---	---	2.53	2.16	---
17	---	---	---	---	---	---	---	---	---	2.31	2.01	---
18	---	---	---	---	---	---	---	---	---	2.11	1.90	---
19	---	---	---	---	---	---	---	---	---	1.94	1.83	---
20	---	---	---	---	---	---	---	---	3.70	1.87	1.68	---
21	---	---	---	---	---	---	---	---	3.65	1.93	---	---
22	---	---	---	---	---	---	---	---	3.66	1.77	---	---
23	---	---	---	---	---	---	---	---	3.73	1.62	---	---
24	---	---	---	---	---	---	---	---	3.65	1.72	---	---
25	---	---	---	---	---	---	---	---	3.56	2.22	---	---
26	---	---	---	---	---	---	---	---	3.48	2.44	---	---
27	---	---	---	---	---	---	---	---	3.39	---	---	---
28	---	---	---	---	---	---	---	---	3.29	2.39	---	---
29	---	---	---	---	---	---	---	---	3.37	2.28	---	---
30	---	---	---	---	---	---	---	---	3.64	2.20	---	---
31	---	---	---	---	---	---	---	---	---	2.09	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02354440 KIOKEE CREEK NEAR PRETORIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313013 LONGITUDE 0842201 NAD83 DRAINAGE AREA 67.0* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 13:14 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	---	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.92	0.00
2	0.00	0.00	---	0.60	0.00	2.33	0.00	0.00	0.00	0.28	0.00	0.00
3	0.00	0.00	---	0.04	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
6	0.89	0.00	0.00	0.38	1.68	0.00	0.00	0.00	0.01	1.04	0.15	0.00
7	0.00	0.00	0.00	0.01	0.23	0.00	0.00	0.00	0.57	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.09	0.18	0.00	0.00	0.15	0.00	0.00
10	0.00	0.00	1.01	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.86	0.00	1.01	0.75	0.00	0.00	1.56	0.00	0.00
13	0.00	0.00	0.01	0.00	0.00	0.00	0.02	1.12	0.00	0.01	0.00	0.21
14	0.17	0.00	0.03	0.35	0.00	0.01	0.00	0.01	0.35	0.00	0.00	2.56
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.51
16	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.02	0.00
17	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.00
19	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00
20	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.25	0.00	0.00
21	0.00	0.00	0.00	0.01	0.00	1.12	0.00	0.00	0.13	1.86	0.02	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.85	0.20	0.00
23	0.00	0.68	0.02	0.00	0.00	0.00	0.00	0.00	0.34	0.02	0.01	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.52
25	0.00	0.24	0.00	0.40	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.07
26	0.00	---	0.00	0.00	0.00	0.55	0.00	0.00	0.00	0.23	0.26	0.12
27	0.00	---	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.09	0.04
28	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.00
29	0.00	---	0.00	0.01	---	0.00	0.16	0.00	0.01	0.00	0.00	0.00
30	0.00	---	0.00	0.00	---	0.00	0.49	0.00	0.71	0.00	0.87	0.00
31	0.00	---	0.00	0.00	---	1.60	---	0.00	---	0.00	0.01	---
TOTAL	1.06	---	---	3.13	2.27	7.11	2.61	1.60	2.58	6.75	2.74	6.03

STATION NUMBER 02354440 KIOKEE CREEK NEAR PRETORIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 095
LATITUDE 313013 LONGITUDE 0842201 NAD83 DRAINAGE AREA 67.0* CONTRIBUTING DRAINAGE AREA DATUM 175.00 NGVD29
Date Processed: 2003-03-10 13:20 By acday
APPROVED
DD #3, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	0.0	0.00	0.63
2	---	---	---	---	---	---	---	---	---	0.00	0.00	0.97
3	---	---	---	---	---	---	---	---	---	0.00	0.00	0.93
4	---	---	---	---	---	---	---	---	---	0.02	0.00	0.13
5	---	---	---	---	---	---	---	---	---	0.04	0.15	0.36
6	---	---	---	---	---	---	---	---	---	0.00	0.07	0.06
7	---	---	---	---	---	---	---	---	---	0.00	1.71	0.00
8	---	---	---	---	---	---	---	---	---	0.00	0.00	0.06
9	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
10	---	---	---	---	---	---	---	---	---	1.05	0.03	0.01
11	---	---	---	---	---	---	---	---	---	0.00	0.00	0.15
12	---	---	---	---	---	---	---	---	---	0.00	0.60	0.00
13	---	---	---	---	---	---	---	---	---	0.00	0.28	0.00
14	---	---	---	---	---	---	---	---	---	0.00	0.01	0.00
15	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
17	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
18	---	---	---	---	---	---	---	---	---	0.00	0.24	0.00
19	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
20	---	---	---	---	---	---	---	---	0.00	0.52	0.00	0.00
21	---	---	---	---	---	---	---	---	0.00	0.01	0.00	0.00
22	---	---	---	---	---	---	---	---	0.55	0.00	0.00	0.00
23	---	---	---	---	---	---	---	---	0.00	0.24	0.00	0.01
24	---	---	---	---	---	---	---	---	0.00	1.18	0.00	0.97
25	---	---	---	---	---	---	---	---	0.00	0.42	0.00	0.00
26	---	---	---	---	---	---	---	---	0.00	0.15	0.00	0.00
27	---	---	---	---	---	---	---	---	0.01	0.07	0.00	0.00
28	---	---	---	---	---	---	---	---	0.32	0.00	0.12	0.00
29	---	---	---	---	---	---	---	---	0.24	0.17	0.00	0.00
30	---	---	---	---	---	---	---	---	0.69	0.00	0.00	0.0
31	---	---	---	---	---	---	---	---	---	0.04	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	3.92	3.21	4.28

02354497 CHICKASAWHATCHEE CREEK AT CLEARLAKE ROAD, NEAR ELMODEL, GA

LOCATION.--Lat 31°23'14", long 84°27'59", Baker County, 2.46 miles down stream from the confluence with Spring Creek, and 6.8 miles northwest of Leary.

DRAINAGE AREA.—Not determined.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/26/2001	15.30	.10

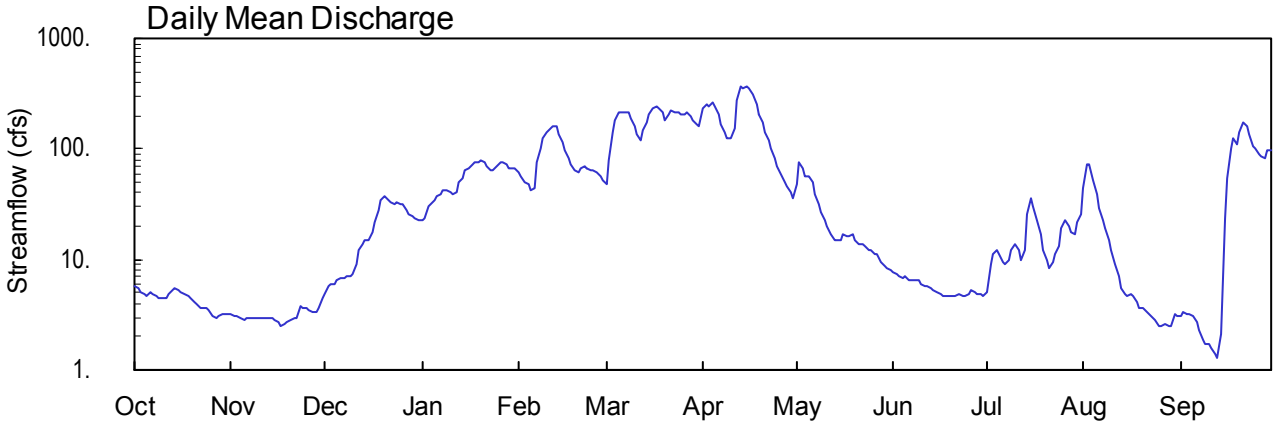
APALACHICOLA RIVER BASIN

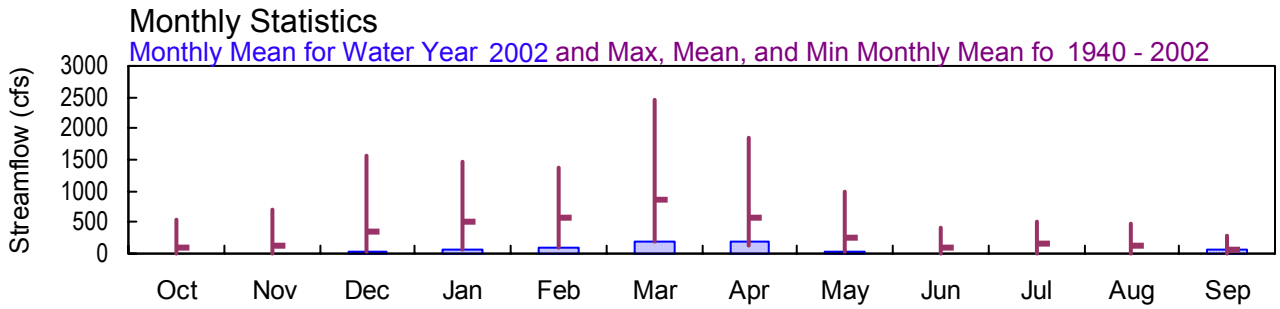
2002 Water Year

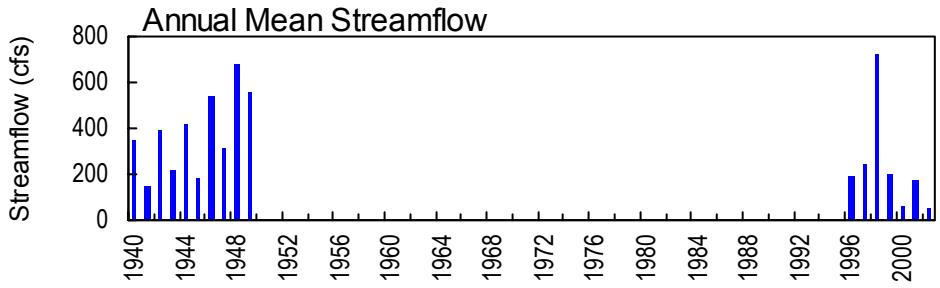
02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA

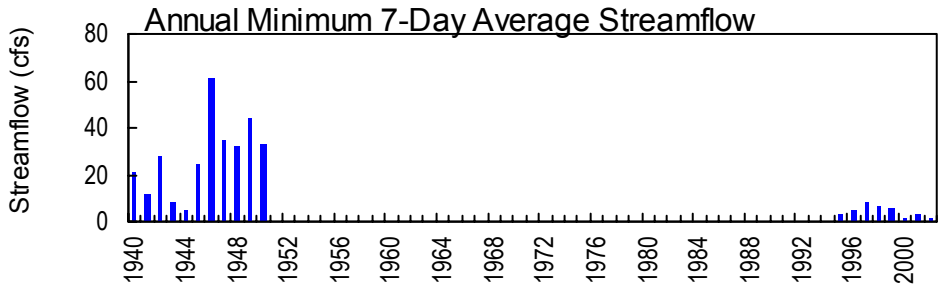
Latitude: 31°21'02" Longitude: 84°28'57" Hydrologic Unit Code: 03130009 Baker County

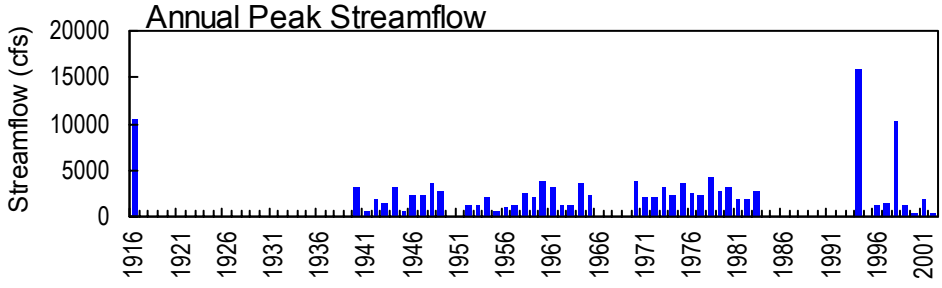
Drainage Area: 320. mi^2 Datum: 137.73 feet











NO PHOTOS AVAILABLE FOR THIS SITE

APALACHICOLA RIVER BASIN
2002 Water Year

02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA

LOCATION.—Lat 31°21'02", long 84°28'57" referenced to North American Datum (NAD) of 1927, Baker County, Hydrologic Unit 03130009, at bridge on GA 37 at Elmodel, 2.0 miles upstream from confluence with Ichawaynochaway Creek.

DRAINAGE AREA.—320 mi^2.

COOPERATION.—Albany-Dougherty Planning Commission.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1939 to December 1949, water years 1952-65 and 1970-83 (annual maximum), July 1995 to current year.

GAGE.—Water-stage recorder. Datum of gage is 137.7 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by the Georgia Department of Transportation). From October 1, 1939 to October 30, 1941, a non-recording gage was located at site approximately 100 feet upstream at present datum. From October 31, 1941 to December 31, 1949, a recording gage was located at present datum. From September 25, 1951 to September 1965 and October 1970 to September 1983, a non-recording gage was located at site 100 feet upstream and present datum.

REMARKS.—Records good. Discharge during growing season affected by undetermined amount of irrigation withdrawal.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of July 8, 1994 reached a stage of 20.0 feet, discharge 16,000 ft^3/s from rating curve extended above 9,400 ft^3/s. Minimum discharge observed 1.2 ft^3/s, October 21, 1954.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr.13	1030	396*	2.39*

No other peaks greater than base discharge

02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1939 to December 1949, water years 1952-65 and 1970-83 (annual maximum), July 1995 to current year.

GAGE.—Water-stage recorder. Datum of gage is 137.7 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by the Georgia Department of Transportation). From October 1, 1939 to October 30, 1941, a non-recording gage was located at site approximately 100 feet upstream at present datum. From October 31, 1941 to December 31, 1949, a recording gage was located at present datum. From September 25, 1951 to September 1965 and October 1970 to September 1983, a non-recording gage was located at site 100 feet upstream and present datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 2.39 feet, April 13; minimum gage-height recorded, –0.39 feet, September 12-14.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 312102 LONGITUDE 0842857 NAD27 DRAINAGE AREA 320.00* CONTRIBUTING DRAINAGE AREA DATUM 137.73 NGVD29
Date Processed: 2003-03-10 13:21 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.8	3.2	4.9	23	62	48	231	48	7.7	5.0	45	3.1
2	5.5	3.1	5.7	24	56	80	256	75	7.4	9.1	74	3.3
3	5.1	3.1	6.0	30	51	139	245	66	7.0	11	73	3.2
4	4.9	3.0	6.0	31	47	184	260	57	6.8	12	53	3.2
5	4.7	2.8	6.4	34	43	212	243	56	7.1	11	39	3.1
6	5.0	2.9	6.7	37	44	213	205	49	6.6	9.4	29	2.7
7	4.9	2.9	6.9	39	75	214	169	39	6.6	8.9	23	2.3
8	4.6	3.0	7.0	42	103	214	144	32	6.6	10	19	1.9
9	4.5	3.0	7.0	42	126	189	124	27	6.5	12	15	1.7
10	4.5	2.9	7.4	40	140	157	125	23	6.0	14	12	1.7
11	4.5	3.0	8.9	39	152	133	155	20	5.8	12	9.1	1.6
12	4.9	3.0	12	40	161	122	270	17	5.7	10	7.0	1.4
13	5.3	3.0	14	50	158	145	373	15	5.4	12	5.6	1.3
14	5.5	3.0	15	55	137	173	360	15	5.2	26	4.9	2.1
15	5.2	2.8	15	65	114	208	366	15	5.0	36	4.6	24
16	5.0	2.7	18	67	98	232	351	17	4.8	30	4.9	55
17	4.8	2.5	22	73	84	243	308	16	4.7	23	4.7	102
18	4.6	2.6	28	76	74	237	253	16	4.7	17	4.1	126
19	4.4	2.7	34	75	65	212	208	17	4.7	12	3.7	109
20	4.2	2.8	37	78	61	185	172	15	4.6	10	3.6	141
21	3.9	2.9	36	75	68	206	144	14	4.6	8.5	3.3	172
22	3.7	2.9	33	69	69	219	120	14	4.8	9.6	3.2	157
23	3.6	3.8	32	65	68	216	101	13	4.7	11	3.0	133
24	3.6	3.6	33	64	65	212	84	12	4.7	13	2.8	106
25	3.5	3.6	32	70	65	207	70	12	4.9	19	2.5	103
26	3.1	3.5	31	76	62	203	59	11	5.3	23	2.5	89
27	3.0	3.4	28	77	57	214	50	11	5.0	20	2.6	85
28	3.1	3.4	26	73	52	201	46	9.5	4.9	18	2.5	83
29	3.2	3.6	25	67	---	178	40	8.8	4.8	17	2.5	96
30	3.2	4.5	24	66	---	165	36	8.4	4.7	22	3.2	97
31	3.2	---	23	66	---	161	---	8.0	---	26	3.1	---
TOTAL	135.0	93.2	590.9	1728	2357	5722	5568	756.7	167.3	477.5	465.4	1710.6
MEAN	4.35	3.11	19.1	55.7	84.2	185	186	24.4	5.58	15.4	15.0	57.0
MAX	5.8	4.5	37	78	161	243	373	75	7.7	36	74	172
MIN	3.0	2.5	4.9	23	43	48	36	8.0	4.6	5.0	2.5	1.3
CFSM	0.01	0.01	0.06	0.17	0.26	0.58	0.58	0.08	0.02	0.05	0.05	0.18
IN.	0.02	0.01	0.07	0.20	0.27	0.67	0.65	0.09	0.02	0.06	0.05	0.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2002, BY WATER YEAR (WY)

MEAN	110	135	345	506	583	846	567	247	109	153	133	78.3
MAX	540	714	1571	1479	1370	2470	1848	1004	401	507	472	275
(WY)	1949	1948	1998	1998	1998	1998	1944	1946	1946	1940	1946	1945
MIN	3.96	3.48	19.1	55.7	84.2	185	125	16.1	2.55	2.29	2.00	3.84
(WY)	2001	2002	2002	2002	2002	2002	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1940 - 2002	
ANNUAL TOTAL	62602.6		19784.9			
ANNUAL MEAN	172		54.2		320	
HIGHEST ANNUAL MEAN					723	1998
LOWEST ANNUAL MEAN					54.2	2002
HIGHEST DAILY MEAN	1780	Mar 24	373	Apr 13	9850	Mar 11 1998
LOWEST DAILY MEAN	3.1	Nov 17	1.5	Sep 13	1.3	Aug 23 2000
ANNUAL SEVEN-DAY MINIMUM	3.2	Nov 15	1.7	Sep 7	1.4	Aug 23 2000
MAXIMUM PEAK FLOW			396	Apr 13	10400	Mar 11 1998
MAXIMUM PEAK STAGE			2.39	Apr 13	17.09	Mar 11 1998
INSTANTANEOUS LOW FLOW			1.2	Sep 12	1.2	Sep 12 2002
ANNUAL RUNOFF (CFSM)	0.54		0.17		1.000	
ANNUAL RUNOFF (INCHES)	7.28		2.30		13.59	
10 PERCENT EXCEEDS	488		172		890	
50 PERCENT EXCEEDS	39		17		130	
90 PERCENT EXCEEDS	3.8		3.3		9.3	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 312102 LONGITUDE 0842857 NAD27 DRAINAGE AREA 320.00* CONTRIBUTING DRAINAGE AREA DATUM 137.73 NGVD29
Date Processed: 2003-03-10 13:21 By acday
APPROVED
DD #2

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.24	-0.31	-0.26	0.02	0.33	0.24	1.41	0.22	-0.24	-0.30	0.21	-0.32
2	-0.25	-0.31	-0.24	0.03	0.29	0.43	1.58	0.41	-0.24	-0.21	0.40	-0.32
3	-0.26	-0.31	-0.23	0.09	0.26	0.80	1.51	0.36	-0.25	-0.16	0.39	-0.32
4	-0.26	-0.32	-0.23	0.10	0.23	1.11	1.60	0.30	-0.26	-0.15	0.27	-0.32
5	-0.27	-0.32	-0.23	0.13	0.20	1.29	1.50	0.29	-0.25	-0.18	0.16	-0.32
6	-0.26	-0.32	-0.23	0.15	0.21	1.30	1.25	0.24	-0.26	-0.20	0.07	-0.34
7	-0.26	-0.32	-0.22	0.17	0.41	1.31	1.00	0.16	-0.26	-0.21	0.0	-0.35
8	-0.27	-0.32	-0.22	0.19	0.57	1.31	0.83	0.10	-0.26	-0.19	-0.04	-0.36
9	-0.27	-0.32	-0.22	0.19	0.71	1.14	0.70	0.04	-0.26	-0.15	-0.09	-0.37
10	-0.27	-0.32	-0.21	0.17	0.80	0.92	0.71	0.00	-0.27	-0.11	-0.13	-0.37
11	-0.28	-0.32	-0.18	0.17	0.88	0.76	0.91	-0.04	-0.28	-0.14	-0.18	-0.38
12	-0.26	-0.32	-0.12	0.18	0.95	0.69	1.66	-0.07	-0.28	-0.19	-0.22	-0.38
13	-0.25	-0.32	-0.10	0.25	0.93	0.83	2.26	-0.10	-0.29	-0.16	-0.25	-0.39
14	-0.25	-0.32	-0.08	0.28	0.78	1.03	2.19	-0.10	-0.29	0.04	-0.27	-0.36
15	-0.25	-0.32	-0.08	0.35	0.64	1.27	2.23	-0.10	-0.30	0.13	-0.28	0.01
16	-0.26	-0.33	-0.04	0.36	0.54	1.43	2.14	-0.08	-0.31	0.08	-0.27	0.29
17	-0.27	-0.33	0.01	0.39	0.46	1.50	1.89	-0.09	-0.31	0.00	-0.28	0.56
18	-0.27	-0.33	0.07	0.41	0.40	1.46	1.56	-0.09	-0.31	-0.08	-0.30	0.71
19	-0.28	-0.32	0.13	0.41	0.35	1.30	1.27	-0.08	-0.31	-0.14	-0.31	0.61
20	-0.28	-0.32	0.15	0.42	0.33	1.12	1.02	-0.10	-0.31	-0.19	-0.31	0.81
21	-0.29	-0.32	0.14	0.40	0.37	1.25	0.83	-0.11	-0.31	-0.22	-0.32	1.02
22	-0.30	-0.32	0.12	0.37	0.37	1.34	0.67	-0.12	-0.31	-0.20	-0.32	0.92
23	-0.30	-0.30	0.11	0.35	0.36	1.32	0.56	-0.13	-0.31	-0.17	-0.33	0.75
24	-0.30	-0.30	0.12	0.34	0.35	1.29	0.46	-0.14	-0.31	-0.13	-0.33	0.59
25	-0.30	-0.30	0.11	0.38	0.35	1.26	0.38	-0.15	-0.30	-0.05	-0.34	0.57
26	-0.31	-0.30	0.10	0.41	0.33	1.24	0.31	-0.17	-0.29	0.00	-0.34	0.49
27	-0.32	-0.30	0.07	0.42	0.30	1.31	0.25	-0.18	-0.30	-0.03	-0.34	0.47
28	-0.31	-0.30	0.05	0.39	0.27	1.22	0.21	-0.20	-0.30	-0.06	-0.34	0.45
29	-0.31	-0.30	0.04	0.36	---	1.07	0.16	-0.21	-0.31	-0.08	-0.34	0.53
30	-0.31	-0.28	0.03	0.36	---	0.98	0.13	-0.22	-0.31	0.0	-0.32	0.54
31	-0.31	---	0.02	0.35	---	0.95	---	-0.23	---	0.03	-0.32	---
MEAN	-0.28	-0.31	-0.05	0.28	0.46	1.11	1.11	-0.02	-0.29	-0.11	-0.16	0.15
MAX	-0.24	-0.28	0.15	0.42	0.95	1.50	2.26	0.41	-0.24	0.13	0.40	1.02
MIN	-0.32	-0.33	-0.26	0.02	0.20	0.24	0.13	-0.23	-0.31	-0.30	-0.34	-0.39

APALACHICOLA RIVER BASIN
2002 Water Year

02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA

LOCATION.—Lat 31°21'02", long 84°28'57" referenced to North American Datum (NAD) of 1927, Baker County, Hydrologic Unit 03130009, at bridge on GA 37 at Elmodel, 2.0 miles upstream from confluence with Ichawaynochaway Creek.

DRAINAGE AREA.—320 mi^2.

REMARKS.— Datum of gage is 137.7 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by the Georgia Department of Transportation).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	WATER, PRESENT BIO TIS DRY WGT REC PERCENT (49273)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)
MAY													
14...	1730	1028	80020	--	--	--	81	--	7.2	--	7.8	248	23.3
JUN													
03...	1130	1028	85550	-.25	7.1	70	--	760	6.7	82	7.7	265	25.1
03...	1135	1028	1028	-.25	7.1	8010	--	--	--	--	--	--	--

Date	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MERCURY METHYL, WATER, FLTRD REC, (NG/L) (50285)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY										
14...	--	--	3.1	--	--	--	--	--	15.00	--
JUN										
03...	1.6	1.9	--	.12r	85	1.0	.02	--	15.00	3070
03...	--	--	--	--	--	--	--	97	15.00	8010

Value qualifier codes used in this report:
r -- Value verified by rerun, same method

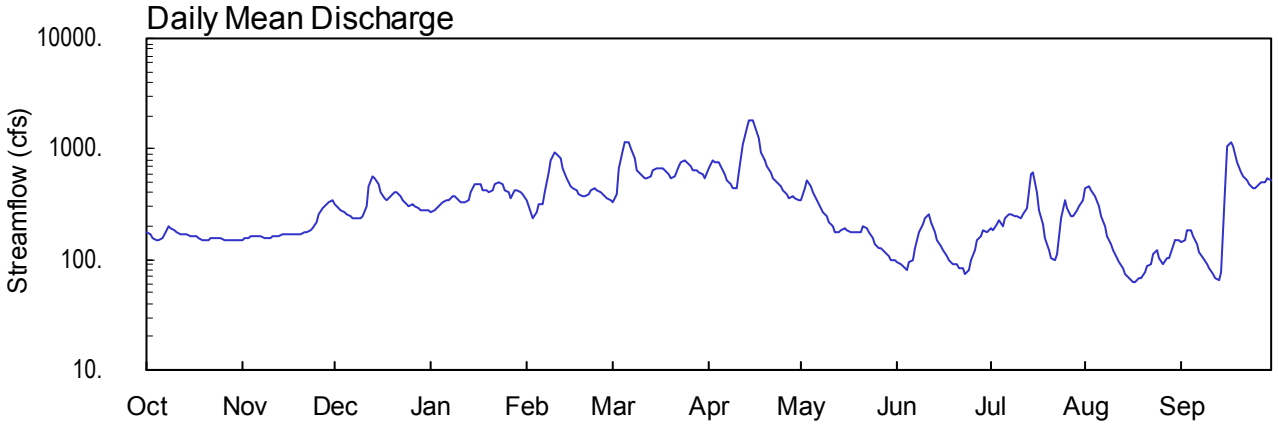
APALACHICOLA RIVER BASIN

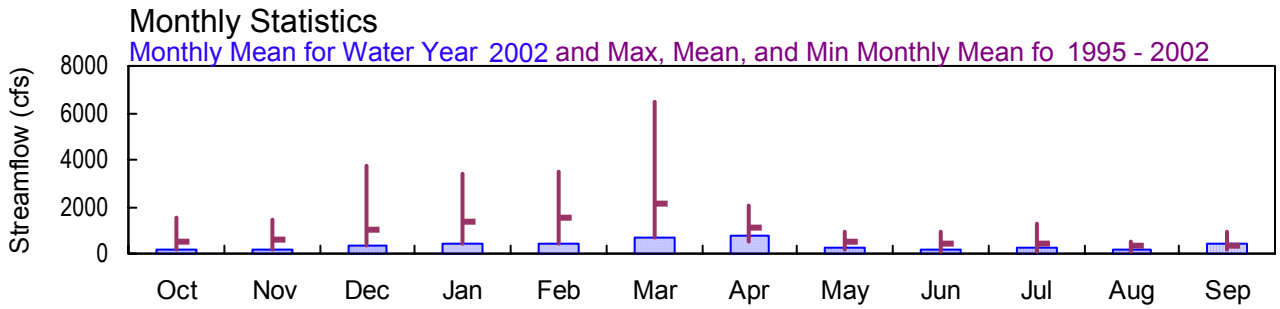
2002 Water Year

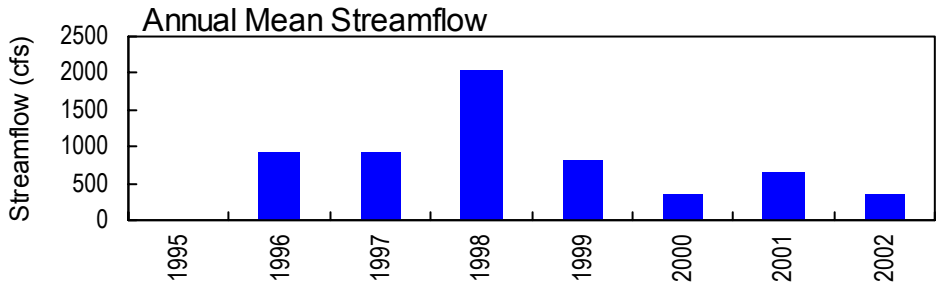
02354800 ICHAWAYNOCHAWAY CREEK NEAR ELMODEL, GA

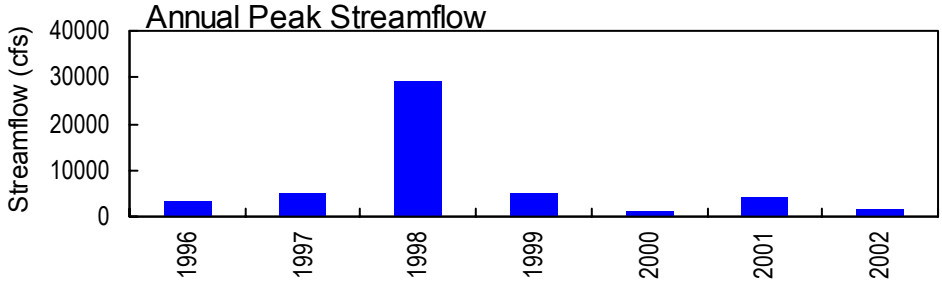
Latitude: 31°17'42" Longitude: 84°29'17" Hydrologic Unit Code: 03130009 Baker County

Drainage Area: 1,000. mi^2 Datum: 140.00 feet









02354800 Ichawaynochaway Creek near Elmodel, GA

APALACHICOLA RIVER BASIN
2002 Water Year

02354800 ICHAWAYNOCHAWAY CREEK NEAR ELMODEL, GA

LOCATION.—Lat 31°17'42", long 84°29'17" referenced to North American Datum (NAD) of 1927, Baker County, Hydrologic Unit 0313009, on right bank 50 feet below sampling dock, approximately 0.6 miles downstream of old dam site, 1.6 miles north of GA 200, 9.0 miles west-southwest of Newton, and 3.7 miles south of Elmodel.

DRAINAGE AREA.—1,000 mi^2, approximately.

COOPERATION.—Albany-Dougherty Planning Commission.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1995 to current year.

GAGE.—Water-stage recorder. Datum of gage is 140 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good. Discharge during growing season affected by undetermined amount of irrigation withdrawal. Moderate diurnal fluctuation occurs at low flow.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base of 3,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Apr. 14	2200	1,800*	7.66*

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1995 to current year.

GAGE.—Water-stage recorder. Datum of gage is 140 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded 7.66 feet, April 14; minimum gage-height recorded 3.13 feet, August 16-17.

STATION NUMBER 02354800 ICHAWAYNOCHAWAY CREEK NEAR ELMODEL, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 311742 LONGITUDE 0842917 NAD27 DRAINAGE AREA 1000.* CONTRIBUTING DRAINAGE AREA DATUM 140.00 NGVD29
Date Processed: 2003-03-10 13:23 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	176	151	320	271	349	331	675	346	95	190	447	145
2	168	156	292	277	301	383	790	444	90	184	463	152
3	153	159	283	286	240	664	765	514	88	207	431	185
4	147	161	270	315	266	967	755	457	81	223	379	185
5	147	162	256	334	316	1140	692	406	96	204	307	164
6	153	162	247	339	320	1150	595	343	98	234	243	136
7	172	160	241	344	405	997	519	292	125	258	197	116
8	197	157	239	373	625	830	470	265	173	258	163	101
9	194	156	239	370	797	651	441	242	205	250	139	90
10	182	157	243	346	930	579	447	218	239	249	120	83
11	173	160	302	325	905	552	619	198	257	235	103	74
12	170	162	466	324	834	533	1090	179	215	256	93	67
13	167	163	557	342	671	565	1560	177	180	297	83	64
14	166	166	543	409	532	635	1780	182	150	596	73	77
15	163	167	477	473	468	678	1780	189	133	609	68	442
16	163	166	410	481	435	675	1610	184	120	410	62	1060
17	161	167	363	476	415	656	1230	179	105	279	63	1170
18	157	170	345	430	397	631	938	180	98	211	68	1040
19	152	170	366	432	379	588	788	176	91	157	67	745
20	152	170	405	412	370	548	689	177	90	121	78	606
21	152	173	399	425	383	575	609	198	84	103	86	573
22	154	174	369	478	420	697	540	190	83	97	90	519
23	156	184	337	503	436	772	495	174	75	110	113	470
24	157	189	316	470	422	787	452	157	81	236	120	433
25	156	221	308	424	401	750	416	140	100	341	103	439
26	150	262	314	411	381	702	384	128	122	287	90	484
27	150	289	308	364	359	651	360	126	147	250	104	490
28	148	313	295	418	345	635	374	115	162	250	102	507
29	148	330	283	420	---	607	358	105	181	280	134	548
30	148	338	279	400	---	580	337	100	178	304	151	520
31	149	---	275	382	---	549	---	99	---	348	148	---
TOTAL	4981	5715	10347	12054	13102	21058	22558	6880	3942	8034	4888	11685
MEAN	161	190	334	389	468	679	752	222	131	259	158	390
MAX	197	338	557	503	930	1150	1780	514	257	609	463	1170
MIN	147	151	239	271	240	331	337	99	75	97	62	64
CFSM	0.16	0.19	0.33	0.39	0.47	0.68	0.75	0.22	0.13	0.26	0.16	0.39
IN.	0.19	0.21	0.38	0.45	0.49	0.78	0.84	0.26	0.15	0.30	0.18	0.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2002, BY WATER YEAR (WY)

MEAN	541	605	1054	1347	1558	2099	1141	525	437	433	302	375
MAX	1565	1452	3785	3413	3496	6498	2063	932	900	1254	521	924
(WY)	1999	1998	1998	1998	1998	1998	1998	1998	1995	1999	1998	1998
MIN	149	190	334	389	468	679	532	150	56.1	108	79.0	194
(WY)	2001	2002	2002	2002	2002	2002	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1995 - 2002	
ANNUAL TOTAL	229497		125244			
ANNUAL MEAN	629		343		860	
HIGHEST ANNUAL MEAN					2029	1998
LOWEST ANNUAL MEAN					343	2002
HIGHEST DAILY MEAN	4330	Mar 23	1780	Apr 14	28000	Mar 10 1998
LOWEST DAILY MEAN	92	Aug 27	62	Aug 16	24	Aug 23 2000
ANNUAL SEVEN-DAY MINIMUM	108	Aug 25	68	Aug 14	30	Aug 28 2000
MAXIMUM PEAK FLOW			1800	Apr 14	29200	Mar 10 1998
MAXIMUM PEAK STAGE			7.66	Apr 14	31.19	Mar 10 1998
INSTANTANEOUS LOW FLOW			61	Aug 16	23	Aug 23 2000
ANNUAL RUNOFF (CFSM)	0.63		0.34		0.86	
ANNUAL RUNOFF (INCHES)	8.54		4.66		11.68	
10 PERCENT EXCEEDS	1520		659		2040	
50 PERCENT EXCEEDS	363		275		488	
90 PERCENT EXCEEDS	152		102		150	

STATION NUMBER 02354800 ICHAWAYNOCHAWAY CREEK NEAR ELMODEL, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 311742 LONGITUDE 0842917 NAD27 DRAINAGE AREA 1000.* CONTRIBUTING DRAINAGE AREA DATUM 140.00 NGVD29
Date Processed: 2003-03-14 15:48 By bemccall
APPROVED
DD #1

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.75	3.64	4.30	4.14	4.38	4.33	5.32	4.38	3.33	3.81	4.69	3.61
2	3.71	3.65	4.21	4.16	4.22	4.49	5.59	4.68	3.31	3.79	4.74	3.64
3	3.64	3.67	4.18	4.19	4.00	5.28	5.53	4.90	3.30	3.89	4.64	3.79
4	3.61	3.68	4.13	4.29	4.10	5.97	5.51	4.73	3.26	3.95	4.47	3.79
5	3.61	3.68	4.08	4.34	4.29	6.30	5.37	4.56	3.34	3.88	4.26	3.69
6	3.64	3.69	4.05	4.36	4.30	6.33	5.12	4.37	3.35	4.00	4.03	3.56
7	3.73	3.67	4.02	4.37	4.56	6.03	4.91	4.21	3.50	4.09	3.85	3.46
8	3.84	3.66	4.02	4.46	5.20	5.68	4.77	4.11	3.73	4.09	3.69	3.37
9	3.83	3.66	4.01	4.44	5.61	5.27	4.67	4.03	3.88	4.06	3.57	3.31
10	3.78	3.66	4.03	4.38	5.90	5.08	4.69	3.93	4.02	4.05	3.48	3.26
11	3.74	3.68	4.23	4.32	5.85	5.01	5.17	3.85	4.08	4.00	3.38	3.21
12	3.72	3.68	4.75	4.31	5.69	4.96	6.22	3.77	3.92	4.08	3.32	3.17
13	3.70	3.69	5.02	4.36	5.31	5.04	7.14	3.75	3.77	4.20	3.27	3.15
14	3.70	3.70	4.98	4.57	4.95	5.23	7.62	3.78	3.63	5.13	3.20	3.22
15	3.69	3.71	4.79	4.78	4.76	5.33	7.62	3.81	3.54	5.16	3.17	4.62
16	3.69	3.70	4.57	4.80	4.65	5.33	7.25	3.78	3.47	4.57	3.14	6.15
17	3.68	3.71	4.43	4.78	4.59	5.28	6.47	3.76	3.39	4.16	3.14	6.36
18	3.66	3.72	4.38	4.64	4.52	5.22	5.91	3.77	3.35	3.90	3.17	6.11
19	3.64	3.72	4.43	4.64	4.47	5.11	5.59	3.75	3.31	3.66	3.17	5.48
20	3.64	3.72	4.55	4.58	4.45	5.00	5.36	3.75	3.31	3.48	3.23	5.14
21	3.64	3.73	4.53	4.62	4.48	5.07	5.16	3.85	3.27	3.38	3.28	5.05
22	3.65	3.74	4.44	4.79	4.60	5.38	4.97	3.81	3.26	3.35	3.31	4.89
23	3.65	3.79	4.35	4.87	4.66	5.55	4.84	3.74	3.22	3.42	3.44	4.74
24	3.66	3.81	4.29	4.77	4.61	5.59	4.71	3.66	3.25	4.00	3.47	4.61
25	3.65	3.94	4.26	4.62	4.54	5.50	4.59	3.58	3.36	4.36	3.38	4.63
26	3.63	4.10	4.28	4.58	4.48	5.39	4.49	3.52	3.49	4.19	3.31	4.78
27	3.63	4.20	4.26	4.43	4.42	5.27	4.42	3.51	3.61	4.06	3.38	4.80
28	3.62	4.28	4.22	4.60	4.38	5.23	4.46	3.45	3.68	4.06	3.38	4.85
29	3.62	4.33	4.18	4.60	---	5.16	4.41	3.39	3.77	4.17	3.54	4.98
30	3.62	4.35	4.16	4.54	---	5.08	4.35	3.36	3.76	4.25	3.63	4.89
31	3.63	---	4.15	4.48	---	5.00	---	3.36	---	4.38	3.62	---
MEAN	3.68	3.80	4.33	4.51	4.71	5.31	5.41	3.90	3.52	4.05	3.59	4.34
MAX	3.84	4.35	5.02	4.87	5.90	6.33	7.62	4.90	4.08	5.16	4.74	6.36
MIN	3.61	3.64	4.01	4.14	4.00	4.33	4.35	3.36	3.22	3.35	3.14	3.15

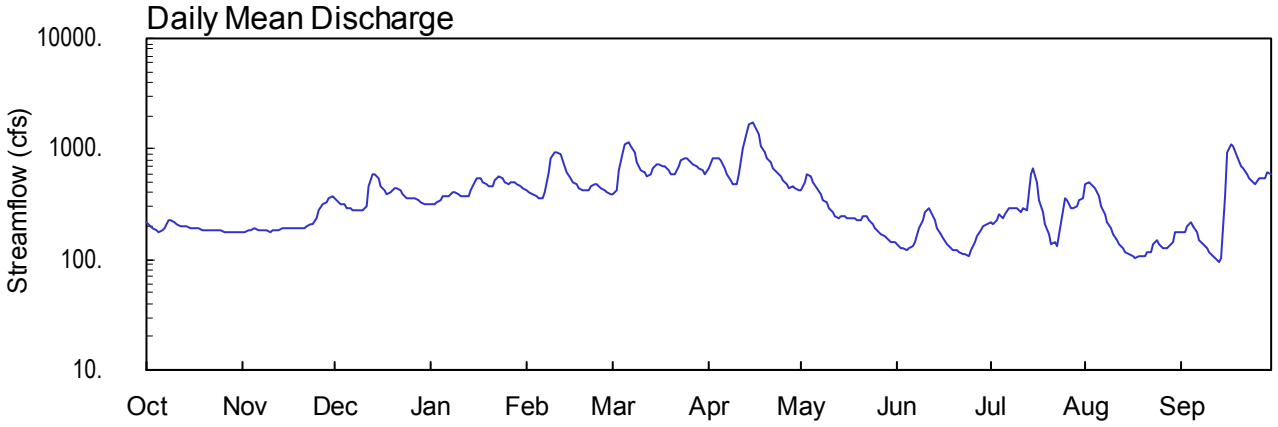
APALACHICOLA RIVER BASIN

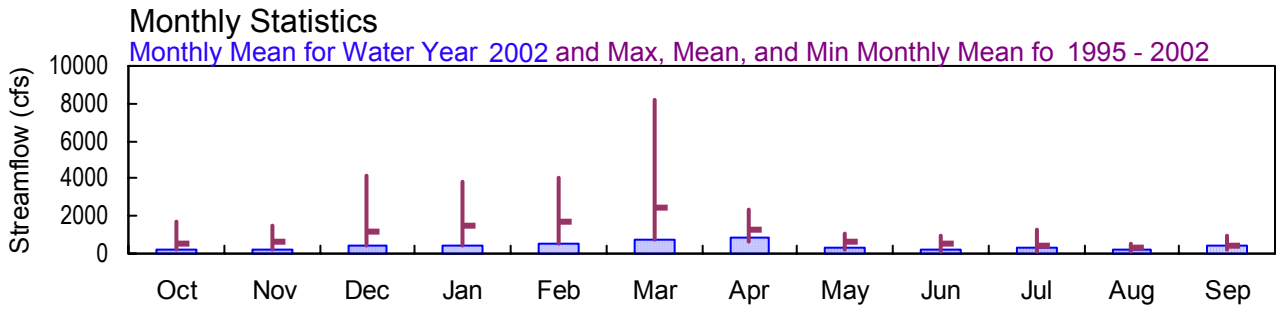
2002 Water Year

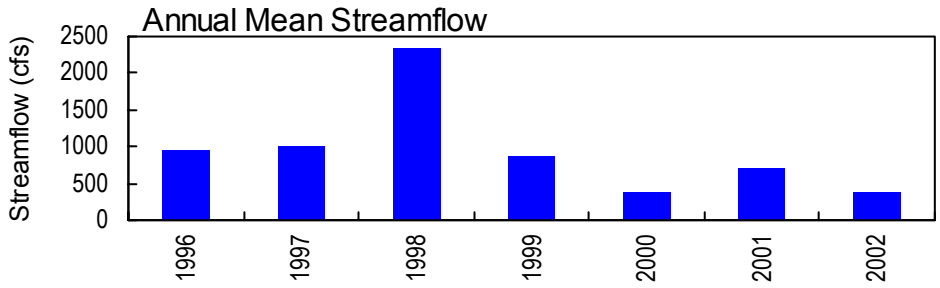
02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA

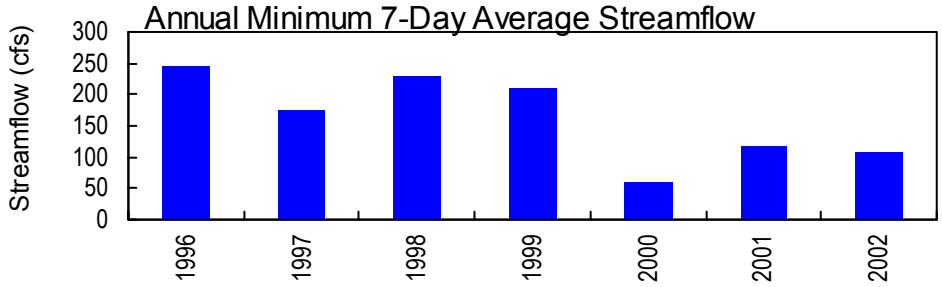
Latitude: 31°12'48" Longitude: 84°28'24" Hydrologic Unit Code: 03130009 Baker County

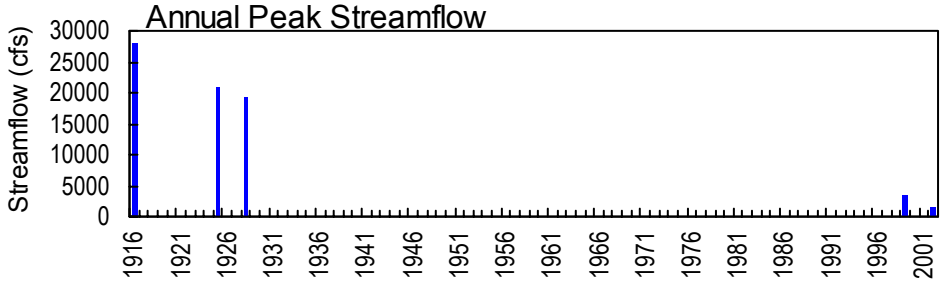
Drainage Area: 1,040. mi^2 Datum: 98.67 feet











02355350 Ichawaynochaway Creek below Newton, GA

APALACHICOLA RIVER BASIN
2002 Water Year

02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA

LOCATION.--Lat 31°12'48", long 84°28'24" referenced to North American Datum (NAD) of 1927, Baker County, Hydrologic Unit 03130009, on right bank 75.0 feet below steel truss bridge, approximately 1600 feet upstream from bridge on GA 91, 11.0 miles southwest of Newton.

DRAINAGE AREA.—1,040 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1920 to June 1921 (discharge measurements and fragmentary gage-height record); October 1937 to September 1947 (published as 02355000 Ichawaynochaway Creek "near Newton"), monthly discharge only for April to September 1939 published in WSP 1301; April 1995 to current year.

GAGE.--Water-stage recorder. Datum of gage is 98.67 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 9, 1920 to June 30, 1921, a non-recording gage was located at site 5.0 miles upstream at datum 15.1 feet higher. From August 10, 1937 to April 1, 1939, a non-recording gage located at present site and approximately same datum. From September 21, 1939 to November 24, 1941, a non-recording gage was located at site 5.0 miles upstream at datum 15.1 feet higher. From November 25, 1941 to September 30 1947, a recording gage was located at site 5.0 miles upstream at datum 15.1 feet higher.

REMARKS.--Records good. Discharges during growing season affected by undetermined amount of irrigation withdrawal. Moderate diurnal fluctuation occurs at low flow.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since 1916, 36.50 feet, July 9, 1994, in backwater from the Flint River.

02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1920 to June 1921 (discharge measurements and fragmentary gage-height record); October 1937 to September 1947 (published as 02355000 Ichawaynochaway Creek "near Newton"), monthly discharge only for April to September 1939 published in WSP 1301; April 1995 to current year.

GAGE.--Water-stage recorder. Datum of gage is 98.67 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 9, 1920 to June 30, 1921, a non-recording gage was located at site 5.0 miles upstream at datum 15.1 feet higher. From August 10, 1937 to April 1, 1939, a non-recording gage located at present site and approximately same datum. From September 21, 1939 to November 24, 1941, a non-recording gage was located at site 5.0 miles upstream at datum 15.1 feet higher. From November 25, 1941 to September 30 1947, a recording gage was located at site 5.0 miles upstream at datum 15.1 feet higher.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.05 feet, April 15; minimum gage-height recorded, 1.71 feet, September 13, 14.

STATION NUMBER 02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 311248 LONGITUDE 0842824 NAD27 DRAINAGE AREA 1040.00* CONTRIBUTING DRAINAGE AREA DATUM 98.67 NGVD29
Date Processed: 2003-03-10 13:25 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	215	177	359	314	418	382	679	422	136	213	471	175
2	204	180	333	319	400	418	839	496	129	210	497	175
3	191	185	322	323	385	647	821	596	129	229	484	202
4	181	187	311	346	376	939	819	557	121	252	434	214
5	179	188	297	371	362	1100	775	495	127	233	372	199
6	185	187	287	380	363	1150	675	435	132	255	307	174
7	195	186	280	379	413	1050	583	384	145	288	258	152
8	223	182	275	403	625	928	521	348	190	294	216	136
9	230	181	274	411	809	758	480	325	226	288	190	124
10	219	180	278	392	929	655	471	295	265	286	168	116
11	208	183	308	372	944	603	598	273	294	265	152	108
12	203	186	461	367	894	574	1030	249	266	295	137	101
13	199	186	582	377	782	594	1420	239	226	277	129	96
14	200	189	601	429	627	661	1700	243	193	586	118	102
15	193	190	538	504	544	717	1740	247	170	670	111	372
16	192	190	469	536	499	726	1630	241	156	493	106	951
17	191	189	415	532	473	706	1330	237	140	348	103	1120
18	188	191	392	494	450	684	1060	236	132	271	105	1070
19	184	192	398	477	430	641	923	231	123	208	106	867
20	183	192	435	465	421	592	831	224	122	167	108	705
21	182	194	442	463	424	601	754	246	115	140	118	660
22	183	197	416	519	456	711	673	244	114	142	117	602
23	185	208	388	556	483	804	614	226	110	132	135	543
24	186	212	365	532	473	835	562	210	107	220	149	495
25	185	240	353	496	450	809	518	193	120	351	140	482
26	179	276	355	478	430	773	479	178	143	340	125	534
27	177	310	352	497	409	712	450	171	163	293	127	544
28	176	334	342	492	395	690	454	163	186	286	134	553
29	175	355	329	473	---	660	447	151	202	307	146	604
30	175	368	322	451	---	634	425	142	205	340	176	590
31	176	---	317	433	---	602	---	143	---	365	177	---
TOTAL	5942	6415	11596	13581	14664	22356	24301	8840	4887	9044	6116	12766
MEAN	192	214	374	438	524	721	810	285	163	292	197	426
MAX	230	368	601	556	944	1150	1740	596	294	670	497	1120
MIN	175	177	274	314	362	382	425	142	107	132	103	96
CFSM	0.18	0.21	0.36	0.42	0.50	0.69	0.78	0.27	0.16	0.28	0.19	0.41
IN.	0.21	0.23	0.41	0.49	0.52	0.80	0.87	0.32	0.17	0.32	0.22	0.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2002, BY WATER YEAR (WY)

MEAN	580	642	1143	1448	1699	2416	1266	595	484	471	338	403
MAX	1668	1505	4200	3868	4024	8180	2381	1019	926	1292	561	943
(WY)	1999	1998	1998	1998	1998	1998	1998	1998	1995	1999	1998	1998
MIN	176	214	374	438	524	721	609	200	86.2	131	105	221
(WY)	2001	2002	2002	2002	2002	2002	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1995 - 2002	
ANNUAL TOTAL	250939		140508			
ANNUAL MEAN	688		385		949	
HIGHEST ANNUAL MEAN					2339	1998
LOWEST ANNUAL MEAN					384	2000
HIGHEST DAILY MEAN	4560	Mar 24	1740	Apr 15	31000	Mar 11 1998
LOWEST DAILY MEAN	107	Aug 28	96	Sep 13	59	Aug 24 2000
ANNUAL SEVEN-DAY MINIMUM	118	Aug 25	108	Aug 14	62	Aug 28 2000
MAXIMUM PEAK FLOW			1750	Apr 15	1180	Apr 3 2000
MAXIMUM PEAK STAGE			6.05	Apr 15	33.30	Mar 11 1998
INSTANTANEOUS LOW FLOW			96	Sep 13	58	Aug 24 2000
ANNUAL RUNOFF (CFSM)	0.66		0.37		0.91	
ANNUAL RUNOFF (INCHES)	8.98		5.03		12.40	
10 PERCENT EXCEEDS	1580		711		2180	
50 PERCENT EXCEEDS	434		317		544	
90 PERCENT EXCEEDS	180		137		182	

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 007
LATITUDE 311248 LONGITUDE 0842824 NAD27 DRAINAGE AREA 1040.00* CONTRIBUTING DRAINAGE AREA DATUM 98.67 NGVD29
Date Processed: 2003-03-10 13:25 By acday
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.33	2.17	2.87	2.71	3.06	2.94	3.87	3.07	1.97	2.33	3.22	2.14
2	2.29	2.19	2.78	2.73	3.00	3.06	4.22	3.29	1.93	2.32	3.30	2.14
3	2.23	2.21	2.74	2.75	2.95	3.68	4.18	3.57	1.93	2.39	3.26	2.26
4	2.19	2.22	2.71	2.83	2.92	4.40	4.18	3.46	1.89	2.48	3.11	2.32
5	2.18	2.22	2.66	2.91	2.88	4.75	4.08	3.29	1.92	2.41	2.91	2.25
6	2.20	2.21	2.62	2.94	2.88	4.86	3.86	3.11	1.95	2.50	2.69	2.14
7	2.25	2.21	2.59	2.93	3.04	4.65	3.66	2.95	2.01	2.62	2.50	2.02
8	2.37	2.19	2.57	3.01	3.63	4.39	3.50	2.83	2.23	2.64	2.33	1.94
9	2.40	2.19	2.57	3.03	4.08	4.00	3.40	2.75	2.38	2.62	2.21	1.87
10	2.35	2.19	2.58	2.97	4.37	3.79	3.37	2.65	2.53	2.61	2.11	1.83
11	2.31	2.20	2.69	2.91	4.41	3.69	3.68	2.56	2.64	2.53	2.03	1.78
12	2.29	2.21	3.19	2.89	4.29	3.63	4.62	2.47	2.54	2.65	1.94	1.74
13	2.27	2.21	3.53	2.93	4.01	3.68	5.40	2.43	2.38	2.57	1.90	1.71
14	2.27	2.23	3.58	3.09	3.64	3.83	5.96	2.45	2.24	3.53	1.84	1.74
15	2.24	2.23	3.41	3.31	3.43	3.96	6.03	2.46	2.14	3.75	1.80	2.84
16	2.24	2.23	3.21	3.41	3.30	3.97	5.82	2.44	2.07	3.28	1.77	4.41
17	2.23	2.23	3.05	3.39	3.22	3.93	5.21	2.43	1.99	2.83	1.75	4.80
18	2.22	2.24	2.98	3.29	3.16	3.88	4.68	2.42	1.95	2.56	1.77	4.69
19	2.20	2.24	2.99	3.24	3.09	3.79	4.36	2.40	1.90	2.31	1.77	4.22
20	2.20	2.24	3.11	3.20	3.07	3.68	4.13	2.38	1.89	2.12	1.78	3.83
21	2.19	2.25	3.13	3.20	3.08	3.70	3.94	2.46	1.86	1.99	1.84	3.72
22	2.20	2.26	3.05	3.36	3.18	3.94	3.76	2.45	1.85	2.00	1.84	3.58
23	2.21	2.31	2.96	3.46	3.26	4.14	3.61	2.38	1.82	1.95	1.93	3.43
24	2.21	2.33	2.89	3.40	3.23	4.21	3.48	2.32	1.80	2.34	2.01	3.29
25	2.21	2.44	2.85	3.29	3.16	4.15	3.35	2.24	1.88	2.84	1.96	3.25
26	2.18	2.58	2.86	3.24	3.09	4.07	3.24	2.17	2.01	2.80	1.88	3.40
27	2.17	2.70	2.85	3.30	3.03	3.94	3.16	2.14	2.11	2.64	1.89	3.43
28	2.17	2.78	2.81	3.28	2.98	3.90	3.17	2.11	2.21	2.61	1.93	3.45
29	2.16	2.86	2.77	3.22	---	3.84	3.15	2.05	2.28	2.69	1.99	3.59
30	2.16	2.90	2.74	3.16	---	3.77	3.08	2.00	2.30	2.80	2.15	3.55
31	2.16	---	2.73	3.10	---	3.70	---	2.00	---	2.89	2.15	---
MEAN	2.23	2.32	2.91	3.11	3.34	3.93	4.07	2.57	2.09	2.60	2.18	2.91
MAX	2.40	2.90	3.58	3.46	4.41	4.86	6.03	3.57	2.64	3.75	3.30	4.80
MIN	2.16	2.17	2.57	2.71	2.88	2.94	3.08	2.00	1.80	1.95	1.75	1.71

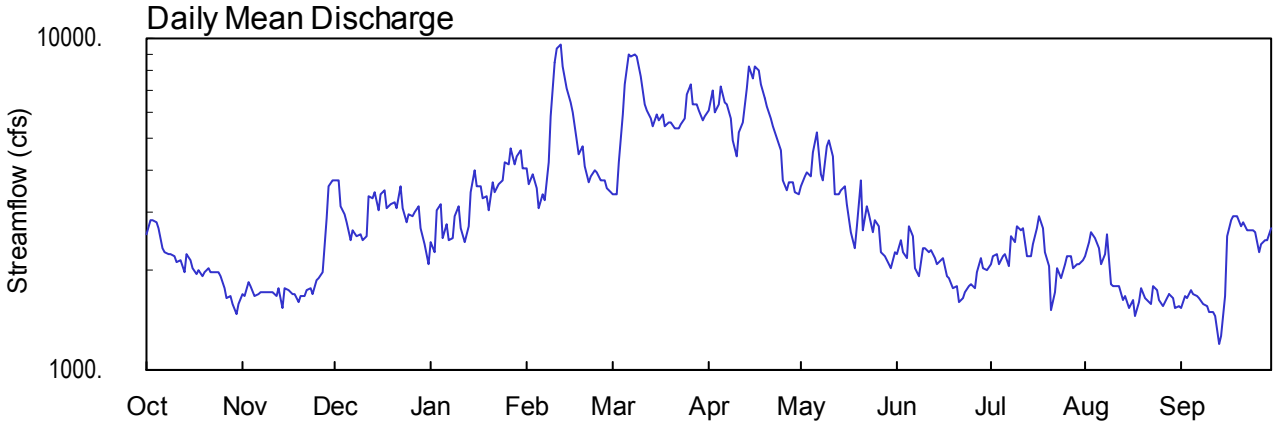
APALACHICOLA RIVER BASIN

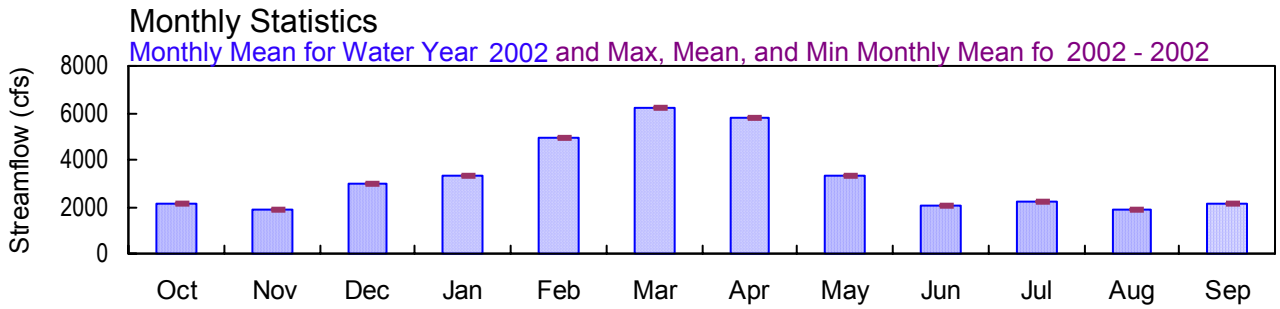
2002 Water Year

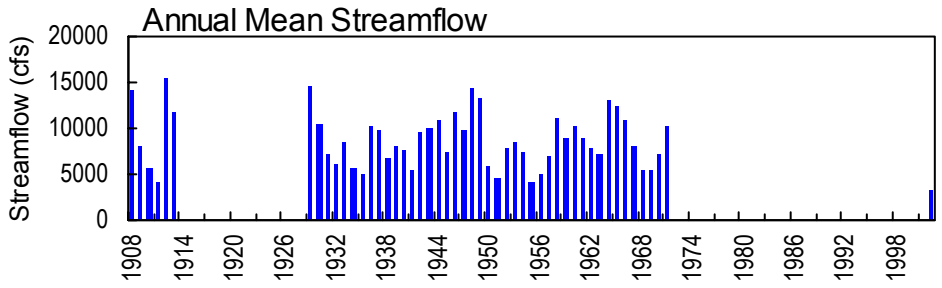
02356000 FLINT RIVER AT BAINBRIDGE, GA

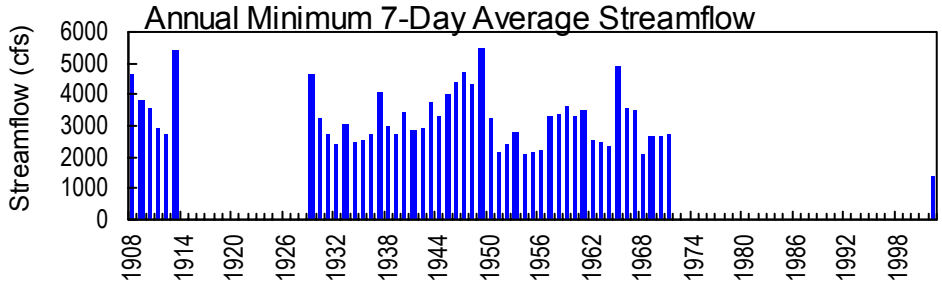
Latitude: 30°54'41" Longitude: 84°34'48" Hydrologic Unit Code: 03130008 Decatur County

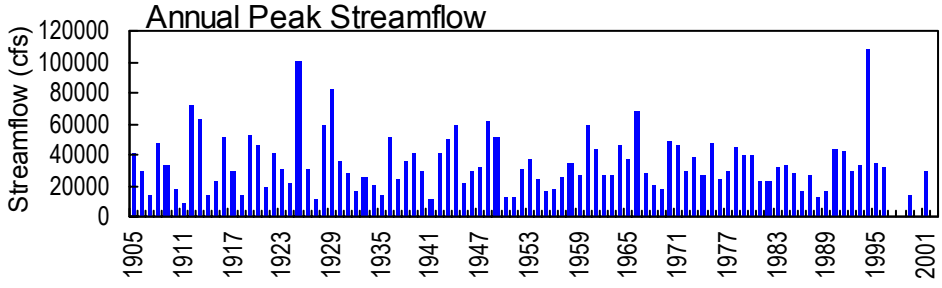
Drainage Area: 7,570. mi^2 Datum: 58.06 feet











USGS science for a changing world

NO PHOTOS AVAILABLE FOR THIS SITE

APALACHICOLA RIVER BASIN
2002 Water Year

02356000 FLINT RIVER AT BAINBRIDGE, GA

LOCATION.—Lat 30°54'41", long 84°34'48" referenced to North American Datum (NAD) of 1927, Decatur County, Hydrologic Unit 03130008, on downstream side of bridge on US 27 (Business Route), 0.2 miles downstream from Seaboard Coast Line Railroad bridge, and 29.2 miles upstream from Jim Woodruff Dam, and at mile 29.0.

DRAINAGE AREA.—7,570 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1907 to December 1913, October 1928 to September 1971, October 1971 to July 1976 (annual peaks only), October 1, 2001 to September 30, 2002.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 58.06 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to December 31, 1913, a non-recording gage was located at same site at datum 0.3 feet higher. From October 1, 1928 to January 14, 1929, a non-recording gage was located at present site and datum. An auxiliary water-stage recorder was located at a site 6.4 miles upstream January 15, 1957 to September 1971.

REMARKS.—Records fair. Flow regulated by power plants at Flint River Reservoir since 1921, with a capacity of 7,500 acre-feet; and at Warwick Reservoir since 1930, with a capacity of about 35,000 acre-feet. Normal operation of power plants does not materially affect figures of monthly runoff.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 108,000 ft^3/s July 14, 1994; gage-height, 37.20 feet; minimum daily, 1,340 ft^3/s Sept. 25, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1893, 40.9 feet, present datum, Jan. 24, 1925, discharge 101,000 ft^3/s, from rating curve extended above 70,000 ft^3/s on basis of slope-conveyance studies.

02356000 FLINT RIVER AT BAINBRIDGE, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—1904 to 1907, October 1907 to December 1913, October 1928 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 58.06 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to December 31, 1913, a non-recording gage was located at same site at datum 0.3 feet higher. From October 1, 1928 to January 14, 1929, a non-recording gage was located at present site and datum. An auxiliary water-stage recorder was located at a site 6.4 miles upstream January 15, 1957 to September 1971.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 20.11 feet, March 26; minimum gage-height recorded, 17.40 feet, June 21.

WATER VELOCITY RECORDS

PERIOD OF RECORD.—April 18, 2001 to current year.

GAGE.—Acoustic velocity meter. Data represents the average water velocity at the downstream cross-section of the bridge with positive values in the downstream direction.

REMARKS.—Records fair.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 18, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02356000 FLINT RIVER AT BAINBRIDGE, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 305441 LONGITUDE 0843448 NAD27 DRAINAGE AREA 7570.00* CONTRIBUTING DRAINAGE AREA DATUM 58.06 NGVD29
Date Processed: 2003-03-11 12:46 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2580	1700	3750	2430	4070	e3410	e6060	3570	2250	e2100	2200	1540
2	2830	1660	3730	2280	3630	3410	e7010	3830	2450	2190	2440	1670
3	2830	1850	3100	3040	3890	4230	6010	3950	2270	2240	2590	1640
4	2790	1800	2950	3150	3510	5900	6370	3830	2160	2080	2500	1750
5	2690	1670	2790	2490	3070	7230	7120	4510	2700	2190	2340	1690
6	2330	1700	2480	2740	3410	8920	6460	5240	2540	2250	2090	1660
7	2270	1720	2650	2470	3260	8850	6290	3920	2030	2060	2250	1650
8	2240	1720	2550	2500	4230	9010	5750	3710	1930	2520	2560	1570
9	2240	1720	2570	2890	5840	8810	4960	4720	2340	2440	1820	1550
10	2220	1710	2470	3100	8520	7680	4420	4900	2320	2720	1780	1490
11	2120	1710	2530	2660	9270	6310	5240	4390	2260	2650	1790	1500
12	2140	1680	3360	2420	9560	6110	5590	3400	2300	2660	1780	1460
13	1980	1760	3280	2730	8250	5750	7040	3370	2180	2200	1620	1190
14	2240	1540	3440	3440	7060	5440	8210	3500	e2080	2210	1670	1270
15	2130	1770	3050	4030	6430	5880	7610	3600	2130	2400	1540	1660
16	2020	1730	3370	3590	5960	5650	8190	3160	2160	2680	1620	2550
17	1940	1690	3480	3590	4960	5920	8060	2610	1930	2890	1460	2830
18	2000	1700	3080	3310	4450	5450	7270	2330	1880	2690	1610	2900
19	1930	1610	3150	3320	4720	5610	6590	2720	1770	2260	1760	2890
20	1980	1670	3210	3020	4100	5620	6260	3710	1780	2050	1640	2700
21	2020	1680	3080	3670	3690	5370	5730	2640	1610	1510	1630	2780
22	1960	1740	3570	3440	3830	5370	5450	3130	1640	1720	1570	2640
23	1960	1770	3070	3630	3990	5520	5020	2970	1710	2040	1790	2640
24	1960	1700	2790	3710	3970	5750	4610	2610	1800	1900	1730	2630
25	1910	1860	2970	4220	3730	6750	3740	2820	1810	2090	1630	2610
26	1760	1900	2890	4170	3740	7290	3500	2710	e1770	2190	1550	2280
27	1650	1970	3000	4680	3540	e6300	3680	2280	1970	2190	1640	2390
28	1680	2860	3110	4170	3460	e6350	3660	2200	2180	2040	1690	2460
29	1590	3560	2690	4440	---	6030	3450	2090	2020	2080	e1640	2470
30	1480	3750	2410	4590	---	5640	3370	2020	2010	2100	e1540	2670
31	1570	---	2090	4080	---	5860	---	2280	---	2140	1550	---
TOTAL	65040	56900	92660	104000	138140	191420	172720	102720	61980	69480	57020	62730
MEAN	2098	1897	2989	3355	4934	6175	5757	3314	2066	2241	1839	2091
MAX	2830	3750	3750	4680	9560	9010	8210	5240	2700	2890	2590	2900
MIN	1480	1540	2090	2280	3070	3410	3370	2020	1610	1510	1460	1190
CFSM	0.28	0.25	0.39	0.44	0.65	0.82	0.76	0.44	0.27	0.30	0.24	0.28
IN.	0.32	0.28	0.46	0.51	0.68	0.94	0.85	0.50	0.30	0.34	0.28	0.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2002, BY WATER YEAR (WY)

MEAN	2098	1897	2989	3355	4934	6175	5757	3314	2066	2241	1839	2091
MAX	2098	1897	2989	3355	4934	6175	5757	3314	2066	2241	1839	2091
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MIN	2098	1897	2989	3355	4934	6175	5757	3314	2066	2241	1839	2091
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002

SUMMARY STATISTICS FOR 2002 WATER YEAR

ANNUAL TOTAL	1174810	
ANNUAL MEAN	3219	
HIGHEST DAILY MEAN	9560	Feb 12
LOWEST DAILY MEAN	1190	Sep 13
ANNUAL SEVEN-DAY MINIMUM	1430	Sep 8
MAXIMUM PEAK FLOW	10300	Feb 12
MAXIMUM PEAK STAGE	20.11	Mar 26
ANNUAL RUNOFF (CFSM)	0.43	
ANNUAL RUNOFF (INCHES)	5.77	
10 PERCENT EXCEEDS	5910	
50 PERCENT EXCEEDS	2640	
90 PERCENT EXCEEDS	1670	

e Estimated

STATION NUMBER 02356000 FLINT RIVER AT BAINBRIDGE, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 305441 LONGITUDE 0843448 NAD27 DRAINAGE AREA 7570.00* CONTRIBUTING DRAINAGE AREA DATUM 58.06 NGVD29
Date Processed: 2003-03-11 12:46 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.30	18.12	18.50	18.09	18.69	---	19.21	18.75	18.07	17.90	18.66	18.17
2	18.38	18.05	18.40	18.18	18.74	18.79	19.42	18.77	18.08	18.08	18.69	18.12
3	18.43	18.03	18.34	18.33	18.73	18.98	19.55	18.77	18.01	18.17	18.71	18.10
4	18.48	17.95	18.34	18.32	18.65	19.15	19.62	18.78	17.88	18.22	18.72	18.07
5	18.53	17.91	18.30	18.27	18.51	19.36	19.57	18.80	17.89	18.28	18.70	18.05
6	18.60	17.89	18.22	18.47	18.51	19.55	19.48	18.93	17.94	18.32	18.71	18.00
7	18.52	17.85	18.20	18.37	18.69	19.45	19.39	19.01	17.93	18.33	18.64	17.96
8	18.43	17.82	18.13	18.37	18.99	19.44	19.37	19.16	17.91	18.36	18.60	17.88
9	18.39	17.79	18.00	18.47	19.33	19.44	19.29	19.13	18.01	18.42	18.56	17.83
10	18.34	17.80	17.93	18.50	19.68	19.21	19.17	19.14	18.00	18.48	18.49	17.82
11	18.34	17.79	17.94	18.49	19.88	18.94	19.17	19.07	18.03	18.51	18.42	17.79
12	18.32	17.79	17.96	18.47	19.86	19.05	19.19	18.91	18.02	18.53	18.32	17.72
13	18.31	17.77	18.00	18.46	19.48	19.10	19.39	18.84	17.98	18.56	18.32	17.74
14	18.40	17.95	18.09	18.50	19.13	19.14	19.73	18.72	---	18.54	18.31	17.89
15	18.26	18.11	18.09	18.61	18.77	19.28	19.87	18.63	17.89	18.46	18.31	18.34
16	18.27	18.13	18.08	18.61	18.45	19.38	19.94	18.48	17.83	18.44	18.31	18.66
17	18.16	18.11	18.15	18.61	18.08	19.14	19.92	18.39	17.76	18.46	18.33	18.86
18	18.09	18.03	18.21	18.55	17.87	18.99	19.89	18.39	17.70	18.50	18.32	18.96
19	18.13	18.04	18.26	18.60	17.91	19.04	19.67	18.40	17.64	18.49	18.28	18.99
20	18.11	18.12	18.26	18.50	18.15	19.25	19.51	18.45	17.56	18.51	18.31	19.00
21	18.05	18.11	18.26	18.48	18.39	19.46	19.34	18.36	17.51	18.46	18.30	18.89
22	18.07	18.10	18.25	18.63	18.69	19.50	19.28	18.36	17.52	18.44	18.30	18.79
23	18.14	18.10	18.16	18.63	18.90	19.67	19.15	18.32	17.55	18.52	18.32	18.67
24	18.21	18.25	18.12	18.78	18.81	19.70	19.05	18.28	17.56	18.59	18.30	18.59
25	18.30	18.28	18.09	18.96	18.71	19.63	19.01	18.26	17.54	18.59	18.26	18.69
26	18.33	18.33	18.14	19.13	18.74	19.75	18.91	18.24	---	18.58	18.18	18.74
27	18.32	18.38	18.29	19.05	18.77	19.70	18.87	18.17	17.67	18.58	18.17	18.88
28	18.16	18.40	18.37	18.79	18.66	19.60	18.86	18.09	17.68	18.51	18.18	18.81
29	18.11	18.36	18.38	18.57	---	19.46	18.79	18.00	17.71	18.50	---	18.76
30	18.12	18.42	18.26	18.51	---	19.33	18.73	17.93	17.85	18.56	---	18.70
31	18.13	---	18.15	18.54	---	19.23	---	17.97	---	18.62	18.21	---
MEAN	18.28	18.06	18.19	18.54	18.78	---	19.34	18.56	---	18.44	---	18.38
MAX	18.60	18.42	18.50	19.13	19.88	---	19.94	19.16	---	18.62	---	19.00
MIN	18.05	17.77	17.93	18.09	17.87	---	18.73	17.93	---	17.90	---	17.72

STATION NUMBER 02356000 FLINT RIVER AT BAINBRIDGE, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 305441 LONGITUDE 0843448 NAD27 DRAINAGE AREA 7570.00* CONTRIBUTING DRAINAGE AREA DATUM 58.06 NGVD29
Date Processed: 2003-03-11 12:49 By acday
APPROVED
DD #7, DCP SONTEK X VELOCITY
STREAM VELOCITY (FEET/SECOND), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.28	0.19	0.41	0.27	0.44	0.37	---	0.38	0.25	---	0.24	0.17
2	0.31	0.19	0.41	0.25	0.39	0.36	---	0.41	0.27	0.25	0.26	0.19
3	0.31	0.21	0.34	0.33	0.42	0.45	0.62	0.42	0.26	0.25	0.28	0.18
4	0.30	0.20	0.32	0.35	0.38	0.62	0.65	0.41	0.24	0.23	0.27	0.20
5	0.29	0.19	0.31	0.28	0.33	0.74	0.73	0.48	0.30	0.24	0.25	0.19
6	0.25	0.19	0.27	0.30	0.37	0.91	0.66	0.56	0.29	0.25	0.22	0.19
7	0.25	0.19	0.29	0.27	0.35	0.91	0.65	0.41	0.23	0.23	0.24	0.19
8	0.24	0.20	0.28	0.27	0.45	0.93	0.60	0.39	0.22	0.28	0.28	0.18
9	0.25	0.20	0.29	0.31	0.61	0.91	0.52	0.49	0.26	0.27	0.20	0.18
10	0.24	0.19	0.28	0.34	0.87	0.80	0.46	0.51	0.26	0.30	0.19	0.17
11	0.23	0.20	0.28	0.29	0.93	0.67	0.55	0.46	0.25	0.29	0.20	0.17
12	0.24	0.19	0.38	0.26	0.96	0.64	0.58	0.36	0.26	0.29	0.20	0.17
13	0.22	0.20	0.37	0.30	0.85	0.60	0.73	0.36	0.24	0.24	0.18	0.14
14	0.25	0.17	0.38	0.37	0.74	0.57	0.83	0.38	---	0.24	0.18	0.14
15	0.24	0.20	0.34	0.44	0.69	0.61	0.77	0.39	0.24	0.26	0.17	0.18
16	0.22	0.19	0.38	0.39	0.65	0.58	0.82	0.34	0.24	0.29	0.18	0.27
17	0.21	0.19	0.39	0.39	0.55	0.62	0.81	0.29	0.22	0.32	0.16	0.30
18	0.22	0.19	0.34	0.36	0.50	0.58	0.73	0.26	0.22	0.29	0.17	0.31
19	0.22	0.18	0.35	0.36	0.53	0.59	0.67	0.30	0.20	0.25	0.19	0.31
20	0.22	0.19	0.35	0.32	0.45	0.59	0.64	0.40	0.21	0.22	0.18	0.28
21	0.23	0.19	0.34	0.40	0.40	0.55	0.59	0.29	0.19	0.17	0.18	0.30
22	0.22	0.19	0.39	0.37	0.41	0.55	0.57	0.34	0.19	0.19	0.17	0.28
23	0.22	0.20	0.34	0.39	0.42	0.56	0.53	0.33	0.20	0.22	0.20	0.28
24	0.22	0.19	0.31	0.40	0.42	0.58	0.49	0.29	0.21	0.20	0.19	0.28
25	0.21	0.21	0.33	0.45	0.40	0.69	0.40	0.31	0.21	0.23	0.18	0.28
26	0.19	0.21	0.32	0.44	0.40	0.74	0.37	0.30	0.20	0.24	0.17	0.24
27	0.18	0.22	0.33	0.49	0.38	---	0.39	0.25	0.23	0.24	0.18	0.25
28	0.19	0.31	0.34	0.45	0.37	---	0.39	0.25	0.25	0.22	0.19	0.26
29	0.18	0.39	0.29	0.48	---	0.62	0.37	0.23	0.23	0.23	0.18	0.26
30	0.16	0.41	0.27	0.50	---	0.59	0.36	0.23	0.23	0.23	0.17	0.29
31	0.17	---	0.23	0.44	---	0.61	---	0.26	---	0.23	0.17	---
MEAN	0.23	0.21	0.33	0.36	0.52	---	---	0.36	---	---	0.20	0.23
MAX	0.31	0.41	0.41	0.50	0.96	---	---	0.56	---	---	0.28	0.31
MIN	0.16	0.17	0.23	0.25	0.33	---	---	0.23	---	---	0.16	0.14

STATION NUMBER 02356000 FLINT RIVER AT BAINBRIDGE, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 305441 LONGITUDE 0843448 NAD27 DRAINAGE AREA 7570.00* CONTRIBUTING DRAINAGE AREA DATUM 58.06 NGVD29
Date Processed: 2003-03-11 12:46 By acday
APPROVED
DD #6, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.21	0.00	0.01	0.00	0.00	0.00	0.01	0.54	0.00
2	0.00	0.00	0.00	0.74	0.00	2.42	0.00	0.00	0.00	0.69	0.00	0.00
3	0.00	0.00	0.00	0.01	0.00	0.98	0.20	0.00	0.00	0.23	0.17	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.35	0.01	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
6	0.53	0.00	0.00	0.33	0.83	0.00	0.00	0.00	0.87	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.39	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.02	0.00	0.00	0.00	2.20	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.77	0.00	0.77	0.75	0.00	0.00	0.09	0.00	0.01
13	0.00	0.00	0.00	0.01	0.00	0.13	0.17	0.23	0.00	0.04	0.00	0.24
14	0.96	0.00	0.11	0.41	0.00	0.00	0.01	0.00	0.10	0.00	0.18	1.83
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	1.61
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
17	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.96	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.72	0.00	0.00	0.00	1.71
19	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.01
20	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
21	0.00	0.00	0.00	0.24	0.00	0.72	0.00	0.00	0.06	0.22	0.73	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00
23	0.01	1.30	0.03	0.00	0.00	0.00	0.00	0.00	0.37	0.38	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.79
25	0.00	0.04	0.00	0.50	0.00	0.00	0.00	0.00	0.07	0.25	0.00	0.31
26	0.00	0.00	0.00	0.00	0.03	0.57	0.00	0.00	0.70	0.04	0.00	0.34
27	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.01	0.00	0.08	0.01	0.17
28	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.77	0.00	0.00
29	0.00	0.00	0.00	0.01	---	0.00	0.00	0.00	0.00	0.21	0.01	0.00
30	0.00	0.27	0.00	0.00	---	0.00	0.00	0.03	0.00	0.15	0.02	0.00
31	0.00	---	0.00	0.00	---	0.61	---	0.00	---	0.00	0.01	---
TOTAL	1.50	1.61	0.61	3.77	2.16	6.21	3.51	1.11	4.91	4.59	2.73	7.02

02356018 FOUR MILE CREEK AT GA 97, NEAR BAINBRIDGE, GA

LOCATION.—Lat 30°51'24", long 84°36'52", Decatur County, Georgia Hydrologic Unit 03130008, 0.53 miles upstream from the confluence with Parramore Creek, and 2.03 miles south of Bainbridge.

DRAINAGE AREA.— 22.7 mi^2.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASURMENTS

PERIOD OF RECORD.—None.

GAGE.— None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/18/2001	13.09	.06

02356220 SPRING CREEK AT GA 200, AT DAMASCUS, GA

LOCATION.—Lat 31°18'20", long 84°44'59", Early County, Hydrologic Unit 03130010, 4.15 miles downstream from the confluence with Dry Creek, and 1.29 miles west of Damascus.

DRAINAGE AREA.—99.8 mi^2.

COOPERATION.—Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/25/2001	19.08	1.59

02356640 SPRING CREEK AT US 27, AT COLQUITT, GA

LOCATION.—Lat 31°10'14", long 84°44'34" referenced to North American Datum (NAD) of 1927, Miller County, Hydrologic Unit 03130010, at US 27 at Colquitt.

DRAINAGE AREA.—281 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1981 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 120.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 ((from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 15.91 feet, March 10, 1998
DISCHARGE: 20,500 ft^3/s, March 10, 1998

MAXIMUM FOR CURRENT YEAR.—
STAGE: 8.96 feet, September 14
DISCHARGE: 3,040 ft^3/s, September 14

02356880 SPRING CREEK NEAR BOYKIN, GA

LOCATION.—Lat 31°04'44", long 84°42'55", Early County, Hydrologic Unit 03130010, 3.62 miles downstream from the confluence with the Perry Creek, and 4.32 miles north west of Damascus.

DRAINAGE AREA.—Not determined.

COOPERATION.— Albany Dougherty Planning Commission.

MISCELLANEOUS MEASUREMENTS

PERIOD OF RECORD.—None.

GAGE.—None.

RATING.—None.

REMARKS.—Part of a twenty-one station synoptic measurement run.

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/25/2001	22.18	11.02

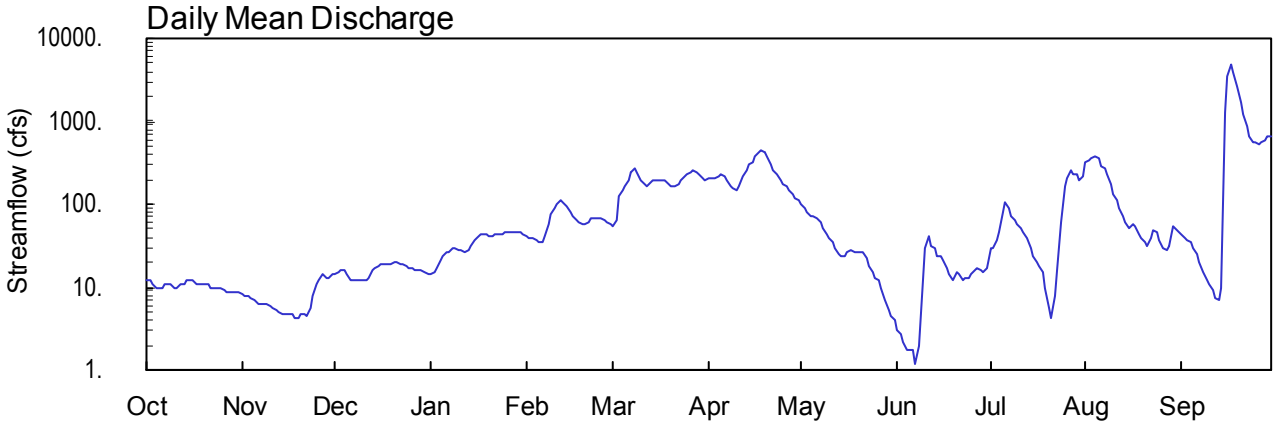
APALACHICOLA RIVER BASIN

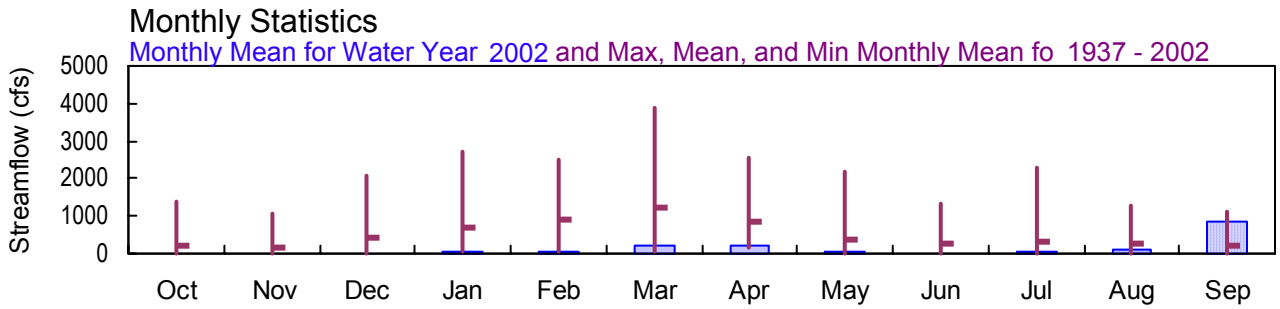
2002 Water Year

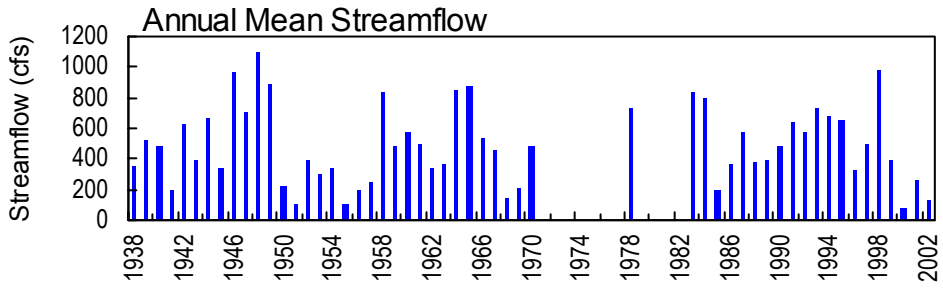
02357000 SPRING CREEK NEAR IRON CITY, GA

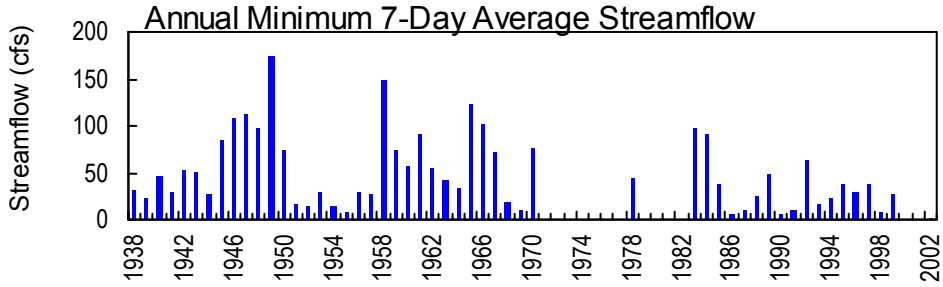
Latitude: 31°02'23" Longitude: 84°44'18" Hydrologic Unit Code: 03130010 Decatur County

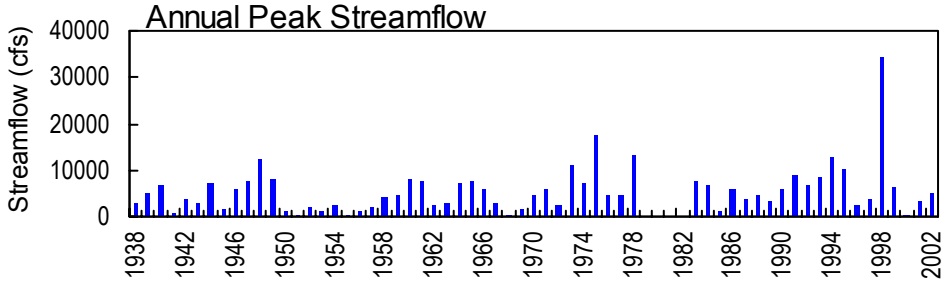
Drainage Area: 485. mi^2 Datum: 85.70 feet











APALACHICOLA RIVER BASIN
2002 Water Year

02357000 SPRING CREEK NEAR IRON CITY, GA

LOCATION.—Lat 31°02'23", long 84°44'18" referenced to North American Datum (NAD) of 1927, Decatur County, Hydrologic Unit 03130010, on right bank 25.0 feet downstream from county bridge, 1.5 miles downstream from Aycock Creek, 1.5 miles upstream from Dry Creek, 5.0 miles north of Brinson, and 5.5 miles northeast of Iron City.

DRAINAGE AREA.—485 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—November 1920 to June 1921, June 1937 to April 1971, water years 1972-76 (annual maximum), December 1976 to September 1978, June 1982 to current year. Monthly discharge only for November 1920 to June 1921, published in WSP 1304.

REVISED RECORDS.—WDR GA-91-1: 1983-84.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 85.7 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 21, 1920 to June 30, 1921, a non-recording gage was located at site 125 feet upstream at different datum. From June 11, 1937 to October 17, 1952, a non-recording gage was located at site 125 feet upstream at present datum. From October 18, 1952 to April 1971, a recording gage was located at same site and datum as present. From May 1971 to December 1976, a non-recording gage was located at same site and datum as present.

REMARKS.—Records good, except for the periods of estimated discharge, which are fair. Discharges during growing season affected by undetermined amount of irrigation withdrawal.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges above base of 2,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Sep. 17	1100	5,000*	15.40*

No other peaks greater than base discharge

02357000 SPRING CREEK NEAR IRON CITY, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 1920 to June 1921, June 1937 to April 1971, water years 1972-76 (annual maximum), December 1976 to September 1978, June 1982 to current year. Monthly discharge only for November 1920 to June 1921, published in WSP 1304.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 85.7 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 21, 1920 to June 30, 1921, a non-recording gage was located at site 125 feet upstream at different datum. From June 11, 1937 to October 17, 1952, a non-recording gage was located at site 125 feet upstream at present datum. From October 18, 1952 to April 1971, a recording gage was located at same site and datum as present. From May 1971 to December 1976, a non-recording gage was located at same site and datum as present.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 15.40 feet, September 17; minimum gage-height recorded, 0.61 feet, June 7,8.

PRECIPITATION RECORDS

PERIOD OF RECORD.—July 1, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02357000 SPRING CREEK NEAR IRON CITY, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 310223 LONGITUDE 0844418 NAD27 DRAINAGE AREA 485.00* CONTRIBUTING DRAINAGE AREA DATUM 85.70 NGVD29
Date Processed: 2003-03-10 13:26 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	8.1	14	14	42	53	204	100	3.1	30	312	43
2	12	7.7	15	15	40	65	206	90	2.7	30	348	39
3	11	7.6	16	17	38	125	210	78	2.2	36	358	37
4	10	7.4	16	21	37	150	217	71	1.7	47	382	34
5	10	7.0	14	23	35	168	234	73	1.7	81	353	29
6	10	6.4	12	26	35	194	220	67	1.7	104	289	25
7	11	6.3	12	27	41	239	191	60	1.2	90	269	20
8	11	6.3	12	29	59	265	168	52	2.0	71	227	15
9	11	6.2	12	29	77	237	153	44	12	65	173	12
10	10	5.8	12	28	89	195	146	38	30	56	135	11
11	10	5.6	12	28	101	172	163	35	41	50	109	9.4
12	11	5.4	13	27	112	165	214	30	32	45	90	7.4
13	11	5.1	16	28	108	182	256	25	29	39	73	6.9
14	12	4.8	17	31	95	190	308	23	24	30	60	10
15	12	4.8	18	37	82	197	329	23	23	24	52	1280
16	12	4.8	19	40	73	197	369	27	21	20	57	3430
17	11	4.7	19	44	65	198	427	28	17	18	54	4790
18	11	4.2	19	44	60	191	440	27	14	15	43	3850
19	11	4.2	19	43	56	176	416	26	12	10	39	2610
20	11	4.6	20	42	56	163	369	26	15	5.7	35	1730
21	11	4.6	20	42	60	163	298	26	14	4.2	32	1190
22	10	4.4	19	44	66	174	257	22	12	7.8	38	864
23	10	5.6	19	44	68	194	225	18	13	16	48	678
24	10	7.7	18	44	67	212	200	15	13	62	45	571
25	9.9	11	17	46	67	229	179	13	14	169	36	551
26	9.4	12	17	46	64	249	161	12	16	207	30	524
27	8.9	14	16	47	60	255	146	9.6	17	251	28	545
28	8.5	13	16	47	56	237	132	6.9	16	236	32	587
29	8.5	13	16	45	---	227	120	5.2	15	230	55	659
30	8.5	14	15	45	---	207	111	4.5	17	192	50	673
31	8.5	---	14	44	---	194	---	3.9	---	222	46	---
TOTAL	323.2	216.3	494	1087	1809	5863	7069	1079.1	433.3	2463.7	3898	24830.7
MEAN	10.4	7.21	15.9	35.1	64.6	189	236	34.8	14.4	79.5	126	828
MAX	12	14	20	47	112	265	440	100	41	251	382	4790
MIN	8.5	4.2	12	14	35	53	111	3.9	1.2	4.2	28	6.9
CFSM	0.02	0.01	0.03	0.07	0.13	0.39	0.49	0.07	0.03	0.16	0.26	1.71
IN.	0.02	0.02	0.04	0.08	0.14	0.45	0.54	0.08	0.03	0.19	0.30	1.90

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	217	183	399	714	917	1237	831	396	285	295	253	201
MAX	1377	1042	2101	2689	2515	3909	2577	2165	1325	2310	1291	1133
(WY)	1999	1948	1949	1993	1983	1998	1944	1946	1989	1994	1939	1937
MIN	1.06	7.21	15.9	35.1	64.6	78.6	164	25.2	1.80	0.80	0.13	0.078
(WY)	2001	2002	2002	2002	2002	1955	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	96363.5		49566.3			
ANNUAL MEAN	264		136		490	
HIGHEST ANNUAL MEAN					1096	1948
LOWEST ANNUAL MEAN					82.1	2000
HIGHEST DAILY MEAN	3430	Mar 23	4790	Sep 17	32000	Mar 10 1998
LOWEST DAILY MEAN	4.2	Nov 18	1.2	Jun 7	0.00	Aug 25 2000
ANNUAL SEVEN-DAY MINIMUM	4.5	Nov 16	1.9	Jun 2	0.00	Aug 25 2000
MAXIMUM PEAK FLOW			5000	Sep 17	34500	Mar 10 1998
MAXIMUM PEAK STAGE			15.40	Sep 17	24.40	Mar 10 1998
INSTANTANEOUS LOW FLOW			1.1	Jun 7	0.00	Aug 25 2000
ANNUAL RUNOFF (CFSM)	0.54		0.28		1.01	
ANNUAL RUNOFF (INCHES)	7.39		3.80		13.72	
10 PERCENT EXCEEDS	705		250		1180	
50 PERCENT EXCEEDS	113		35		225	
90 PERCENT EXCEEDS	10		7.5		42	

STATION NUMBER 02357000 SPRING CREEK NEAR IRON CITY, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 310223 LONGITUDE 0844418 NAD27 DRAINAGE AREA 485.00* CONTRIBUTING DRAINAGE AREA DATUM 85.70 NGVD29
Date Processed: 2003-03-10 13:26 By acday
APPROVED
DD #4, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.20	1.08	1.32	1.31	1.72	1.86	3.50	2.43	0.76	1.51	4.36	1.62
2	1.18	1.07	1.34	1.34	1.68	2.03	3.52	2.31	0.73	1.51	4.65	1.57
3	1.16	1.07	1.35	1.38	1.65	2.71	3.55	2.19	0.70	1.61	4.72	1.53
4	1.14	1.06	1.35	1.44	1.63	2.97	3.61	2.10	0.67	1.79	4.90	1.49
5	1.13	1.05	1.31	1.48	1.60	3.16	3.75	2.13	0.67	2.21	4.69	1.40
6	1.14	1.03	1.27	1.51	1.60	3.40	3.64	2.06	0.67	2.48	4.18	1.32
7	1.15	1.03	1.27	1.51	1.70	3.80	3.37	1.97	0.63	2.31	4.03	1.21
8	1.16	1.03	1.27	1.53	1.94	4.01	3.16	1.86	0.66	2.11	3.67	1.10
9	1.15	1.03	1.27	1.53	2.17	3.78	3.00	1.75	1.08	2.02	3.16	1.02
10	1.14	1.02	1.26	1.52	2.30	3.41	2.93	1.66	1.50	1.91	2.76	0.97
11	1.14	1.01	1.25	1.51	2.44	3.20	3.10	1.59	1.70	1.83	2.47	0.92
12	1.15	1.00	1.29	1.49	2.58	3.12	3.59	1.50	1.55	1.76	2.23	0.86
13	1.15	0.99	1.36	1.51	2.52	3.30	3.94	1.41	1.49	1.66	2.02	0.84
14	1.20	0.99	1.39	1.57	2.37	3.37	4.35	1.37	1.38	1.51	1.86	0.95
15	1.18	0.99	1.42	1.67	2.24	3.43	4.51	1.36	1.37	1.38	1.75	8.09
16	1.18	0.99	1.43	1.73	2.12	3.43	4.82	1.44	1.32	1.30	1.81	13.78
17	1.17	0.98	1.43	1.77	2.03	3.44	5.24	1.47	1.22	1.25	1.77	15.22
18	1.17	0.97	1.43	1.77	1.96	3.37	5.33	1.44	1.14	1.17	1.63	14.29
19	1.17	0.97	1.43	1.76	1.91	3.24	5.16	1.43	1.10	1.02	1.57	12.54
20	1.16	0.99	1.47	1.73	1.91	3.10	4.82	1.43	1.17	0.87	1.50	10.69
21	1.15	0.99	1.46	1.74	1.96	3.10	4.28	1.42	1.16	0.81	1.44	9.12
22	1.13	0.98	1.43	1.76	2.04	3.22	3.95	1.35	1.08	0.92	1.54	7.81
23	1.13	1.03	1.43	1.76	2.07	3.41	3.68	1.26	1.11	1.17	1.69	6.83
24	1.13	1.11	1.42	1.75	2.06	3.57	3.46	1.17	1.13	1.84	1.65	6.21
25	1.13	1.22	1.39	1.78	2.06	3.72	3.26	1.12	1.15	3.15	1.51	6.08
26	1.11	1.27	1.38	1.78	2.02	3.89	3.08	1.07	1.20	3.50	1.41	5.91
27	1.09	1.31	1.36	1.79	1.96	3.93	2.93	1.01	1.23	3.88	1.37	6.05
28	1.09	1.30	1.35	1.79	1.91	3.78	2.79	0.91	1.20	3.75	1.45	6.31
29	1.09	1.30	1.35	1.77	---	3.70	2.67	0.85	1.17	3.70	1.78	6.73
30	1.09	1.32	1.34	1.77	---	3.52	2.56	0.83	1.22	3.35	1.72	6.81
31	1.09	---	1.33	1.75	---	3.40	---	0.80	---	3.62	1.67	---
MEAN	1.14	1.07	1.36	1.63	2.01	3.33	3.72	1.51	1.11	2.03	2.48	5.31
MAX	1.20	1.32	1.47	1.79	2.58	4.01	5.33	2.43	1.70	3.88	4.90	15.22
MIN	1.09	0.97	1.25	1.31	1.60	1.86	2.56	0.80	0.63	0.81	1.37	0.84

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02357000 SPRING CREEK NEAR IRON CITY, GA SOURCE AGENCY USGS STATE 13 COUNTY 087
LATITUDE 310223 LONGITUDE 0844418 NAD27 DRAINAGE AREA 485.00* CONTRIBUTING DRAINAGE AREA DATUM 85.70 NGVD29
Date Processed: 2003-03-10 13:27 By acday
APPROVED
DD #8, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	0.24	---
2	---	---	---	---	---	---	---	---	---	0.00	0.01	---
3	---	---	---	---	---	---	---	---	---	0.00	0.00	---
4	---	---	---	---	---	---	---	---	---	0.00	0.04	0.00
5	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
6	---	---	---	---	---	---	---	---	---	0.29	0.00	0.01
7	---	---	---	---	---	---	---	---	---	---	0.00	0.00
8	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
9	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
10	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
12	---	---	---	---	---	---	---	---	---	2.14	0.00	0.00
13	---	---	---	---	---	---	---	---	---	0.02	0.00	1.25
14	---	---	---	---	---	---	---	---	---	0.02	0.00	2.36
15	---	---	---	---	---	---	---	---	---	0.00	0.00	8.65
16	---	---	---	---	---	---	---	---	---	0.00	0.68	0.00
17	---	---	---	---	---	---	---	---	---	0.00	0.09	0.00
18	---	---	---	---	---	---	---	---	---	0.00	0.00	0.20
19	---	---	---	---	---	---	---	---	---	0.00	0.34	0.01
20	---	---	---	---	---	---	---	---	---	0.63	0.00	0.00
21	---	---	---	---	---	---	---	---	---	0.74	0.52	0.00
22	---	---	---	---	---	---	---	---	---	0.23	0.03	0.00
23	---	---	---	---	---	---	---	---	---	0.42	0.00	0.00
24	---	---	---	---	---	---	---	---	---	2.52	0.00	0.76
25	---	---	---	---	---	---	---	---	---	0.13	0.00	0.22
26	---	---	---	---	---	---	---	---	---	0.50	0.00	1.09
27	---	---	---	---	---	---	---	---	---	0.05	---	0.10
28	---	---	---	---	---	---	---	---	---	0.03	---	0.00
29	---	---	---	---	---	---	---	---	---	0.03	---	0.00
30	---	---	---	---	---	---	---	---	---	0.02	---	0.00
31	---	---	---	---	---	---	---	---	---	0.00	---	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---

02357050 SPRING CREEK (US HWY 84) AT BRINSON, GEORGIA

LOCATION.—Lat 30°58'30", long 84°44'44", referenced to North American Datum (NAD) of 1927, Decatur County, Hydrologic Unit 03130010, at downstream bridge on US 84, 0.5 miles SW of Brinson, GA.

DRAINAGE AREA.—566 mi^2.

REMARKS.—None.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAMPLING METHOD, CODES (82398)	WATER, PRESENT BIO TIS DRY WGT REC PERCENT (49273)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)
MAY													
23...	1430	1028	80020	--	81	769	8.5	94	7.0	231	20.8	--	--
JUN													
03...	1430	1028	85550	70	--	761	7.9	95	7.8	247	24.3	1.4	.9
03...	1435	1028	1028	8010	--	--	--	--	--	--	--	--	--

Date	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MERCURY METHYL, WATER, FLTRD REC, (NG/L) (50285)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDIMENT, SUSPENDED (MG/L) (80154)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY							
23...	3.0	--	--	--	--	15.00	--
JUN							
03...	--	<.04r	75	2.0	--	15.00	3070
03...	--	--	--	--	97	15.00	8010

Remark codes used in this report:
< -- Less than
Value qualifier codes used in this report:
r -- Value verified by rerun, same method

02357150 SPRING CREEK NEAR REYNOLDSVILLE, GA

LOCATION.—Lat 30°54'14", long 84°44'57" referenced to North American Datum (NAD) of 1927, Decatur County, Hydrologic Unit 03130010, on right bank, 1.0 mile upstream of Smith Landing, and 3.0 miles north-northeast of Reynoldsville.

DRAINAGE AREA.—Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1998 to current year.

GAGE.—Satellite telemetry with a water-stage and velocity recorder.

REMARKS.—Records fair. This station is operated by the USGS, Florida District. For more information, please check http://fl.water.usgs.gov.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	163	179	184	190	143	161	300	270	147	137	330	164
2	169	170	212	197	124	192	298	265	148	145	363	155
3	168	165	202	186	145	182	307	248	152	137	385	158
4	176	160	214	178	149	202	305	242	138	144	404	151
5	171	155	237	184	151	207	314	228	150	151	420	161
6	176	166	228	179	153	252	318	225	137	154	371	157
7	150	173	216	186	158	298	319	208	141	174	351	153
8	163	162	221	178	184	316	295	195	140	171	327	153
9	167	166	221	169	e200	322	298	200	148	159	286	144
10	172	170	219	173	e220	288	289	184	168	158	258	130
11	165	165	215	173	e230	258	293	179	198	159	222	138
12	170	156	217	172	e240	262	324	191	194	146	208	138
13	175	168	215	174	e230	273	344	195	174	154	201	141
14	174	157	220	168	e210	267	373	163	159	160	195	148
15	158	158	202	175	e200	277	414	160	157	147	186	581
16	163	161	202	168	188	292	416	164	154	139	180	2290
17	161	159	205	167	178	305	450	177	147	133	185	3430
18	168	161	192	169	175	286	486	179	146	118	178	3630
19	161	155	198	174	173	277	492	143	138	116	172	3000
20	180	158	205	161	169	256	486	147	141	117	169	2200
21	166	162	197	169	156	254	436	149	129	128	172	1650
22	163	162	209	151	149	251	404	146	134	138	159	1280
23	162	170	205	165	147	243	357	149	138	141	170	1030
24	180	165	201	159	171	301	357	142	137	150	168	872
25	149	177	195	148	174	318	328	145	141	186	174	815
26	159	165	197	127	172	324	313	144	148	217	167	762
27	169	173	187	162	162	316	306	150	150	256	153	754
28	171	164	190	168	168	329	297	144	139	283	148	788
29	163	182	176	164	---	333	299	147	135	283	163	825
30	169	184	188	155	---	324	286	147	137	273	147	854
31	167	---	193	152	---	312	---	141	---	266	150	---
MEAN	166.7	165.6	205.3	169.1	175.7	273.5	350.1	179.6	148.8	169.0	231.0	895.1
MAX	180	184	237	197	240	333	492	270	198	283	420	3630
MIN	149	155	176	127	124	161	286	141	129	116	147	130

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2002, BY WATER YEAR (WY)

MEAN	468.8	272.6	268.1	380.2	434.6	661.9	608.8	263.0	213.4	280.4	213.4	347.2
MAX	1417	618	498	780	868	1274	1287	406	392	511	289	895
(WY)	1999	1999	1999	1999	1999	2001	2001	2001	2001	1999	1999	2002
MIN	136	146	175	169	176	273	350	180	121	121	97.1	114
(WY)	2001	2001	2001	2002	2002	2002	2002	2002	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1999 - 2002	
ANNUAL MEAN	439.4		260.1		367.3	
HIGHEST ANNUAL MEAN					561	1999
LOWEST ANNUAL MEAN					216	2000
HIGHEST DAILY MEAN	3040	Mar 24	3630	Sep 18	4260	Oct 3 1998
LOWEST DAILY MEAN	149	Oct 25	116	Jul 19	45	Sep 13 2000
ANNUAL SEVEN-DAY MINIMUM	158	Nov 14	127	Jul 16	73	Aug 18 2000
MAXIMUM PEAK FLOW			4020	Sep 18	4470	Oct 3 1998
MAXIMUM PEAK STAGE			80.44	Sep 18	81.82	Oct 3 1998
10 PERCENT EXCEEDS	914		329		696	
50 PERCENT EXCEEDS	287		174		237	
90 PERCENT EXCEEDS	166		144		137	

e Estimated

02357500 LAKE SEMINOLE NEAR CHATTAHOOCHEE, FL

LOCATION.—Lat 30°42'33", long 84°51'45" referenced to North American Datum (NAD) of 1927, Gadsden County, FL, Hydrologic Unit 03130004, on right upstream lock wall of Jim Woodruff Dam on Chattahoochee River, 0.6 miles upstream from bridge on US 90, and 1.5 miles northwest of Chattahoochee.

REMARKS.—Water levels are provided by the U.S. Army Corps of Engineers, Mobile District. Please see the following Internet location for more information:

http://water.sam.usace.army.mil/

APALACHICOLA RIVER BASIN
2002 Water Year

02358000 APALACHICOLA RIVER AT CHATTAHOOCHEE, FL

LOCATION.—Lat 30°42'03", long 84°51'33" referenced to North American Datum (NAD) of 1927, in NW1/4 sec. 32, T.4 N., R.6 W., Jackson County, Hydrologic Unit 03130011, on downstream side of abandoned bridge downstream of US 90, 0.6 miles downstream from Jim Woodruff Dam, 0.6 miles upstream from Mosquito Creek, 1.0 mile west of Chattahoochee, and 106.0 miles upstream from mouth.

DRAINAGE AREA.—17,200 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1928 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1939, published as "near River Junction." Gage-height records collected at site 0.9 miles downstream October 1919 to September 1925, and at site approximately 100.00 feet downstream October 1925 to December 1958 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 1906: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 0.00 feet referenced to National Geodetic Vertical Datum of 1929 (National Weather Service bench mark). Prior to December 16, 1939, a water-stage recorder was located at a site 0.9 miles downstream at datum 44.85 feet higher. From December 16, 1939 to June 25, 1952, a water-stage recorder, and from June 26, 1952 to June 2, 1954, a non-recording gage, and from June 3, 1954 to October 14, 1958, a water-stage recorder was located at a site approximately 100.00 feet downstream at gage datum of 45.58 feet. From October 15, 1958 to September 30, 1987, a water-stage recorder was installed at datum 40.58 feet.

REMARKS.—Records good. Flow regulated by Lake Seminole Reservoir (02357500) 0.6 miles upstream since February 4, 1957, Walter F. George Lake (02343240) since 1962, Bartlett's Ferry Reservoir (02341000) since 1926, West Point Lake (02339400) since October 1974, and Lake Sidney Lanier Reservoir (02334400) since 1956. This station is operated by the USGS, Florida District. For more information, please check http://fl.water.usgs.gov.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6310	6320	7350	7310	11400	9130	16400	7400	7600	6080	6270	5410
2	6330	6210	7340	7330	12600	9460	16400	7290	7610	6000	6350	5470
3	6310	6220	7280	7430	12700	10200	16400	7130	7570	5880	6370	5450
4	6290	6380	7310	7430	12700	11500	16400	7110	7370	5920	6380	5460
5	6350	6830	7330	7430	12700	16500	16100	7060	7010	5850	6390	5460
6	6340	6570	7340	7440	12700	19300	14300	7640	6500	5940	6430	5480
7	6370	6880	7340	7410	12800	18700	13600	8390	6630	5790	6410	5490
8	6330	6790	7320	7370	14400	17400	11300	9860	6500	5780	6360	5510
9	6290	6330	7320	7390	19400	17000	12500	10800	6600	5800	6340	5520
10	6300	5720	7330	7410	22600	15600	14900	10800	6510	5830	6350	5530
11	6160	5650	7380	7270	23200	14600	16400	10800	6040	5930	6200	5580
12	e6110	5680	7470	6600	23300	13400	16600	10800	6280	6040	5820	5550
13	e6120	5600	7560	6620	22000	13300	16500	10400	6660	6000	5300	5500
14	e6140	5520	7590	6600	19800	13200	16600	9730	6530	6050	5250	5540
15	e6150	5590	7480	6640	18500	13100	18000	9940	6540	6050	5310	5880
16	6050	5560	7460	6720	16900	14600	19800	9510	6610	6050	5380	5860
17	5900	5580	7420	6860	14200	15100	19200	8710	6470	6060	5370	7320
18	6060	5690	7330	6890	12900	12500	18500	8210	6510	6100	5470	8440
19	6060	5750	7340	6860	10600	10700	17600	8200	6630	6020	5440	10100
20	6100	5720	7260	6810	8920	10500	16000	7990	6480	5890	5290	10400
21	5940	5560	7240	6830	8780	12700	13200	7870	6540	5830	5310	9960
22	5810	5360	7270	8350	8550	16100	10800	7520	6490	5750	5350	9430
23	5770	5400	7300	9750	8780	16300	10500	7390	6500	5740	5400	9020
24	5790	5420	7240	9960	8990	16400	9820	7260	6440	5950	5410	8110
25	5720	5450	7250	12300	9100	16400	8530	7170	6340	6810	5410	7930
26	5990	5480	7250	15900	8890	17000	8370	6930	6030	6880	5370	8300
27	6490	5470	7260	21200	9030	18200	8460	6720	6110	6850	5390	8270
28	6300	5970	7220	17900	9160	18300	8010	7140	6100	6560	5450	8020
29	6180	7260	7300	13700	---	17900	7840	7310	6060	6450	5400	7930
30	5980	7290	7270	11600	---	16500	7720	7460	6090	6390	5430	7810
31	5990	---	7290	10800	---	16300	---	7560	---	6340	5390	---
MEAN	6130	5975	7337	9036	13770	14770	13890	8326	6578	6084	5735	6991
MAX	6490	7290	7590	21200	23300	19300	19800	10800	7610	6880	6430	10400
MIN	5720	5360	7220	6600	8550	9130	7720	6720	6030	5740	5250	5410
MED	6140	5700	7320	7410	12700	15600	15400	7640	6500	6000	5430	5870
IN.	0.41	0.39	0.49	0.61	0.83	0.99	0.90	0.56	0.43	0.41	0.38	0.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2002, BY WATER YEAR (WY)

MEAN	12450	13210	20090	27610	33560	40840	33960	21550	16340	16610	14810	12050
MAX	38500	31790	70390	62470	67310	171600	80700	53260	39460	87780	31950	25440
(WY)	1965	1993	1949	1936	1998	1929	1944	1964	1973	1994	1994	1994
MIN	5319	5524	7337	7262	10420	12780	10880	8326	4826	5117	4750	5889
(WY)	1955	1932	2002	1956	1989	1955	1999	2002	2000	2000	1988	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1929 - 2002	
ANNUAL MEAN	16060		8681		21870	
HIGHEST ANNUAL MEAN					35680	1929
LOWEST ANNUAL MEAN					8681	2002
HIGHEST DAILY MEAN	98600	Mar 23	23300	Feb 12	291000	Mar 20 1929
LOWEST DAILY MEAN	5360	Nov 22	5250	Aug 14	3900	Nov 15 1987
ANNUAL SEVEN-DAY MINIMUM	5450	Nov 21	5360	Aug 14	4530	Aug 10 1988
MAXIMUM PEAK FLOW			23400	Feb 11	293000	Mar 20 1929
MAXIMUM PEAK STAGE			47.90	Feb 12	79.55	Mar 20 1929
INSTANTANEOUS LOW FLOW			5130	Jun 11	2570	Aug 6 1986
ANNUAL RUNOFF (INCHES)	12.68		6.85		17.27	
10 PERCENT EXCEEDS	36200		16300		43400	
50 PERCENT EXCEEDS	10700		7240		15900	
90 PERCENT EXCEEDS	6150		5530		8470	

e Estimated

GAGE HEIGHT, in FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.90	39.90	40.51	40.49	42.70	41.51	45.01	40.54	40.66	39.76	39.87	39.33
2	39.91	39.83	40.51	40.51	43.27	41.68	45.01	40.48	40.66	39.71	39.92	39.37
3	39.90	39.84	40.48	40.56	43.30	42.07	45.00	40.38	40.64	39.63	39.93	39.36
4	39.88	39.94	40.49	40.56	43.29	42.71	45.03	40.37	40.53	39.66	39.94	39.37
5	39.92	40.21	40.51	40.56	43.29	45.06	44.85	40.34	40.32	39.61	39.95	39.37
6	39.92	40.05	40.51	40.57	43.31	46.26	44.05	40.68	40.01	39.67	39.97	39.38
7	39.93	40.24	40.51	40.55	43.37	45.99	43.75	41.10	40.09	39.58	39.96	39.38
8	39.91	40.19	40.50	40.53	44.07	45.44	42.63	41.88	40.02	39.57	39.93	39.40
9	39.89	39.91	40.50	40.54	46.29	45.26	43.21	42.36	40.07	39.58	39.92	39.41
10	39.89	39.53	40.51	40.55	47.59	44.65	44.32	42.35	40.02	39.60	39.92	39.41
11	39.80	39.49	40.53	40.47	47.80	44.18	45.00	42.36	39.73	39.66	39.83	39.45
12	---	39.51	40.58	40.07	47.84	43.64	45.09	42.39	39.88	39.73	39.60	39.42
13	---	39.45	40.63	40.09	47.33	43.61	45.05	42.19	40.11	39.71	39.26	39.39
14	---	39.41	40.65	40.07	46.46	43.56	45.08	41.83	40.03	39.74	39.23	39.42
15	---	39.45	40.59	40.10	45.92	43.49	45.68	41.94	40.03	39.74	39.27	39.63
16	39.74	39.43	40.58	40.14	45.22	44.19	46.42	41.71	40.08	39.74	39.31	39.62
17	39.65	39.44	40.56	40.23	44.01	44.43	46.21	41.28	40.00	39.74	39.31	40.49
18	39.74	39.51	40.50	40.25	43.40	43.23	45.90	41.00	40.02	39.77	39.37	41.13
19	39.75	39.55	40.51	40.23	42.29	42.34	45.54	41.00	40.09	39.72	39.36	42.03
20	39.77	39.53	40.46	40.20	41.39	42.21	44.81	40.88	40.00	39.64	39.26	42.18
21	39.67	39.43	40.45	40.21	41.32	43.28	43.54	40.81	40.04	39.60	39.27	41.95
22	39.59	39.30	40.47	41.07	41.19	44.88	42.37	40.61	40.01	39.55	39.29	41.67
23	39.56	39.33	40.48	41.83	41.32	44.97	42.24	40.54	40.01	39.54	39.32	41.45
24	39.58	39.34	40.45	41.94	41.43	45.00	41.87	40.47	39.98	39.67	39.33	40.94
25	39.53	39.36	40.46	43.11	41.49	44.99	41.18	40.41	39.92	40.20	39.34	40.84
26	39.70	39.38	40.46	44.76	41.38	45.26	41.09	40.27	39.72	40.24	39.31	41.06
27	40.01	39.37	40.46	47.02	41.45	45.77	41.14	40.14	39.78	40.22	39.32	41.04
28	39.89	39.68	40.44	45.67	41.52	45.81	40.89	40.39	39.77	40.05	39.36	40.90
29	39.82	40.46	40.49	43.79	---	45.67	40.79	40.49	39.74	39.98	39.33	40.85
30	39.69	40.48	40.47	42.78	---	45.06	40.73	40.58	39.76	39.95	39.34	40.78
31	39.70	---	40.48	42.36	---	44.98	---	40.64	---	39.91	39.32	---
MEAN	---	39.68	40.51	41.35	43.69	44.23	43.78	41.05	40.06	39.76	39.54	40.27
MAX	---	40.48	40.65	47.02	47.84	46.26	46.42	42.39	40.66	40.24	39.97	42.18
MIN	---	39.30	40.44	40.07	41.19	41.51	40.73	40.14	39.72	39.54	39.23	39.33

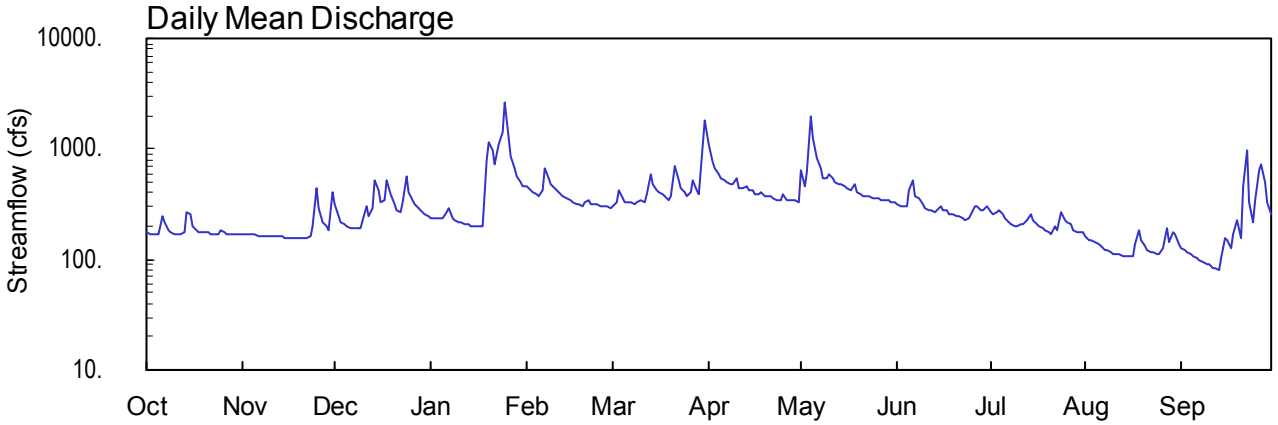
MOBILE RIVER BASIN

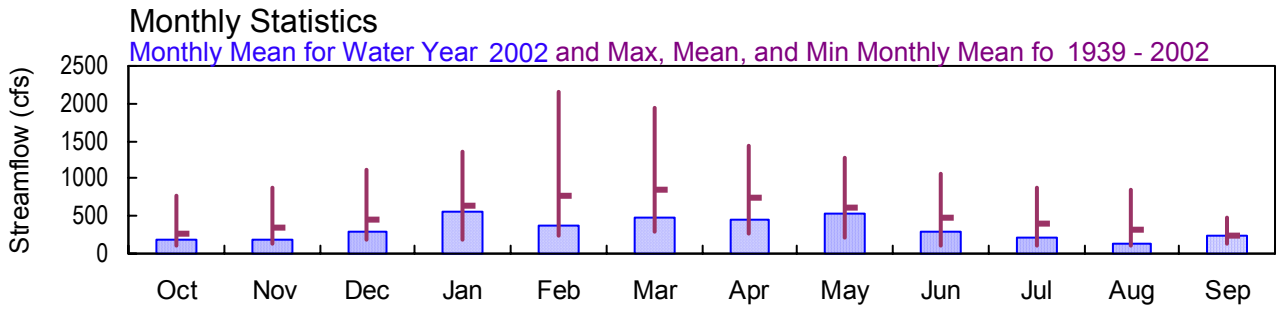
2002 Water Year

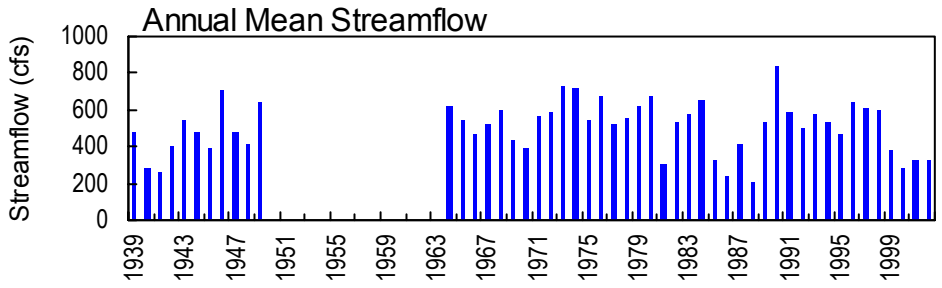
02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA

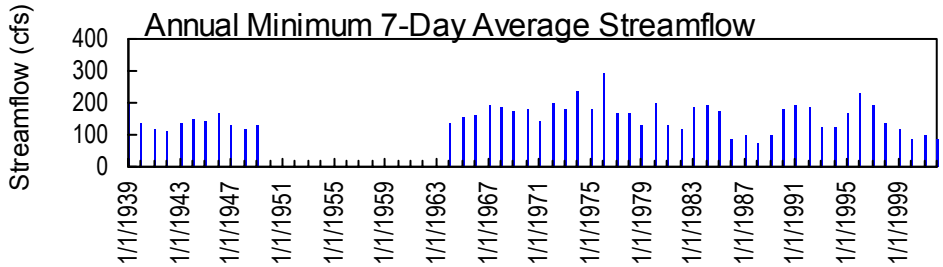
Latitude: 34°40'18" Longitude: 84°30'31" Hydrologic Unit Code: 03150102 Gilmer County

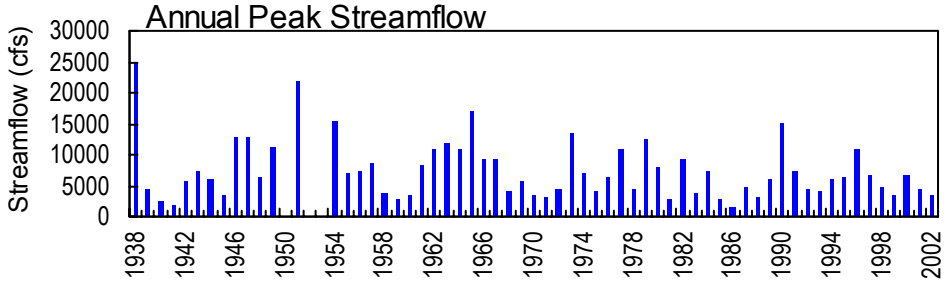
Drainage Area: 236. mi^2 Datum: 1,216.04 feet











MOBILE RIVER BASIN
2002 Water Year

02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA

LOCATION.—Lat 34°40'18", long 84°30'31" referenced to North American Datum (NAD) of 1927, Gilmer County, Hydrologic Unit 03150102, on right bank 0.5 miles downstream from GA 5, 2.0 miles southwest of Ellijay, and 2.2 miles downstream from confluence of Cartecay and Ellijay Rivers.

DRAINAGE AREA.—236 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1938 to December 1949, June 1963 to current year. Occasional low-flow measurements were made during 1959, 1961-62.

REVISED RECORDS.—WDR GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 1,216.04 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to June 10, 1940, a non-recording gage was located at site 0.5 miles upstream at datum 8.04 feet higher.

REMARKS.—Records good, except periods of estimated discharge, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1938, 20.7 feet, March 19, 1951, from flood mark.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,500 ft^3/s, and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Jan. 25	0230	3,640*	5.38*

No other peaks greater than base discharge

02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1938 to December 1949, June 1963 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 1,216.04 feet above National Geodetic Vertical Datum (NGVD) of 1929. Prior to June 10, 1940, a non-recording gage was located at site 0.5 miles upstream at datum 8.04 feet higher.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.38 feet, January 25, but may have been higher during period of missing record; minimum gage-height recorded, 0.96 feet, September 12-14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 4, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records are good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA SOURCE AGENCY USGS STATE 13 COUNTY 123
LATITUDE 344018 LONGITUDE 0843031 NAD27 DRAINAGE AREA 236.00* CONTRIBUTING DRAINAGE AREA 236 DATUM 1216.04 NGVD29
Date Processed: 2003-03-11 12:53 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	173	166	312	e240	e455	e303	e1090	e632	e319	267	164	126
2	171	167	246	e233	e436	e334	e773	e466	e307	253	152	120
3	168	168	221	e232	e406	e428	e664	e617	e301	266	148	118
4	166	166	206	e232	e391	e355	e589	e1980	303	276	142	114
5	166	166	197	e232	e367	e328	e545	e1250	420	252	136	109
6	251	165	195	e273	e417	e326	e511	e832	522	233	130	104
7	219	163	194	e292	e671	e325	e494	e682	375	217	123	98
8	184	163	191	e239	e539	e321	e476	e553	361	209	120	94
9	173	163	e188	e223	e470	e329	e484	e541	313	202	116	91
10	167	162	e228	e214	e440	e342	e542	e597	295	200	113	89
11	166	160	e299	e215	e415	e325	e450	e548	283	209	112	85
12	168	160	e246	e211	e393	e387	e434	e493	276	209	111	83
13	180	160	e285	e205	e379	e583	e462	e489	273	225	108	81
14	268	160	e513	e202	e363	e487	e432	e476	275	261	106	104
15	253	159	e420	e202	e348	e420	e419	e452	305	226	109	155
16	200	159	e324	e200	e329	e412	e395	e442	282	212	109	152
17	184	158	e337	e199	e312	e396	e391	e426	274	203	140	126
18	179	157	e517	e204	e310	e370	e400	e489	259	194	184	171
19	177	158	e388	e803	e304	e350	e378	e413	254	185	147	229
20	174	159	e321	e1160	e325	e381	e369	e383	247	176	130	155
21	173	157	e284	e992	e340	e691	e367	e377	243	171	122	453
22	172	156	e264	e737	e320	e519	e357	e372	235	204	116	979
23	170	162	e336	e1100	e315	e442	e343	e368	229	186	116	335
24	170	199	e560	e1440	e316	e405	e343	e363	236	269	111	222
25	185	438	e398	e2640	e307	e376	e387	e360	261	224	114	346
26	179	287	e344	e1250	e298	e404	e350	e351	299	222	127	652
27	167	219	e313	e865	e303	e512	e340	e349	304	205	190	714
28	166	197	e289	e663	e297	e416	e340	e346	282	183	141	499
29	166	187	e274	e571	---	e390	e345	e337	283	175	178	324
30	167	410	e257	e508	---	e1120	e334	e329	309	175	166	256
31	166	---	e246	e465	---	e1840	---	e325	---	173	137	---
TOTAL	5668	5651	9393	17242	10566	14617	13804	16638	8925	6662	4118	7184
MEAN	183	188	303	556	377	472	460	537	298	215	133	239
MAX	268	438	560	2640	671	1840	1090	1980	522	276	190	979
MIN	166	156	188	199	297	303	334	325	229	171	106	81
CFSM	0.77	0.80	1.28	2.36	1.60	2.00	1.95	2.27	1.26	0.91	0.56	1.01
IN.	0.89	0.89	1.48	2.72	1.67	2.30	2.18	2.62	1.41	1.05	0.65	1.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2002, BY WATER YEAR (WY)

MEAN	268	340	452	645	764	840	757	606	467	390	316	251
MAX	765	880	1104	1351	2148	1953	1442	1283	1052	871	851	483
(WY)	1965	1978	1993	1947	1990	1990	1977	1973	1973	1976	1967	1967
MIN	107	144	176	188	231	280	263	204	119	117	105	129
(WY)	1988	1988	1989	1981	1941	1988	1986	1986	1988	1988	1988	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1939 - 2002	
ANNUAL TOTAL	121200		120468			
ANNUAL MEAN	332		330		506	
HIGHEST ANNUAL MEAN					835	1990
LOWEST ANNUAL MEAN					207	1988
HIGHEST DAILY MEAN	2460	Jan 19	2640	Jan 25	9870	Feb 16 1990
LOWEST DAILY MEAN	156	Nov 22	81	Sep 13	69	Sep 2 1988
ANNUAL SEVEN-DAY MINIMUM	158	Nov 16	89	Sep 7	75	Aug 28 1988
MAXIMUM PEAK FLOW			3640	Jan 25	17000	Oct 4 1964
MAXIMUM PEAK STAGE			5.38	Jan 25	17.63	Oct 4 1964
ANNUAL RUNOFF (CFSM)	1.41		1.40		2.14	
ANNUAL RUNOFF (INCHES)	19.10		18.99		29.12	
10 PERCENT EXCEEDS	533		540		915	
50 PERCENT EXCEEDS	275		275		385	
90 PERCENT EXCEEDS	169		141		180	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA SOURCE AGENCY USGS STATE 13 COUNTY 123
LATITUDE 344018 LONGITUDE 0843031 NAD27 DRAINAGE AREA 236.00 CONTRIBUTING DRAINAGE AREA 236* DATUM 1216.04 NGVD29
Date Processed: 2003-03-11 12:51 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.31	1.29	1.67	---	---	---	---	---	---	1.57	1.28	1.15
2	1.31	1.29	1.52	---	---	---	---	---	---	1.54	1.24	1.13
3	1.30	1.30	1.45	---	---	---	---	---	---	1.56	1.23	1.12
4	1.29	1.29	1.41	---	---	---	---	---	1.65	1.59	1.21	1.11
5	1.29	1.29	1.38	---	---	---	---	---	1.88	1.53	1.19	1.08
6	1.53	1.29	1.38	---	---	---	---	---	2.06	1.48	1.17	1.06
7	1.45	1.28	1.38	---	---	---	---	---	1.80	1.44	1.14	1.04
8	1.35	1.28	1.37	---	---	---	---	---	1.77	1.42	1.13	1.02
9	1.31	1.28	---	---	---	---	---	---	1.67	1.40	1.11	1.01
10	1.29	1.28	---	---	---	---	---	---	1.64	1.39	1.10	1.00
11	1.29	1.27	---	---	---	---	---	---	1.61	1.42	1.10	0.98
12	1.30	1.27	---	---	---	---	---	---	1.59	1.42	1.09	0.97
13	1.33	1.27	---	---	---	---	---	---	1.58	1.46	1.08	0.96
14	1.56	1.27	---	---	---	---	---	---	1.59	1.55	1.07	1.06
15	1.53	1.27	---	---	---	---	---	---	1.66	1.46	1.09	1.25
16	1.39	1.27	---	---	---	---	---	---	1.61	1.43	1.09	1.24
17	1.35	1.26	---	---	---	---	---	---	1.59	1.40	1.20	1.15
18	1.33	1.26	---	---	---	---	---	---	1.55	1.38	1.34	1.29
19	1.32	1.26	---	---	---	---	---	---	1.54	1.35	1.23	1.47
20	1.32	1.27	---	---	---	---	---	---	1.52	1.32	1.17	1.25
21	1.31	1.26	---	---	---	---	---	---	1.51	1.31	1.14	1.92
22	1.31	1.26	---	---	---	---	---	---	1.49	1.40	1.11	2.66
23	1.30	1.28	---	---	---	---	---	---	1.47	1.35	1.11	1.72
24	1.30	1.39	---	---	---	---	---	---	1.49	1.57	1.10	1.45
25	1.35	1.91	---	---	---	---	---	---	1.55	1.46	1.11	1.70
26	1.33	1.61	---	---	---	---	---	---	1.64	1.45	1.16	2.26
27	1.29	1.45	---	---	---	---	---	---	1.65	1.41	1.36	2.34
28	1.29	1.39	---	---	---	---	---	---	1.60	1.34	1.21	2.02
29	1.29	1.36	---	---	---	---	---	---	1.61	1.32	1.33	1.70
30	1.29	1.86	---	---	---	---	---	---	1.67	1.32	1.29	1.54
31	1.29	---	---	---	---	---	---	---	---	1.31	1.19	---
MEAN	1.34	1.34	---	---	---	---	---	---	---	1.43	1.17	1.39
MAX	1.56	1.91	---	---	---	---	---	---	---	1.59	1.36	2.66
MIN	1.29	1.26	---	---	---	---	---	---	---	1.31	1.07	0.96

STATION NUMBER 02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA SOURCE AGENCY USGS STATE 13 COUNTY 123
LATITUDE 344018 LONGITUDE 0843031 NAD27 DRAINAGE AREA 236.00 CONTRIBUTING DRAINAGE AREA 236* DATUM 1216.04 NGVD29
Date Processed: 2003-03-11 12:51 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.22	0.00	0.23	1.09	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.40	0.01	0.22	0.01	0.00	0.01	0.01
3	0.00	0.00	0.00	0.00	0.03	0.24	0.00	0.79	0.00	0.17	0.00	0.00
4	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.39	0.00	0.00	0.00	0.00
5	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
6	0.69	0.00	0.00	0.61	0.94	0.00	0.00	0.01	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.07	0.00	0.00	0.00
8	0.00	0.00	0.03	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00
9	0.00	0.00	0.01	0.00	0.00	0.35	0.64	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	1.02	0.00	0.01	0.00	0.03	0.00	0.00	0.10	0.00	0.00
11	0.00	0.00	0.00	0.07	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
12	0.03	0.00	0.03	0.00	0.00	---	0.37	0.01	0.00	0.00	0.00	0.00
13	0.13	0.00	0.65	0.00	0.00	0.29	0.00	0.00	0.00	0.61	0.00	0.35
14	0.54	0.00	0.88	0.00	0.00	0.00	0.04	0.01	0.19	0.03	0.05	0.38
15	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.25	0.14
16	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.84	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.30	0.29
18	0.00	0.00	0.00	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.39	0.54
19	0.00	0.00	0.00	2.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.02	0.00	0.00	0.36	0.54	0.00	0.01	0.00	0.00	0.00	0.42
21	0.00	0.00	0.00	0.98	0.00	0.28	0.00	0.00	0.00	0.02	0.00	2.97
22	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64
23	0.00	0.42	1.04	0.79	0.00	0.00	0.00	0.00	0.02	0.17	0.00	0.00
24	0.03	0.68	0.00	2.04	0.00	0.00	0.06	0.01	0.49	0.00	0.00	0.00
25	0.12	0.82	0.00	0.03	0.00	0.00	0.29	0.00	---	0.00	0.07	2.09
26	0.00	0.00	0.00	0.00	0.14	0.57	0.07	0.00	---	0.02	0.00	0.30
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.73	0.00	0.00	0.81
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.04	0.01
29	0.00	0.28	0.00	0.00	---	0.00	0.00	0.00	0.10	0.08	0.09	0.00
30	0.00	1.00	0.00	0.00	---	2.44	0.05	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	---	---	0.01	---	0.20	0.00	---
TOTAL	1.67	3.22	4.50	7.14	1.94	---	1.84	2.65	---	1.40	1.20	8.95

02381400 CARTERS LAKE NEAR CARTERS, GA

LOCATION.—Lat 34°36'50", long 84°40'16", Murray County, Hydrologic Unit 03150102, at forebay of dam on Coosawattee River, 1.3 miles upstream from Talking Rock Creek, 1.3 miles east of Carters, 1.9 miles upstream from Louisville and Nashville Railway bridge, and at mile 26.8.

REMARKS.—Water levels are provided by the U.S. Army Corps of Engineers, Mobile District. Please see the following Internet location for more information:

http://water.sam.usace.army.mil/

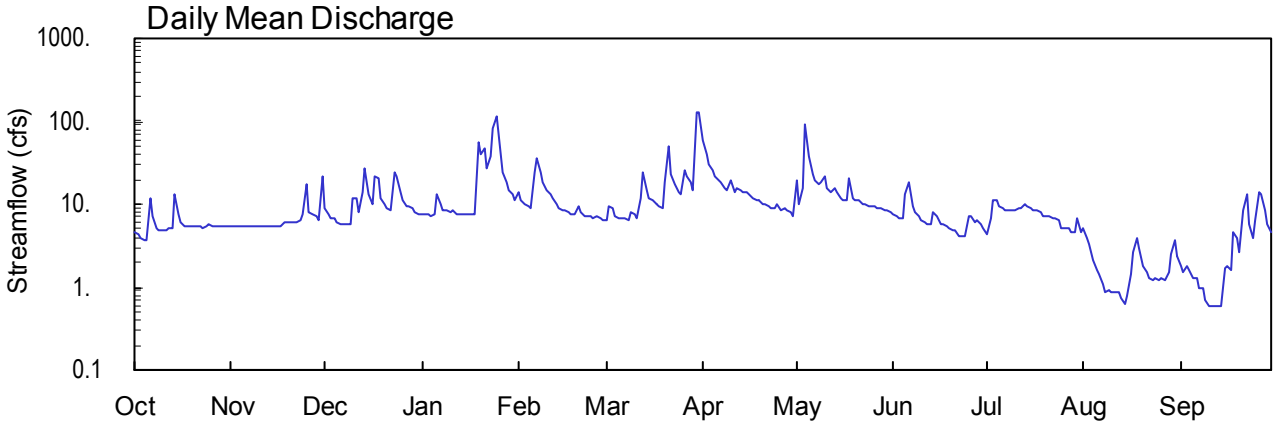
MOBILE RIVER BASIN

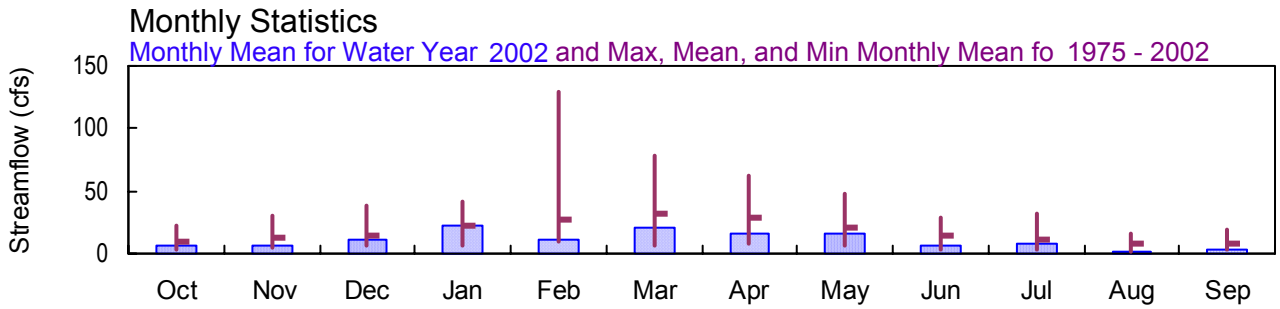
2002 Water Year

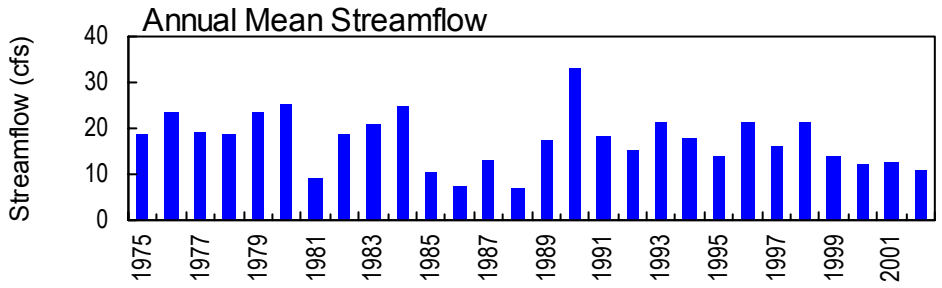
02381600 FAUSETT CREEK NEAR TALKING ROCK, GA

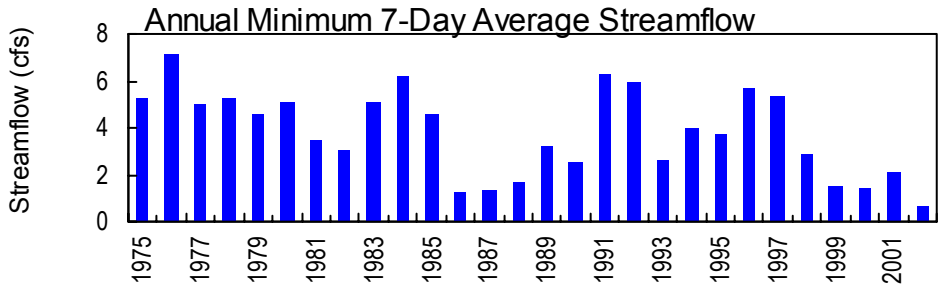
Latitude: 34°34'13" Longitude: 84°28'08" Hydrologic Unit Code: 03150102 Gilmer County

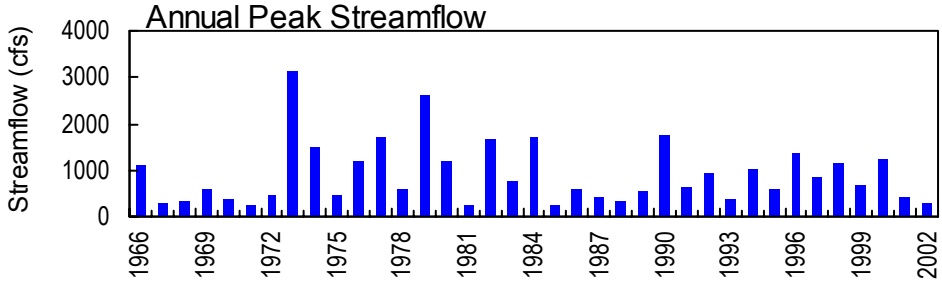
Drainage Area: 9.99 mi^2 Datum: 1,311.74 feet











02381600 FAUSETT CREEK NEAR TALKING ROCK, GA

LOCATION.—Lat 34°34'13", long 84°28'08" referenced to North American Datum (NAD) of 1927, Gilmer County, Hydrologic Unit 03150102, on right bank 25.0 feet upstream from culvert on County Road 1011, 3.6 miles upstream from mouth, and 4.5 miles northeast of Talking Rock.

DRAINAGE AREA.—9.99 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—Annual maximum, water years 1966-74, October 1974 to current year.

GAGE.—Water-stage recorder. Datum of gage is 1,311.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 300 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 24	2315	289*	3.57*

WATER-STAGE RECORDS

PERIOD OF RECORD.—Annual maximum, water years 1966-1974, October 1974 to current year.

GAGE.—Water-stage recorder. Datum of gage is 1,311.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 3.57 feet, January 24; minimum gage-height recorded, 1.05 feet, August 14, 15.

STATION NUMBER 02381600 FAUSETT CREEK NEAR TALKING ROCK, GA SOURCE AGENCY USGS STATE 13 COUNTY 123
LATITUDE 343413 LONGITUDE 0842808 NAD27 DRAINAGE AREA 9.99* CONTRIBUTING DRAINAGE AREA 9.99 DATUM 1311.74 NGVD29
Date Processed: 2003-03-11 12:55 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.6	5.3	8.9	7.6	14	6.4	58	19	7.4	4.3	5.0	e1.8
2	4.3	5.3	7.4	7.6	11	9.7	40	9.9	7.0	6.8	3.8	e1.5
3	4.0	5.3	6.8	7.6	9.9	9.2	31	16	6.6	11	3.3	e1.8
4	3.6	5.3	6.6	7.3	9.5	7.3	25	94	6.7	11	2.1	e1.6
5	3.6	5.3	6.0	7.4	9.0	6.9	22	37	13	9.4	1.6	e1.3
6	12	5.3	5.7	13	24	6.8	20	23	18	8.8	1.4	e1.3
7	7.1	5.3	5.6	10	36	6.6	18	19	9.3	8.5	1.1	e1.0
8	5.1	5.3	5.6	8.6	24	6.4	16	17	7.9	8.5	0.89	e0.96
9	4.9	5.3	5.6	8.5	18	8.0	15	18	7.2	8.5	0.91	e0.69
10	4.9	5.3	12	8.2	15	7.4	19	22	6.5	8.4	0.85	e0.59
11	4.9	5.3	12	8.5	13	6.7	14	16	6.2	9.0	0.85	e0.58
12	5.2	5.3	8.2	7.7	12	12	16	14	5.8	8.9	0.85	e0.58
13	5.2	5.3	14	7.6	9.8	24	15	16	5.7	9.9	0.73	e0.59
14	13	5.3	27	7.6	9.0	15	14	14	7.9	9.5	0.63	e0.59
15	7.4	5.3	13	7.5	8.7	12	14	12	7.1	8.8	0.78	e1.7
16	6.2	5.3	9.8	7.6	8.5	11	13	11	5.9	8.4	1.4	e1.8
17	5.3	5.5	22	7.6	8.1	10	12	11	5.6	8.3	2.7	e1.6
18	5.3	6.0	21	7.6	7.6	9.4	11	21	5.3	7.9	3.8	e4.5
19	5.3	6.0	12	57	7.4	8.8	11	12	5.0	7.1	2.9	e4.0
20	5.3	6.0	10	39	9.7	18	10	11	4.9	7.1	e1.8	e2.7
21	5.3	6.0	9.0	48	8.1	50	9.9	11	4.8	7.0	e1.5	e8.7
22	5.3	6.0	8.3	27	7.3	23	9.7	10	4.1	6.9	e1.3	e13
23	5.2	6.4	24	38	7.2	17	9.2	10	4.2	6.8	e1.2	e5.7
24	5.3	7.6	22	83	7.2	14	8.8	9.6	4.1	6.4	e1.3	e3.9
25	5.6	17	14	114	6.9	13	10	9.4	7.3	5.0	e1.2	e6.4
26	5.4	7.8	11	39	7.3	26	8.7	9.3	7.3	5.1	e1.3	e14
27	5.3	7.4	9.6	24	6.8	22	8.8	9.2	6.0	5.0	e1.2	e13
28	5.3	7.1	9.4	18	6.5	18	8.7	9.0	6.5	4.6	e1.5	e8.5
29	5.3	6.3	8.8	15	---	15	8.1	8.6	5.7	4.5	e2.5	e5.8
30	5.3	22	7.8	13	---	128	7.3	8.3	5.0	6.6	e3.6	e4.6
31	5.3	---	7.6	11	---	127	---	8.0	---	4.5	e2.4	---
TOTAL	175.8	201.9	350.7	673.5	321.5	654.6	483.2	515.3	204.0	232.5	56.39	114.78
MEAN	5.67	6.73	11.3	21.7	11.5	21.1	16.1	16.6	6.80	7.50	1.82	3.83
MAX	13	22	27	114	36	128	58	94	18	11	5.0	14
MIN	3.6	5.3	5.6	7.3	6.5	6.4	7.3	8.0	4.1	4.3	0.63	0.58
CFSM	0.57	0.67	1.13	2.17	1.15	2.11	1.61	1.66	0.68	0.75	0.18	0.38
IN.	0.65	0.75	1.31	2.51	1.20	2.44	1.80	1.92	0.76	0.87	0.21	0.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2002, BY WATER YEAR (WY)

MEAN	8.81	12.4	14.8	22.3	27.0	32.5	28.8	20.3	14.0	11.8	8.62	7.53
MAX	22.7	29.7	38.2	42.2	129	78.3	61.9	47.1	28.5	31.8	15.3	19.0
(WY)	1998	1978	1993	1990	1990	1980	1979	1984	1989	1999	1989	1989
MIN	3.10	4.82	6.14	6.00	9.52	6.47	8.67	5.65	2.92	3.47	1.82	3.08
(WY)	1988	1999	1989	1981	1988	2000	1986	1986	1988	1988	2002	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1975 - 2002	
ANNUAL TOTAL	4616.8		3984.17			
ANNUAL MEAN	12.6		10.9		17.3	
HIGHEST ANNUAL MEAN					32.9	1990
LOWEST ANNUAL MEAN					7.15	1988
HIGHEST DAILY MEAN	159	Jan 19	128	Mar 30	831	Feb 16 1990
LOWEST DAILY MEAN	2.0	Aug 26	0.58	Sep 11	0.58	Sep 11 2002
ANNUAL SEVEN-DAY MINIMUM	2.1	Aug 23	0.65	Sep 8	0.65	Sep 8 2002
MAXIMUM PEAK FLOW			289	Jan 24	3160	May 29 1973
MAXIMUM PEAK STAGE			3.57	Jan 24	16.96	May 29 1973
INSTANTANEOUS LOW FLOW					1.1	Jun 24 1986
ANNUAL RUNOFF (CFSM)	1.27		1.09		1.74	
ANNUAL RUNOFF (INCHES)	17.19		14.84		23.59	
10 PERCENT EXCEEDS	23		19		31	
50 PERCENT EXCEEDS	8.5		7.6		11	
90 PERCENT EXCEEDS	5.3		1.8		5.0	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02381600 FAUSETT CREEK NEAR TALKING ROCK, GA SOURCE AGENCY USGS STATE 13 COUNTY 123
LATITUDE 343413 LONGITUDE 0842808 NAD27 DRAINAGE AREA 9.99 CONTRIBUTING DRAINAGE AREA 9.99* DATUM 1311.74 NGVD29
Date Processed: 2003-03-11 12:54 By acday
APPROVED
DD #3
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.20	1.21	1.30	1.27	1.51	1.35	1.96	1.57	1.33	1.26	1.17	---
2	1.19	1.21	1.26	1.27	1.45	1.42	1.81	1.43	1.33	1.31	1.14	---
3	1.19	1.21	1.25	1.27	1.43	1.41	1.74	1.54	1.32	1.39	1.13	---
4	1.18	1.21	1.24	1.26	1.42	1.37	1.67	2.19	1.32	1.31	1.11	---
5	1.18	1.21	1.23	1.27	1.41	1.36	1.63	1.76	1.44	1.27	1.10	---
6	1.36	1.21	1.22	1.38	1.61	1.36	1.60	1.61	1.53	1.26	1.09	---
7	1.26	1.21	1.22	1.32	1.78	1.35	1.58	1.55	1.38	1.25	1.08	---
8	1.20	1.21	1.22	1.29	1.65	1.35	1.54	1.51	1.35	1.25	1.07	---
9	1.20	1.21	1.22	1.29	1.58	1.39	1.52	1.53	1.33	1.25	1.07	---
10	1.20	1.21	1.36	1.28	1.53	1.37	1.58	1.59	1.31	1.25	1.07	---
11	1.20	1.21	1.36	1.29	1.50	1.36	1.51	1.50	1.30	1.26	1.07	---
12	1.21	1.21	1.28	1.27	1.47	1.47	1.55	1.46	1.30	1.26	1.07	---
13	1.21	1.21	1.40	1.27	1.43	1.65	1.53	1.50	1.29	1.28	1.06	---
14	1.37	1.21	1.58	1.27	1.41	1.52	1.51	1.46	1.34	1.27	1.06	---
15	1.27	1.21	1.38	1.27	1.40	1.47	1.51	1.43	1.33	1.26	1.06	---
16	1.23	1.21	1.32	1.27	1.40	1.45	1.49	1.42	1.30	1.25	1.09	---
17	1.21	1.22	1.46	1.27	1.39	1.44	1.47	1.42	1.29	1.24	1.12	---
18	1.21	1.23	1.50	1.27	1.38	1.42	1.46	1.56	1.28	1.24	1.14	---
19	1.21	1.23	1.37	1.78	1.37	1.41	1.45	1.45	1.27	1.22	1.13	---
20	1.21	1.23	1.32	1.72	1.42	1.53	1.44	1.42	1.27	1.22	---	---
21	1.21	1.23	1.30	1.80	1.39	1.89	1.43	1.41	1.27	1.22	---	---
22	1.21	1.23	1.29	1.60	1.37	1.65	1.43	1.40	1.26	1.21	---	---
23	1.21	1.24	1.51	1.72	1.37	1.56	1.41	1.39	1.26	1.21	---	---
24	1.21	1.27	1.53	2.06	1.37	1.52	1.41	1.38	1.26	1.20	---	---
25	1.22	1.44	1.40	2.36	1.36	1.49	1.44	1.38	1.32	1.16	---	---
26	1.21	1.27	1.35	1.80	1.37	1.64	1.40	1.38	1.33	1.16	---	---
27	1.21	1.26	1.32	1.66	1.36	1.64	1.41	1.38	1.30	1.16	---	---
28	1.21	1.26	1.31	1.57	1.35	1.57	1.40	1.37	1.31	1.16	---	---
29	1.21	1.24	1.30	1.52	---	1.53	1.39	1.36	1.29	1.16	---	---
30	1.21	1.50	1.27	1.49	---	2.45	1.37	1.35	1.28	1.21	---	---
31	1.21	---	1.27	1.46	---	2.45	---	1.35	---	1.16	---	---
MEAN	1.22	1.24	1.33	1.47	1.45	1.54	1.52	1.49	1.32	1.24	---	---
MAX	1.37	1.50	1.58	2.36	1.78	2.45	1.96	2.19	1.53	1.39	---	---
MIN	1.18	1.21	1.22	1.26	1.35	1.35	1.37	1.35	1.26	1.16	---	---

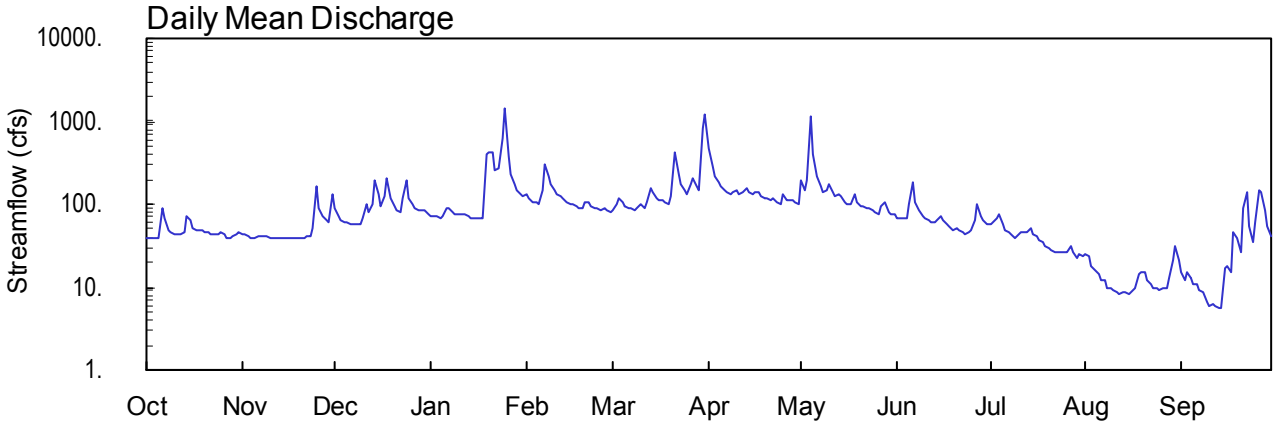
MOBILE RIVER BASIN

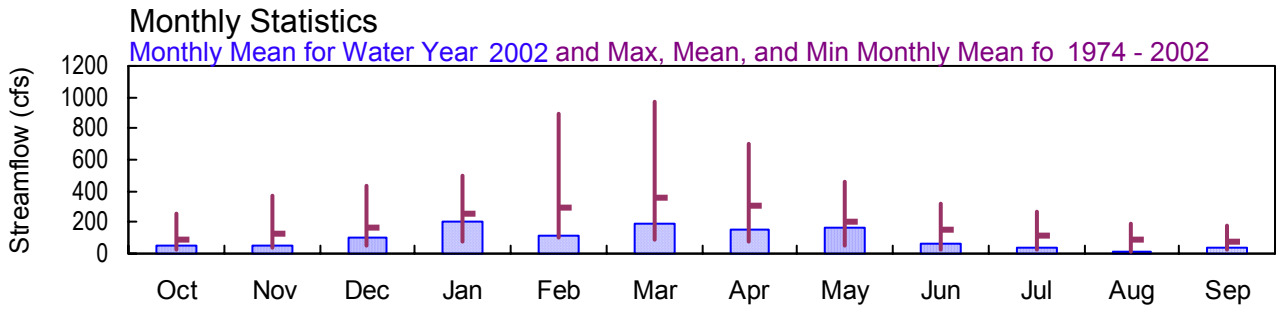
2002 Water Year

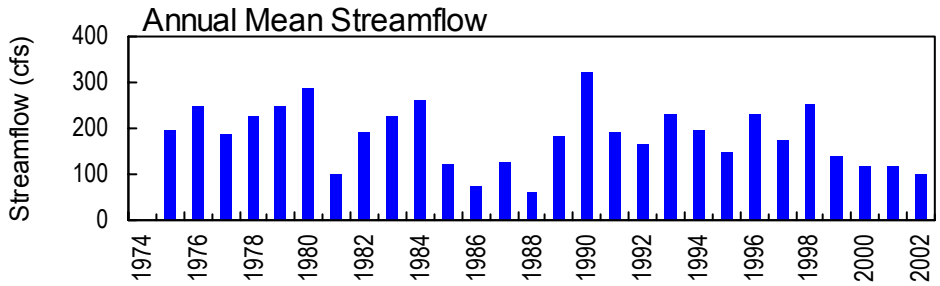
02382200 TALKING ROCK CREEK NEAR HINTON, GA

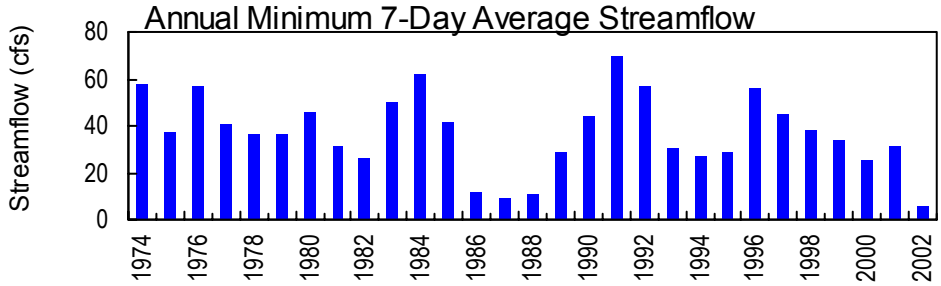
Latitude: 34°31'22" Longitude: 84°36'40" Hydrologic Unit Code: 03150102 Pickens County

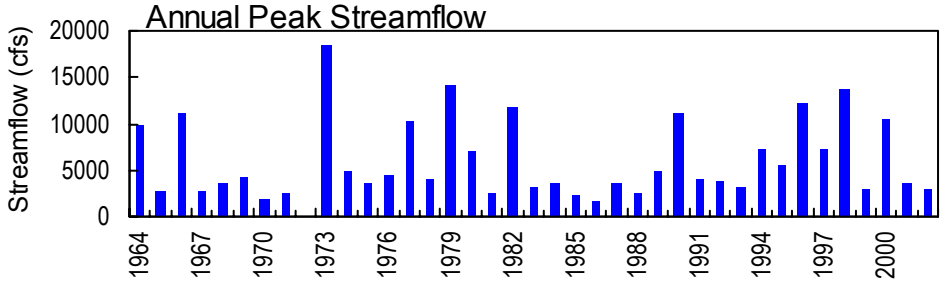
Drainage Area: 119. mi^2 Datum: 893.69 feet











MOBILE RIVER BASIN
2002 Water Year

02382200 TALKING ROCK CREEK NEAR HINTON, GA

LOCATION.—Lat 34°31'22", long 84°36'40" referenced to North American Datum (NAD) of 1983, Pickens County, Hydrologic Unit 03150102, on left bank, 300.0 feet downstream from Scarecorn Creek, and 3.3 miles northwest of Hinton.

DRAINAGE AREA.—119 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—November 1973 to current year.

REVISED RECORDS.—WDR GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 893.69 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records fair, except those for the period of estimated daily discharge, which is poor.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of May 28, 1973, reached a stage of 15.45 feet, from flood marks; discharge 18,400 ft^3/s from rating curve extended above 6,200 ft^3/s on basis of slope-area measurements of gage height 15.45 feet.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 2,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Jan. 25	0100	2,940*	6.12*

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 1973 to current year.

REVISED RECORDS.—WDR GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 893.69 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.12 feet, January 25; minimum gage-height recorded, 0.40 feet, September 12-15, but may have been lower during periods of missing record.

02382200 TALKING ROCK CREEK NEAR HINTON, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 8, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02382200 TALKING ROCK CREEK NEAR HINTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 227
LATITUDE 343122 LONGITUDE 0843640 NAD83 DRAINAGE AREA 119.00* CONTRIBUTING DRAINAGE AREA 119.00 DATUM 893.69 NGVD29
Date Processed: 2003-03-11 13:02 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	44	92	73	129	83	466	195	69	59	25	15
2	40	43	72	70	121	98	285	150	68	60	23	12
3	40	42	64	71	108	120	219	193	66	66	18	15
4	39	40	62	68	105	104	183	1160	66	74	16	13
5	40	39	61	71	98	94	163	391	101	59	14	11
6	88	42	58	88	149	92	149	216	187	49	12	11
7	66	41	59	90	306	89	138	166	103	45	12	9.1
8	48	41	56	81	221	87	131	143	86	43	9.9	8.7
9	45	41	58	77	172	90	138	147	71	40	9.7	6.6
10	43	40	68	76	151	100	151	170	66	41	9.0	6.0
11	43	38	98	77	135	90	134	142	64	46	8.7	6.2
12	44	39	78	74	122	106	139	126	62	45	8.2	5.8
13	46	39	98	70	116	153	153	129	60	45	8.9	5.6
14	73	39	197	68	107	137	140	122	64	50	8.8	5.6
15	64	40	129	69	102	118	131	108	72	44	8.3	17
16	52	39	94	68	99	110	138	101	63	42	9.0	18
17	48	39	127	67	96	111	142	100	57	37	10	15
18	48	38	201	67	92	104	125	129	53	34	14	46
19	48	38	116	411	90	99	121	106	49	31	15	40
20	46	40	94	421	103	127	118	96	50	30	15	26
21	45	40	84	423	106	414	113	93	48	28	12	92
22	43	41	79	255	93	232	115	89	45	27	11	136
23	44	41	116	268	91	172	108	88	44	26	9.9	54
24	44	51	191	615	88	147	102	85	45	26	10	35
25	47	166	119	1420	86	134	131	81	48	26	9.2	61
26	44	90	98	380	90	177	112	77	65	27	10	144
27	40	70	90	224	86	209	113	96	102	31	9.7	138
28	39	63	86	173	82	168	109	104	70	27	13	84
29	41	60	84	148	---	149	104	82	65	22	21	55
30	43	131	84	134	---	803	102	76	58	25	32	42
31	45	---	76	123	---	e1200	---	74	---	24	21	---
TOTAL	1474	1555	2989	6320	3344	5917	4473	5035	2067	1229	413.3	1133.6
MEAN	47.5	51.8	96.4	204	119	191	149	162	68.9	39.6	13.3	37.8
MAX	88	166	201	1420	306	1200	466	1160	187	74	32	144
MIN	38	38	56	67	82	83	102	74	44	22	8.2	5.6
CFSM	0.40	0.44	0.81	1.71	1.00	1.60	1.25	1.36	0.58	0.33	0.11	0.32
IN.	0.46	0.49	0.93	1.98	1.05	1.85	1.40	1.57	0.65	0.38	0.13	0.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2002, BY WATER YEAR (WY)

MEAN	93.6	132	169	257	288	356	308	210	148	113	83.9	74.0
MAX	260	366	439	500	895	964	697	455	322	264	188	178
(WY)	1990	1993	1984	1974	1990	1980	1979	1984	1989	1984	1984	1989
MIN	20.7	36.1	49.8	70.5	100	89.8	75.5	53.5	23.5	26.2	13.3	23.5
(WY)	1988	1988	1989	1981	1988	1988	1986	1988	1988	1988	2002	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1974 - 2002	
ANNUAL TOTAL	43560		35914.0			
ANNUAL MEAN	119		98.4		183	
HIGHEST ANNUAL MEAN					323	1990
LOWEST ANNUAL MEAN					62.7	1988
HIGHEST DAILY MEAN	1660	Jan 19	1420	Jan 25	6890	Mar 4 1979
LOWEST DAILY MEAN	33	Aug 11	4.3	Sep 11	4.3	Sep 11 2002
ANNUAL SEVEN-DAY MINIMUM	36	Aug 5	4.9	Sep 8	4.9	Sep 8 2002
MAXIMUM PEAK FLOW			2940	Jan 25	14100	Mar 4 1979
MAXIMUM PEAK STAGE			6.12	Jan 25	14.18	Mar 4 1979
ANNUAL RUNOFF (CFSM)	1.00		0.83		1.54	
ANNUAL RUNOFF (INCHES)	13.62		11.23		20.91	
10 PERCENT EXCEEDS	205		166		329	
50 PERCENT EXCEEDS	87		71		120	
90 PERCENT EXCEEDS	41		15		44	

e Estimated

STATION NUMBER 02382200 TALKING ROCK CREEK NEAR HINTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 227
LATITUDE 343122 LONGITUDE 0843640 NAD83 DRAINAGE AREA 119.00 CONTRIBUTING DRAINAGE AREA 119.00* DATUM 893.69 NGVD29
Date Processed: 2003-03-11 13:00 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.92	0.98	1.24	1.12	1.44	1.18	2.53	1.77	1.25	1.14	0.82	0.68
2	0.94	0.97	1.11	1.10	1.40	1.27	2.08	1.60	1.25	1.14	0.78	0.63
3	0.94	0.96	1.06	1.11	1.34	1.40	1.87	1.76	1.23	1.18	0.71	0.66
4	0.93	0.94	1.05	1.09	1.32	1.31	1.74	3.68	1.23	1.24	0.68	0.63
5	0.94	0.93	1.04	1.11	1.28	1.26	1.66	2.42	1.44	1.13	0.65	0.59
6	1.27	0.96	1.01	1.21	1.49	1.24	1.60	1.94	1.82	1.05	0.61	0.59
7	1.15	0.95	1.02	1.23	2.08	1.22	1.55	1.75	1.46	1.02	0.61	0.53
8	1.02	0.95	1.00	1.17	1.81	1.21	1.52	1.65	1.36	1.00	0.57	0.51
9	0.99	0.95	1.01	1.15	1.63	1.23	1.55	1.67	1.26	0.97	0.56	0.45
10	0.97	0.94	1.09	1.15	1.54	1.29	1.61	1.77	1.24	0.98	0.55	0.42
11	0.97	0.92	1.28	1.15	1.47	1.24	1.53	1.65	1.22	1.03	0.54	0.42
12	0.98	0.93	1.15	1.13	1.41	1.32	1.55	1.58	1.21	1.02	0.53	0.40
13	1.00	0.93	1.26	1.10	1.37	1.54	1.62	1.59	1.19	1.02	0.55	0.40
14	1.19	0.93	1.71	1.09	1.33	1.48	1.56	1.56	1.22	1.06	0.54	0.40
15	1.14	0.94	1.44	1.10	1.31	1.38	1.52	1.49	1.28	1.01	0.53	0.60
16	1.05	0.93	1.26	1.08	1.29	1.35	1.54	1.45	1.21	0.99	0.55	0.65
17	1.01	0.93	1.37	1.08	1.27	1.35	1.57	1.44	1.17	0.94	0.57	0.61
18	1.01	0.92	1.73	1.08	1.25	1.31	1.49	1.59	1.14	0.91	0.64	0.97
19	1.01	0.92	1.37	1.99	1.24	1.29	1.47	1.47	1.11	0.88	0.67	0.91
20	1.00	0.94	1.26	2.35	1.31	1.41	1.46	1.42	1.11	0.87	0.66	0.77
21	0.99	0.94	1.19	2.35	1.32	2.35	1.43	1.40	1.09	0.85	0.62	1.28
22	0.97	0.95	1.16	1.92	1.26	1.85	1.44	1.38	1.07	0.84	0.59	1.51
23	0.98	0.95	1.33	1.97	1.24	1.62	1.41	1.37	1.06	0.82	0.57	1.06
24	0.98	1.04	1.69	2.60	1.22	1.52	1.37	1.36	1.07	0.82	0.58	0.89
25	1.00	1.58	1.39	4.09	1.20	1.46	1.52	1.33	1.09	0.82	0.55	1.07
26	0.98	1.23	1.28	2.28	1.23	1.62	1.42	1.31	1.23	0.83	0.58	1.57
27	0.94	1.10	1.23	1.82	1.21	1.77	1.43	1.42	1.39	0.88	0.56	1.54
28	0.93	1.05	1.21	1.63	1.18	1.61	1.41	1.46	1.21	0.83	0.63	1.27
29	0.95	1.03	1.19	1.53	---	1.53	1.39	1.34	1.18	0.78	0.76	1.07
30	0.97	1.43	1.19	1.46	---	2.97	1.37	1.30	1.12	0.80	0.89	0.96
31	0.99	---	1.14	1.41	---	5.58	---	1.29	---	0.80	0.76	---
MEAN	1.00	1.00	1.24	1.54	1.37	1.62	1.57	1.62	1.23	0.96	0.63	0.80

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02382200 TALKING ROCK CREEK NEAR HINTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 227
LATITUDE 343122 LONGITUDE 0843640 NAD83 DRAINAGE AREA 119.00 CONTRIBUTING DRAINAGE AREA 119.00* DATUM 893.69 NGVD29
Date Processed: 2003-03-11 13:00 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.93	0.00	0.10	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.19	0.01	0.00	0.00	0.00
3	0.00	0.00	0.00	0.01	0.03	0.08	0.00	0.49	0.01	0.01	0.00	0.01
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.09	0.00	0.00
5	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.02	0.00	0.00	0.01
6	0.82	0.00	0.01	0.52	1.20	0.00	0.00	0.06	0.08	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.05	0.00	0.00	0.00	0.00
8	0.00	0.00	0.02	0.00	0.00	0.00	0.06	0.03	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.32	0.20	0.04	0.00	0.00	0.00	0.00
10	0.00	0.00	0.85	0.00	0.01	0.00	0.00	0.04	0.00	0.72	0.00	0.00
11	0.01	0.00	0.00	0.08	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00
12	0.04	0.00	0.00	0.00	0.00	0.43	0.36	0.03	0.00	0.00	0.00	0.00
13	0.08	0.00	0.66	0.00	0.00	0.11	0.00	0.03	0.01	0.34	0.00	0.54
14	0.48	0.00	0.63	0.00	0.00	0.00	0.00	0.02	0.30	0.05	0.00	0.50
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.02	0.06
16	0.00	0.00	0.00	0.00	0.00	0.19	0.20	0.02	0.00	0.00	0.01	0.00
17	0.00	0.00	0.69	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	1.13
18	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.07	0.51
19	0.00	0.00	0.00	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.38	0.99	0.00	0.01	0.22	0.00	0.00	0.66
21	0.00	0.00	0.00	0.73	0.00	0.38	0.00	0.01	0.00	0.01	0.00	1.49
22	0.00	0.00	0.00	0.10	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.19
23	0.00	0.34	0.97	0.46	0.00	0.00	0.00	0.01	0.04	0.03	0.00	0.00
24	0.00	0.62	0.00	2.09	0.00	0.01	0.00	0.01	0.02	0.00	0.00	0.00
25	0.16	1.54	0.00	0.03	0.00	0.00	0.59	0.01	0.11	0.00	0.08	1.90
26	0.00	0.00	0.00	0.00	0.09	0.77	0.13	0.01	0.65	0.30	0.00	0.31
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.23	0.00	0.02	0.32
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.00	0.01	0.00
29	0.00	0.27	0.00	0.00	---	0.00	0.00	0.01	0.01	0.47	0.10	0.00
30	0.00	0.78	0.00	0.00	---	2.54	0.14	0.01	0.00	0.06	0.00	0.00
31	0.00	---	0.00	0.00	---	0.31	---	0.01	---	0.01	0.00	---
TOTAL	1.60	3.55	3.83	6.13	2.28	6.48	1.71	2.48	1.77	2.26	0.31	7.63

MOBILE RIVER BASIN
2002 Water Year

02382400 CARTERS RE-REGULATION LAKE NEAR CARTERS, GA

LOCATION.—Lat 34°36'15", long 84°41'29" referenced to North American Datum (NAD) of 1927, Murray County, Hydrologic Unit 03150102, at afterbay of main dam, on Coosawattee River, 0.2 miles downstream from Talking Rock Creek, 0.2 miles upstream from Louisville and Nashville Railway bridge, 1.5 miles downstream from main dam and at mile 25.3.

DRAINAGE AREA.—520 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1975 to current year.

REVISED RECORDS.—WRD GA-80-1: Drainage area. WRD GA-9301: 1989-91.

GAGE.—Water stage recorder. Datum of gage is 600.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Reservoir is formed by concrete gravity dam with earth dikes on either side. Spillway (crest elevation, 662.5 feet) is equipped with four tainter gages 42.0 feet wide by 36.5 feet high. Capacity at maximum storage pool elevation, 698.00 feet, is 17,600 acre-feet. Dead storage is 290 acre-feet. The reservoir is used for storage and re-regulation of power releases from Carters main dam.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height, 44.98 feet, May 24; minimum gage-height, 23.73 feet, January 28.

STATION NUMBER 02382400 CARTERS RE-REGULATION LAKE NEAR CARTERS, GA LAKE SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 343615 LONGITUDE 0844129 NAD27 DATUM 600.00 NGVD29
Date Processed: 2003-03-08 10:42 By bemccall
APPROVED
DD #1
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.53	36.75	39.34	30.04	32.92	43.26	36.78	35.46	38.61	31.65	39.19	34.04
2	34.31	36.58	37.59	31.43	32.87	41.14	37.14	39.14	34.60	34.01	40.02	30.86
3	36.41	36.00	34.07	36.52	31.22	37.34	38.64	41.07	31.98	35.42	39.05	31.65
4	38.60	32.22	36.00	38.18	33.98	37.10	39.92	42.40	35.00	36.70	35.58	31.98
5	40.65	28.94	34.96	37.48	38.41	40.99	41.83	40.90	37.65	38.65	33.75	32.76
6	40.46	32.51	34.40	30.56	37.58	41.62	40.66	38.85	40.50	38.47	36.24	34.17
7	36.91	35.01	35.59	30.23	38.82	42.54	38.59	36.51	41.75	34.46	38.31	35.58
8	35.43	36.53	34.49	36.72	40.14	43.20	35.11	34.84	39.82	32.33	39.73	32.93
9	37.50	38.03	28.93	38.25	39.57	40.93	35.09	34.46	35.16	34.32	40.72	30.32
10	39.33	38.12	30.54	36.24	35.70	37.07	35.63	36.22	32.43	35.96	40.05	34.66
11	40.80	34.67	34.93	35.87	34.18	37.60	35.60	34.16	34.75	37.90	36.68	36.14
12	42.02	32.98	36.64	33.72	36.43	38.49	37.02	33.50	38.44	38.94	34.71	37.56
13	40.29	35.25	37.58	28.82	37.58	39.89	37.57	33.28	39.14	39.09	35.69	38.54
14	36.66	37.25	38.29	30.62	38.88	40.21	34.57	33.17	37.97	34.04	36.35	37.60
15	34.71	39.16	38.16	33.56	39.67	39.96	31.63	31.47	36.89	30.81	37.14	33.51
16	36.68	40.56	34.53	35.93	36.64	37.20	33.78	33.79	32.00	31.67	37.72	30.46
17	39.41	39.09	32.50	38.46	31.77	33.39	37.15	36.60	27.71	34.78	36.75	31.19
18	40.83	35.63	35.31	38.86	30.49	32.33	39.16	37.47	28.99	38.27	34.74	33.42
19	40.40	33.91	36.17	37.17	33.68	35.17	40.20	33.11	30.19	41.37	35.57	35.20
20	38.60	36.56	37.16	34.73	33.93	36.29	40.47	31.36	32.17	41.31	37.82	36.35
21	35.10	39.34	38.51	33.55	34.48	38.66	37.29	30.52	35.92	37.36	39.18	37.24
22	33.54	41.30	37.62	35.89	34.70	42.17	34.29	30.67	36.19	35.09	40.32	35.63
23	35.94	41.02	33.38	35.67	33.09	42.60	34.52	34.29	32.53	36.63	41.78	33.67
24	37.53	40.85	30.21	34.96	31.31	39.98	33.01	39.90	30.44	38.03	41.42	35.50
25	38.65	37.07	31.38	37.86	33.23	37.13	33.28	41.84	32.35	39.64	37.29	36.42
26	40.03	35.39	31.34	36.06	33.19	36.63	34.39	38.67	34.46	41.45	34.92	37.40
27	39.88	36.29	34.54	30.19	35.50	37.26	34.90	36.08	36.73	41.85	35.98	37.15
28	36.17	35.93	36.74	27.87	40.22	38.74	29.47	34.85	38.41	38.63	37.78	36.19
29	35.14	36.95	35.53	30.03	---	39.08	28.56	35.44	37.89	37.15	38.79	33.92
30	37.43	38.59	30.15	31.17	---	37.00	32.49	36.43	33.89	38.33	39.36	32.43
31	37.00	---	29.05	32.64	---	36.98	---	38.23	---	38.89	38.45	---
MEAN	37.68	36.62	34.70	34.17	35.36	38.77	35.96	35.96	35.15	36.88	37.78	34.48
MAX	42.02	41.30	39.34	38.86	40.22	43.26	41.83	42.40	41.75	41.85	41.78	38.54
MIN	31.53	28.94	28.93	27.87	30.49	32.33	28.56	30.52	27.71	30.81	33.75	30.32

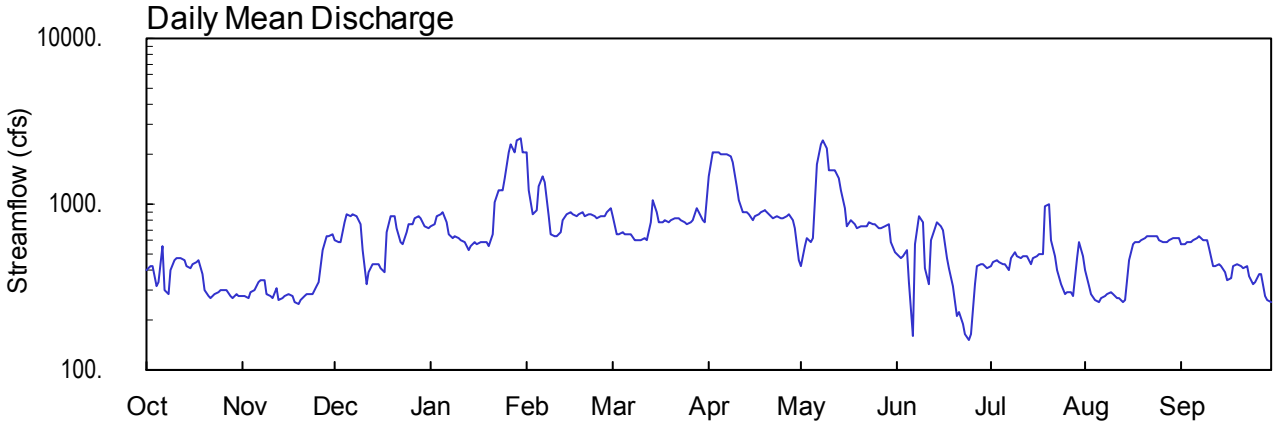
MOBILE RIVER BASIN

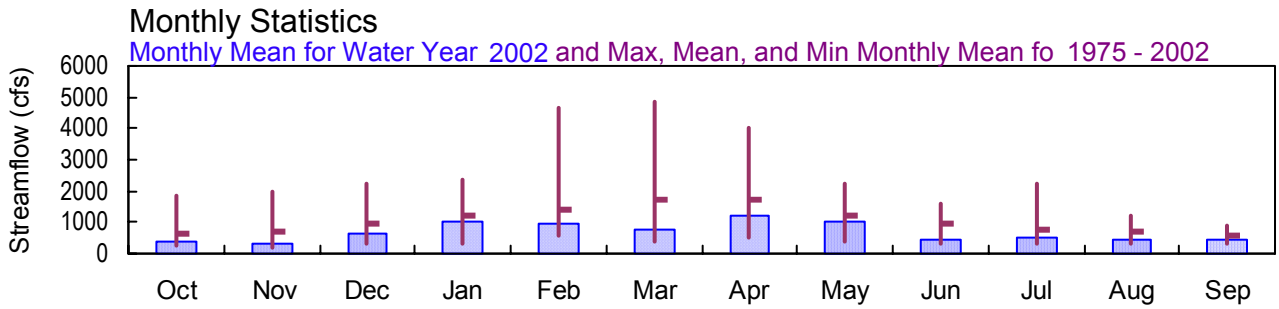
2002 Water Year

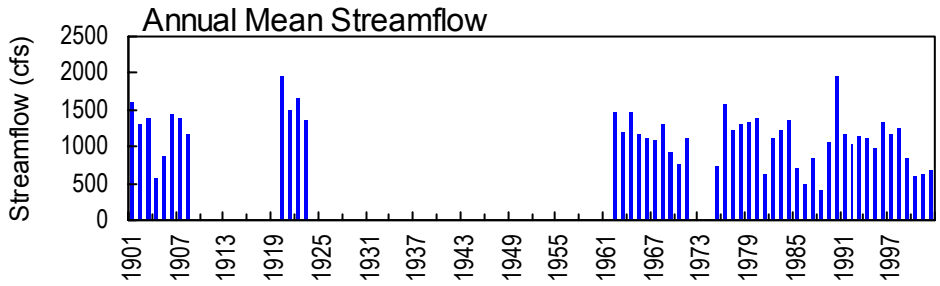
02382500 COOSAWATTEE RIVER AT CARTERS, GA

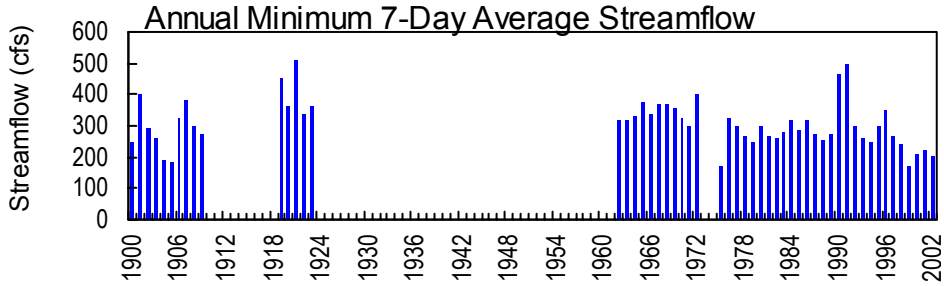
Latitude: 34°36'13" Longitude: 84°41'44" Hydrologic Unit Code: 03150102 Murray County

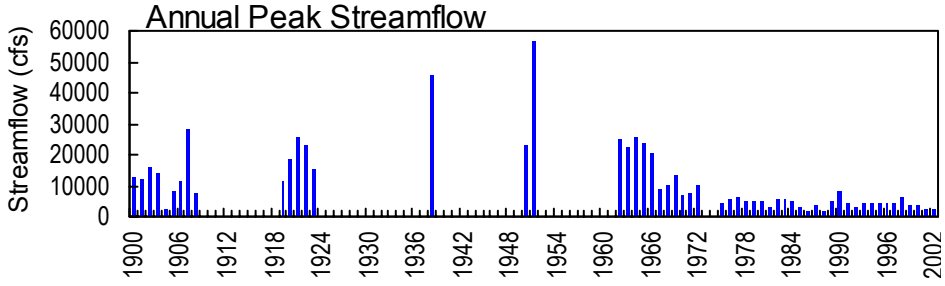
Drainage Area: 521. mi^2 Datum: 650.67 feet











MOBILE RIVER BASIN
2002 Water Year

02382500 COOSAWATTEE RIVER AT CARTERS, GA

LOCATION.—Lat 34°36'13", long 84°41'44" referenced to North American Datum (NAD) of 1927, Murray County, Hydrologic Unit 03150102, on downstream side of center bridge pier on US 411 at Carters, 200.0 feet upstream from Louisville & Nashville Railroad bridge, 0.4 miles downstream from Carters re-regulation dam, and 0.6 miles downstream from Talking Rock Creek.

DRAINAGE AREA.—521 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—September 1896 to December 1908, October 1918 to September 1923, October 1961 to September 1972, October 1974 to current year. Monthly discharge only for October to November 1918 published in WSP 1304.

REVISED RECORDS.—WDR GA-80-1: Drainage area.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 650.67 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Corps of Engineers). Prior to September 1923, a non-recording gage was located at a site 0.2 miles upstream at datum 2.00 feet higher.

REMARKS.—Records good. Flow regulated by Carters Lake and Carters re-regulation dam since November 1974. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of March 29 or 30, 1951, reached a stage of about 36 feet, from flood marks; discharge 57,000 ft^3/s, from rating curve extended above 24,000 ft^3/s.

WATER-STAGE RECORDS

PERIOD OF RECORD.—September 1896 to December 1908, October 1918 to September 1923, October 1961 to September 1972, October 1974 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 650.67 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Corps of Engineers). Prior to September 1923, a non-recording gage was located at a site 0.2 miles upstream at datum 2.00 feet higher.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 8.54 feet, June 30; minimum gage-height recorded, 2.40 feet, January 31, due to regulation of upstream dam.

STATION NUMBER 02382500 COOSAWATTEE RIVER AT CARTERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 343613 LONGITUDE 0844144 NAD27 DRAINAGE AREA 521.00* CONTRIBUTING DRAINAGE AREA 521 DATUM 650.67 NGVD29
Date Processed: 2003-03-11 12:58 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	401	280	603	743	2040	848	1480	429	504	424	402	579
2	425	278	584	767	1220	654	2040	555	476	447	319	575
3	422	272	584	851	878	658	2060	630	492	460	287	584
4	325	298	781	876	922	675	2080	597	523	444	266	589
5	335	304	881	890	1280	664	2000	624	339	430	254	602
6	551	335	850	789	1480	651	2010	1760	159	435	270	618
7	300	351	870	668	1360	652	2020	2300	582	399	281	635
8	288	344	850	624	853	614	1960	2460	838	473	287	605
9	404	284	757	639	661	600	1770	2170	770	511	291	600
10	458	283	532	618	645	606	1280	1600	414	489	287	537
11	468	269	332	614	645	623	1070	1600	328	475	271	419
12	469	315	393	589	671	615	896	1590	614	484	270	428
13	456	262	432	527	798	775	906	1430	725	484	259	433
14	429	271	440	552	880	1050	860	1220	787	436	263	426
15	414	282	435	587	889	897	811	956	727	478	458	393
16	430	289	407	578	866	772	849	737	703	488	577	351
17	450	280	392	587	852	778	880	793	474	506	592	363
18	459	260	673	590	870	793	896	768	413	503	590	422
19	375	247	841	594	906	784	912	710	324	974	599	434
20	302	265	858	560	858	801	883	742	214	998	620	426
21	282	280	709	652	867	816	842	727	225	601	633	408
22	270	290	597	1030	871	814	825	733	191	488	635	428
23	284	287	576	1230	846	800	843	781	167	403	634	371
24	293	286	672	1230	813	770	828	755	151	329	643	333
25	300	318	767	1440	846	767	834	764	163	286	610	340
26	307	342	765	2070	847	775	853	720	334	294	584	382
27	305	525	819	2290	886	796	861	707	425	295	594	382
28	283	639	853	2040	955	934	794	743	435	279	613	283
29	275	649	834	2410	---	890	711	763	431	479	622	266
30	287	664	745	2530	---	792	457	590	410	593	625	255
31	283	---	724	2030	---	785	---	507	---	492	616	---
TOTAL	11330	10049	20556	32195	26505	23449	35511	31461	13338	14877	14252	13467
MEAN	365	335	663	1039	947	756	1184	1015	445	480	460	449
MAX	551	664	881	2530	2040	1050	2080	2460	838	998	643	635
MIN	270	247	332	527	645	600	457	429	151	279	254	255
CFSM	0.70	0.64	1.27	1.99	1.82	1.45	2.27	1.95	0.85	0.92	0.88	0.86
IN.	0.81	0.72	1.47	2.30	1.89	1.67	2.54	2.25	0.95	1.06	1.02	0.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2002, BY WATER YEAR (WY)

MEAN	608	734	947	1222	1423	1727	1694	1222	932	790	674	552
MAX	1852	2008	2211	2384	4651	4861	4004	2217	1573	2247	1219	871
(WY)	1990	1978	1983	1978	1990	1990	1977	1984	1989	1976	1984	1990
MIN	224	222	289	309	572	369	530	407	330	328	311	299
(WY)	1999	1999	1989	1988	2000	1988	1986	1986	1988	1988	1993	1998

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1975 - 2002	
ANNUAL TOTAL	239782		246990			
ANNUAL MEAN	657		677		1042	
HIGHEST ANNUAL MEAN					1945	1990
LOWEST ANNUAL MEAN					399	1988
HIGHEST DAILY MEAN	2450	Jun 5	2530	Jan 30	6580	Feb 16 1990
LOWEST DAILY MEAN	187	Jan 8	151	Jun 24	122	Nov 15 1974
ANNUAL SEVEN-DAY MINIMUM	221	Jan 12	205	Jun 19	172	Nov 27 1998
MAXIMUM PEAK FLOW			2720	Jan 30	8370	Feb 16 1990
MAXIMUM PEAK STAGE			8.53	Jan 30	18.94	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.26		1.30		2.00	
ANNUAL RUNOFF (INCHES)	17.12		17.64		27.16	
10 PERCENT EXCEEDS	1190		1010		2070	
50 PERCENT EXCEEDS	602		600		784	
90 PERCENT EXCEEDS	283		283		315	

STATION NUMBER 02382500 COOSAWATTEE RIVER AT CARTERS, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 343613 LONGITUDE 0844144 NAD27 DRAINAGE AREA 521.00 CONTRIBUTING DRAINAGE AREA 521* DATUM 650.67 NGVD29
Date Processed: 2003-03-11 12:56 By acday
APPROVED
DD #3
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.29	3.97	4.81	5.13	7.42	5.34	6.44	4.37	4.87	4.66	4.30	4.75
2	4.36	3.96	4.76	5.18	6.05	4.92	7.43	4.68	4.80	4.72	4.07	4.74
3	4.35	3.95	4.76	5.36	5.41	4.93	7.46	4.87	4.84	4.76	3.99	4.76
4	4.09	4.02	5.20	5.41	5.50	4.97	7.49	4.79	4.92	4.71	3.93	4.77
5	4.12	4.03	5.42	5.44	6.16	4.95	7.37	4.86	4.45	4.68	3.90	4.80
6	4.62	4.12	5.35	5.23	6.53	4.92	7.38	6.88	3.98	4.69	3.94	4.84
7	4.02	4.16	5.40	4.95	6.31	4.92	7.39	7.85	4.94	4.60	3.97	4.88
8	3.99	4.14	5.35	4.85	5.35	4.83	7.30	8.11	5.53	4.79	3.99	4.81
9	4.30	3.98	5.16	4.89	4.94	4.80	6.99	7.64	5.41	4.89	4.00	4.80
10	4.44	3.98	4.61	4.84	4.90	4.81	6.19	6.73	4.62	4.83	3.99	4.64
11	4.47	3.94	4.11	4.83	4.90	4.85	5.79	6.73	4.41	4.80	3.94	4.34
12	4.47	4.06	4.27	4.77	4.96	4.83	5.45	6.72	5.07	4.82	3.94	4.36
13	4.44	3.92	4.37	4.62	5.24	5.18	5.47	6.47	5.33	4.82	3.91	4.38
14	4.37	3.94	4.40	4.68	5.42	5.75	5.38	6.15	5.44	4.70	3.92	4.36
15	4.33	3.97	4.38	4.77	5.44	5.45	5.27	5.72	5.33	4.81	4.43	4.27
16	4.37	3.99	4.31	4.74	5.39	5.19	5.35	5.35	5.29	4.83	4.74	4.16
17	4.42	3.97	4.27	4.77	5.36	5.20	5.42	5.45	4.76	4.88	4.78	4.19
18	4.45	3.91	4.94	4.78	5.39	5.23	5.45	5.41	4.63	4.87	4.78	4.35
19	4.22	3.89	5.34	4.78	5.47	5.22	5.48	5.30	4.41	5.65	4.80	4.38
20	4.03	3.93	5.37	4.70	5.37	5.25	5.42	5.36	4.12	5.62	4.85	4.36
21	3.97	3.97	5.04	4.91	5.39	5.28	5.34	5.33	4.15	4.80	4.88	4.31
22	3.94	3.99	4.79	5.71	5.40	5.28	5.30	5.34	4.07	4.52	4.88	4.36
23	3.98	3.99	4.74	6.09	5.35	5.25	5.34	5.43	4.01	4.30	4.88	4.21
24	4.00	3.99	4.96	6.10	5.28	5.18	5.31	5.38	3.97	4.10	4.90	4.11
25	4.02	4.07	5.18	6.45	5.35	5.18	5.32	5.40	4.00	3.99	4.82	4.13
26	4.04	4.14	5.17	7.49	5.35	5.19	5.36	5.32	4.43	4.01	4.76	4.24
27	4.03	4.60	5.29	7.84	5.43	5.24	5.38	5.29	4.67	4.01	4.78	4.24
28	3.98	4.89	5.36	7.43	5.57	5.52	5.24	5.36	4.69	3.97	4.83	3.98
29	3.96	4.91	5.32	8.04	---	5.43	5.05	5.40	4.68	4.48	4.85	3.93
30	3.99	4.95	5.13	8.22	---	5.23	4.43	5.05	4.63	4.78	4.86	3.91
31	3.98	---	5.08	7.17	---	5.22	---	4.88	---	4.53	4.84	---
MEAN	4.19	4.11	4.92	5.62	5.52	5.15	5.93	5.73	4.68	4.67	4.43	4.41

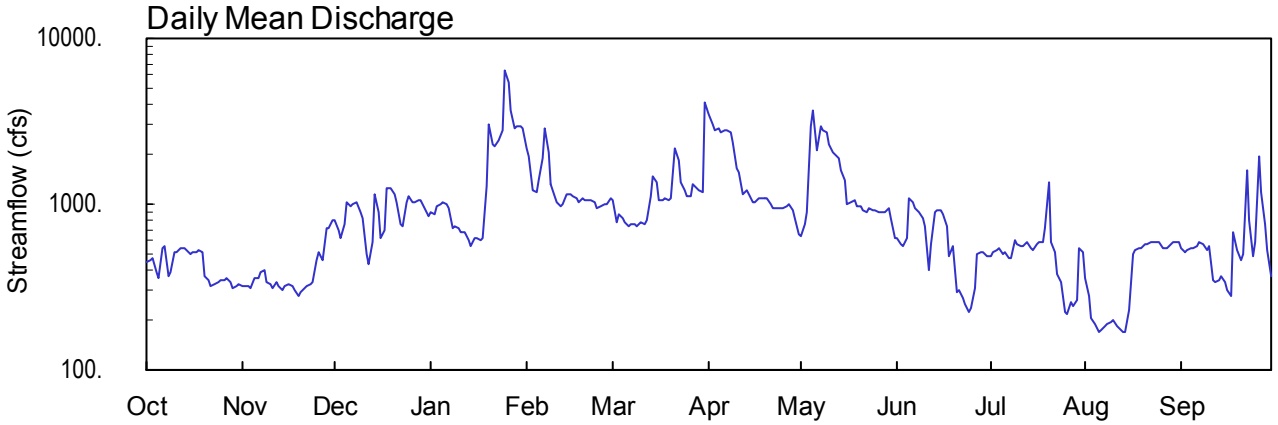
MOBILE RIVER BASIN

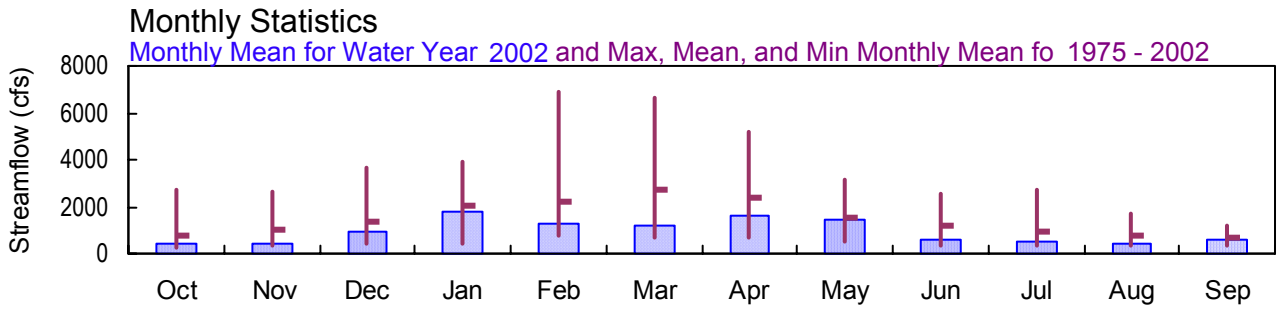
2002 Water Year

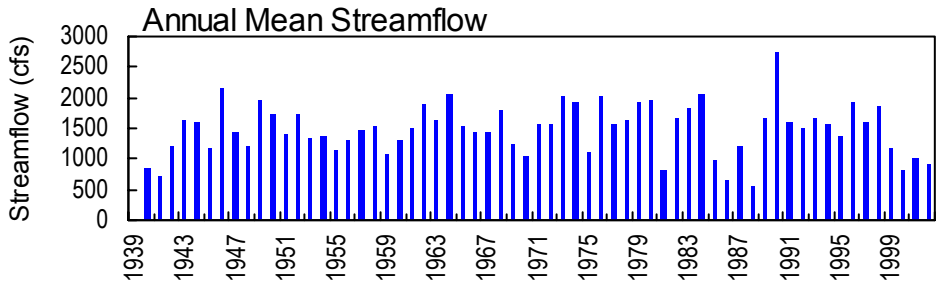
02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA

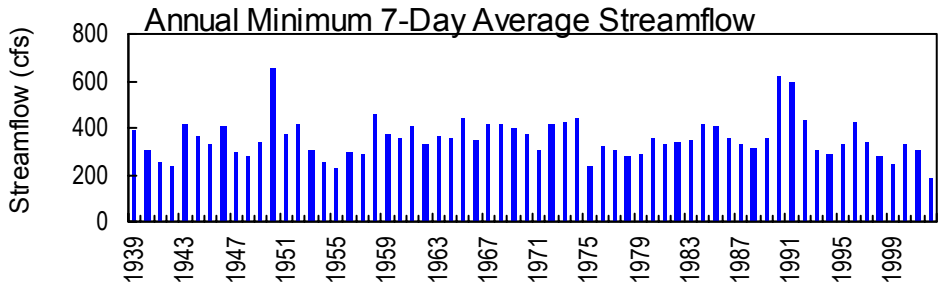
Latitude: 34°33'51" Longitude: 84°49'59" Hydrologic Unit Code: 03150102 Gordon County

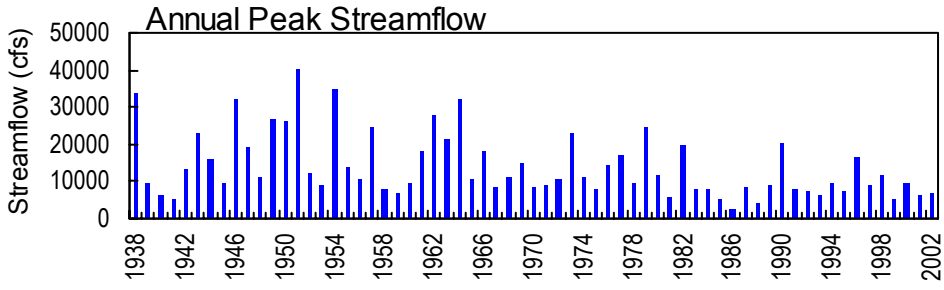
Drainage Area: 831. mi^2 Datum: 616.16 feet











MOBILE RIVER BASIN
2002 Water Year

02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA

LOCATION.—Lat 34°33'51", long 84°49'59", Gordon County, Hydrologic Unit 03150102, on the downstream side of right bank pier of Owens Bridge on Owens Gin Road, 1.4 miles downstream from Sallacoa Creek, 8.7 miles upstream from confluence with Conasauga River, and 2.4 miles east of Pine Chapel.

DRAINAGE AREA.—831 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1938 to current year. Prior to October 1976, published as Coosawattee River at Pine Chapel, GA. Monthly discharge only for October to November 1938, published in WSP 1304.

REVISED RECORDS.—WDR GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 616.16 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Since October 1, 1976, auxiliary water-stage recorder at highway bridge 2.2 miles downstream. Prior to February 23, 1940, a non-recording gage was located at current auxiliary gage site and same datum. From February 23, 1940, to April 8, 1975, a water-stage recorder was located at current auxiliary gage site and same datum. From February 23, 1940, to April 8, 1975, an auxiliary water-stage recorder was located at current gage site. From April 9, 1975, to September 30, 1976, a water-stage recorder on Oostanaula River at Resaca used as auxiliary gage, due to bridge construction.

REMARKS.—Records good. Flow regulated by Carters Lake and Carters Re-regulation Dam. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood of Apr. 8, 1938, reached a stage of 30.0 feet from gage reading at current auxiliary gage discharge 34,000 ft^3/s.

02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1938 to current year. Prior to October 1976, published as Coosawattee River at Pine Chapel, GA.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 616.16 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Since October 1, 1976, auxiliary water-stage recorder at highway bridge 2.2 miles downstream. Prior to February 23, 1940, a non-recording gage was located at current auxiliary gage site and same datum. From February 23, 1940, to April 8, 1975, a water-stage recorder was located at current auxiliary gage site and same datum. From February 23, 1940, to April 8, 1975, an auxiliary water-stage recorder was located at current gage site. From April 9, 1975, to September 30, 1976, a water-stage recorder on Oostanaula River at Resaca used as auxiliary gage, due to bridge construction.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 19.81 feet, January 25; minimum gage-height recorded, 3.51 feet, August 5-6.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 14, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343351 LONGITUDE 0844959 NAD83 DRAINAGE AREA 831.00 CONTRIBUTING DRAINAGE AREA 831.00* DATUM 616.16 NGVD29
Date Processed: 2003-03-11 15:02 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	443	325	793	884	2180	e1050	e3440	646	619	490	361	541
2	454	322	695	872	e1950	769	e3020	763	577	514	277	516
3	475	325	627	967	1220	868	e2830	904	557	530	206	530
4	392	314	767	1010	1170	833	e2850	2930	627	550	189	536
5	363	355	1040	1020	1380	786	e2750	3660	e1100	494	168	545
6	550	358	980	994	1910	742	e2770	2140	e1020	518	172	562
7	559	387	1000	951	2840	756	e2790	2940	e933	475	183	594
8	369	398	1020	724	2070	751	e2730	2830	e898	467	190	573
9	388	340	907	727	1310	737	e2390	2730	e819	606	194	525
10	511	328	826	710	1110	769	e1660	2290	e740	580	200	561
11	520	314	504	685	1020	757	1560	2080	399	566	184	352
12	542	343	434	672	971	792	1160	1980	573	566	178	340
13	538	319	595	607	1010	1120	1200	1900	886	588	170	349
14	527	307	1140	566	1160	1480	1140	1600	922	547	170	366
15	502	317	903	619	1150	1340	1040	1410	926	531	233	339
16	508	327	626	630	1120	1060	1030	1010	882	580	506	301
17	516	325	e700	610	1080	1070	1090	1030	728	598	531	281
18	525	307	e1250	625	1040	1090	1080	1060	480	593	546	686
19	508	283	1250	1290	1090	1060	1090	967	551	718	536	535
20	369	292	1140	3000	1050	1080	1080	963	291	1360	569	465
21	346	309	1030	2310	1070	2180	996	932	304	597	582	504
22	320	319	752	2230	1050	1850	955	903	274	520	594	1590
23	327	327	727	2460	1020	1370	952	944	250	378	587	801
24	335	340	1020	2820	952	1210	941	919	225	342	597	480
25	346	466	1110	6470	e980	1120	947	929	239	223	596	583
26	353	511	1020	5480	e1000	1130	965	884	313	217	542	1920
27	360	466	1030	3640	e1010	1330	1000	897	501	256	545	1180
28	338	714	1050	2850	e1100	1250	922	907	520	241	565	748
29	316	712	1050	2980	---	e1230	832	937	521	267	584	522
30	325	811	945	2920	---	e1170	658	828	486	537	586	366
31	328	---	843	2880	---	e4060	---	617	---	507	593	---
TOTAL	13253	11561	27774	55203	36013	36810	47868	45530	18161	15956	12134	18191
MEAN	428	385	896	1781	1286	1187	1596	1469	605	515	391	606
MAX	559	811	1250	6470	2840	4060	3440	3660	1100	1360	597	1920
MIN	316	283	434	566	952	737	658	617	225	217	168	281
CFSM	0.51	0.46	1.08	2.14	1.55	1.43	1.92	1.77	0.73	0.62	0.47	0.73
IN.	0.59	0.52	1.24	2.47	1.61	1.65	2.14	2.04	0.81	0.71	0.54	0.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2002, BY WATER YEAR (WY)

MEAN	784	1034	1381	2006	2255	2755	2399	1571	1150	963	796	664
MAX	2717	2653	3629	3883	6921	6657	5219	3191	2558	2706	1664	1200
(WY)	1990	1978	1983	1978	1990	1990	1977	1984	1989	1976	1984	1989
MIN	296	340	409	438	806	642	688	502	353	349	365	347
(WY)	1979	1988	1988	1981	2000	1988	1986	1986	1988	1988	1993	1993

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1975 - 2002	
ANNUAL TOTAL	372927		338454			
ANNUAL MEAN	1022		927		1476	
HIGHEST ANNUAL MEAN					2741	1990
LOWEST ANNUAL MEAN					562	1988
HIGHEST DAILY MEAN	5550	Jan 20	6470	Jan 25	17900	Apr 14 1979
LOWEST DAILY MEAN	283	Nov 19	168	Aug 5	168	Aug 5 2002
ANNUAL SEVEN-DAY MINIMUM	308	Nov 14	184	Aug 8	184	Aug 8 2002
MAXIMUM PEAK FLOW			7050	Jan 25	24900	Mar 4 1979
MAXIMUM PEAK STAGE			19.81	Jan 25	30.07	Mar 4 1979
ANNUAL RUNOFF (CFSM)	1.23		1.12		1.78	
ANNUAL RUNOFF (INCHES)	16.69		15.15		24.13	
10 PERCENT EXCEEDS	2050		1930		3180	
50 PERCENT EXCEEDS	727		714		1030	
90 PERCENT EXCEEDS	354		317		388	

e Estimated

STATION NUMBER 02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343351 LONGITUDE 0844959 NAD83 DRAINAGE AREA 831.00 CONTRIBUTING DRAINAGE AREA 831.00* DATUM 616.16 NGVD29
Date Processed: 2003-03-11 13:04 By acday
APPROVED
DD #3, DCP BASE
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.26	3.92	5.32	5.57	8.89	---	---	4.92	4.85	4.49	4.12	4.63
2	4.29	3.91	5.05	5.53	---	5.26	---	5.24	4.73	4.56	3.88	4.56
3	4.35	3.92	4.87	5.79	6.44	5.52	---	5.62	4.68	4.60	3.67	4.60
4	4.11	3.89	5.25	5.91	6.34	5.43	---	10.83	4.87	4.66	3.62	4.62
5	4.03	4.01	5.97	5.94	6.88	5.30	---	13.14	---	4.50	3.56	4.64
6	4.57	4.01	5.82	5.86	8.22	5.18	---	10.39	---	4.57	3.57	4.69
7	4.59	4.10	5.89	5.74	10.45	5.22	---	11.30	---	4.45	3.60	4.78
8	4.05	4.13	5.92	5.14	8.62	5.21	---	10.44	---	4.42	3.62	4.72
9	4.10	3.96	5.63	5.14	6.69	5.17	---	10.19	---	4.81	3.63	4.59
10	4.45	3.93	5.41	5.10	6.17	5.26	---	9.18	---	4.74	3.65	4.69
11	4.47	3.89	4.53	5.03	5.92	5.22	7.34	8.65	4.23	4.70	3.60	4.10
12	4.53	3.97	4.33	4.99	5.80	5.32	6.30	8.40	4.72	4.70	3.59	4.06
13	4.52	3.90	4.78	4.81	5.90	6.19	6.39	8.19	5.57	4.76	3.56	4.09
14	4.49	3.87	6.23	4.70	6.29	7.14	6.23	7.43	5.67	4.65	3.56	4.14
15	4.42	3.90	5.62	4.85	6.28	6.76	5.98	6.94	5.68	4.61	3.75	4.06
16	4.44	3.93	4.87	4.88	6.20	6.04	5.96	5.90	5.56	4.74	4.54	3.95
17	4.46	3.92	---	4.82	6.08	6.06	6.12	5.94	5.14	4.79	4.60	3.88
18	4.49	3.87	---	4.87	5.98	6.11	6.09	6.05	4.46	4.78	4.64	4.96
19	4.44	3.80	6.53	6.57	6.13	6.04	6.10	5.79	4.66	5.11	4.62	4.49
20	4.05	3.82	6.24	10.90	6.02	6.07	6.08	5.78	3.92	6.82	4.71	4.29
21	3.98	3.87	5.94	9.50	6.07	8.87	5.86	5.70	3.96	4.79	4.74	4.40
22	3.90	3.90	5.21	9.18	6.00	8.08	5.76	5.62	3.87	4.57	4.78	7.44
23	3.93	3.93	5.14	9.56	5.92	6.83	5.75	5.73	3.80	4.17	4.76	5.29
24	3.95	3.96	5.93	10.39	5.75	6.43	5.72	5.66	3.73	4.07	4.79	4.33
25	3.98	4.32	6.17	18.57	---	6.19	5.73	5.69	3.77	3.72	4.78	4.63
26	4.00	4.50	5.92	17.42	---	6.21	5.78	5.57	3.98	3.70	4.63	8.26
27	4.02	4.42	5.94	14.32	---	6.75	5.88	5.60	4.52	3.82	4.64	6.36
28	3.96	5.11	6.02	12.13	---	6.53	5.67	5.63	4.57	3.77	4.70	5.12
29	3.89	5.10	6.02	10.80	---	---	5.43	5.71	4.58	3.85	4.75	4.45
30	3.92	5.37	5.73	10.65	---	---	4.95	5.42	4.48	4.62	4.76	4.14
31	3.93	---	5.46	10.57	---	---	---	4.84	---	4.54	4.78	---
MEAN	4.21	4.10	---	7.91	---	---	---	7.14	---	4.55	4.20	4.77

STATION NUMBER 02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343351 LONGITUDE 0844959 NAD83 DRAINAGE AREA 831.00 CONTRIBUTING DRAINAGE AREA 831.00* DATUM 616.16 NGVD29
Date Processed: 2003-03-11 13:04 By acday
APPROVED
DD #10, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.17	0.00	---	0.96	0.00	0.08	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.71	---	0.20	0.00	0.03	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.19	---	0.82	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	---	1.46	0.66	0.02	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	---	0.00	0.00	0.76
6	0.52	0.00	0.00	0.77	0.98	0.00	---	0.00	---	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.25	0.00	---	0.09	---	0.00	0.00	0.00
8	0.00	0.00	0.02	0.00	0.00	0.00	---	0.00	---	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.27	---	0.31	---	0.00	0.00	0.00
10	0.00	0.00	1.38	0.00	0.02	0.00	---	1.04	---	1.67	0.00	0.00
11	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
12	0.44	0.00	0.02	0.00	0.01	1.09	0.36	0.30	0.00	0.00	0.00	0.00
13	0.12	0.00	0.96	0.00	0.00	0.16	0.00	0.09	0.03	0.94	0.00	0.15
14	0.34	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.42	0.02	0.00	0.40
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.04
16	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	1.00	0.00	0.00	0.07	0.01	0.24	0.00	0.00	0.15	1.70
18	0.00	0.00	0.00	0.08	0.00	0.02	0.00	0.02	0.00	0.00	0.16	0.28
19	0.00	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.01	0.00	0.00	0.38	0.96	0.00	0.00	0.00	0.00	0.00	0.79
21	0.00	0.00	0.00	0.86	0.00	0.32	0.00	0.00	0.00	0.00	0.01	1.10
22	0.00	0.00	0.00	0.14	0.00	0.00	0.04	0.00	0.00	0.15	0.07	0.42
23	0.00	0.30	0.54	0.58	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
24	0.03	1.25	0.00	2.15	0.00	0.00	0.00	0.00	0.01	0.00	0.11	0.00
25	0.08	0.56	0.00	0.04	---	0.00	0.30	0.00	0.07	0.00	0.42	3.02
26	0.00	0.00	0.00	0.00	---	0.85	0.10	0.00	0.00	0.00	0.00	0.44
27	0.00	0.00	0.00	0.00	---	0.00	0.00	0.58	0.15	0.00	0.00	0.20
28	0.00	0.00	0.00	0.00	---	0.00	0.01	0.01	0.20	0.00	0.44	0.01
29	0.00	0.30	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.54	0.00
30	0.00	0.60	0.00	0.00	---	---	0.17	0.00	1.18	0.00	0.01	0.00
31	0.00	---	0.00	0.00	---	---	---	0.00	---	0.00	0.00	---
TOTAL	1.53	3.02	4.70	6.60	---	---	---	6.12	---	2.94	1.91	9.31

MOBILE RIVER BASIN
2002 Water Year

02383520 COOSAWATTEE RIVER AT PINE CHAPEL, GA

LOCATION.—Lat 34°34'35", long 84°51'37" referenced to North American Datum (NAD) of 1927, Gordon County, Hydrologic Unit 03150102, 1.6 miles downstream from Sallacoa Creek, 8.5 miles upstream from confluence with Conasauga River, located on downstream side of bridge on Pine Chapel Road, 2.4 miles east of Pine Chapel.

DRAINAGE AREA.—847 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER–STAGE RECORDS

PERIOD OF RECORD.—October 1938 to current year.

GAGE.—Water-stage recorder. Datum of gage 616.16 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records fair. Station is auxiliary gage for 02383520 Coosawattee River near Pine Chapel.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 17.10 feet, January 25, 26; minimum gage-height recorded, 1.05 feet, numerous days (but could be lower during periods of missing record).

STATION NUMBER 02383520 COOSAWATTEE RIVER AT PINE CHAPEL, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343435 LONGITUDE 0845137 NAD27 DRAINAGE AREA 847.00* CONTRIBUTING DRAINAGE AREA DATUM 616.16 NGVD29
Date Processed: 2003-03-11 11:07 By bemccall
APPROVED
DD #1, AUX
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.36	1.05	2.51	2.78	5.97	3.29	12.10	2.21	2.12	1.71	1.33	1.85
2	1.38	1.05	2.24	2.74	5.56	2.54	11.08	2.58	2.01	1.77	1.11	1.77
3	1.45	1.05	2.05	2.98	3.64	2.81	8.44	2.94	1.95	1.82	1.06	1.80
4	1.23	1.05	2.39	3.11	3.50	2.69	7.30	8.43	2.14	1.87	1.06	1.82
5	1.12	1.13	3.12	3.15	3.97	2.56	6.85	11.15	3.77	1.73	1.06	1.85
6	1.58	1.12	2.99	3.10	5.31	2.44	6.64	9.07	3.39	1.79	1.06	1.89
7	1.79	1.21	3.05	3.00	7.55	2.46	6.72	9.21	2.19	1.67	1.06	1.97
8	1.14	1.25	3.08	2.38	5.91	2.46	6.43	7.59	3.57	1.61	1.06	1.93
9	1.17	1.11	2.82	2.37	3.93	2.41	6.32	7.32	3.18	2.03	1.06	1.79
10	1.56	1.06	2.64	2.33	3.38	2.50	5.07	6.37	2.71	1.99	1.06	1.91
11	1.59	1.05	1.78	2.25	3.13	2.47	4.56	5.84	1.48	1.93	1.06	1.32
12	1.66	1.10	1.50	2.22	3.01	2.58	3.56	5.57	1.88	1.91	1.06	1.27
13	1.65	1.08	2.03	2.04	3.08	3.52	3.63	5.36	2.79	1.98	1.06	1.30
14	1.61	1.05	3.53	1.91	3.47	4.34	3.49	4.62	2.86	1.88	1.06	1.35
15	1.53	1.05	3.04	2.06	3.45	3.99	3.25	4.17	2.91	1.81	1.11	1.28
16	1.55	1.06	2.11	2.10	3.38	3.27	3.23	3.17	2.79	1.95	1.73	1.17
17	1.58	1.06	2.20	2.04	3.27	3.26	3.37	3.19	2.43	1.99	1.79	1.11
18	1.62	1.05	3.73	2.08	3.18	3.32	3.35	3.29	1.67	1.98	1.85	2.13
19	1.59	1.05	3.72	3.78	3.31	3.26	3.37	3.06	1.92	2.20	1.81	1.72
20	1.17	1.05	3.42	8.29	3.22	3.28	3.35	3.03	1.15	3.95	1.90	1.50
21	1.10	1.05	3.17	7.33	3.28	6.02	3.15	2.95	1.16	2.03	1.94	1.57
22	1.05	1.05	2.43	6.78	3.21	5.39	3.05	2.87	1.10	1.79	1.97	4.70
23	1.06	1.06	2.35	6.79	3.13	4.05	3.04	2.97	1.07	1.37	1.95	2.65
24	1.07	1.09	3.11	7.71	2.97	3.64	3.02	2.91	1.07	1.29	1.98	1.56
25	1.09	1.44	3.37	15.84	2.92	3.41	3.03	2.93	1.07	1.08	1.99	1.78
26	1.11	1.69	3.13	15.36	3.01	3.42	3.08	2.82	1.16	1.07	1.84	5.39
27	1.13	1.54	3.14	12.83	3.05	3.95	3.15	2.85	1.75	1.08	1.84	3.78
28	1.08	2.28	3.21	10.59	3.21	3.78	2.96	2.89	1.81	1.07	1.89	2.46
29	1.05	2.28	3.21	7.95	---	3.99	2.74	2.97	1.81	1.14	1.94	1.69
30	1.05	2.54	2.95	7.67	---	6.64	2.30	2.71	1.72	1.82	1.96	1.36
31	1.05	---	2.67	7.59	---	13.28	---	2.12	---	1.76	1.98	---
MEAN	1.33	1.26	2.80	5.26	3.79	3.77	4.72	4.49	2.09	1.78	1.50	1.99
MAX	1.79	2.54	3.73	15.84	7.55	13.28	12.10	11.15	3.77	3.95	1.99	5.39
MIN	1.05	1.05	1.50	1.91	2.92	2.41	2.30	2.12	1.07	1.07	1.06	1.11

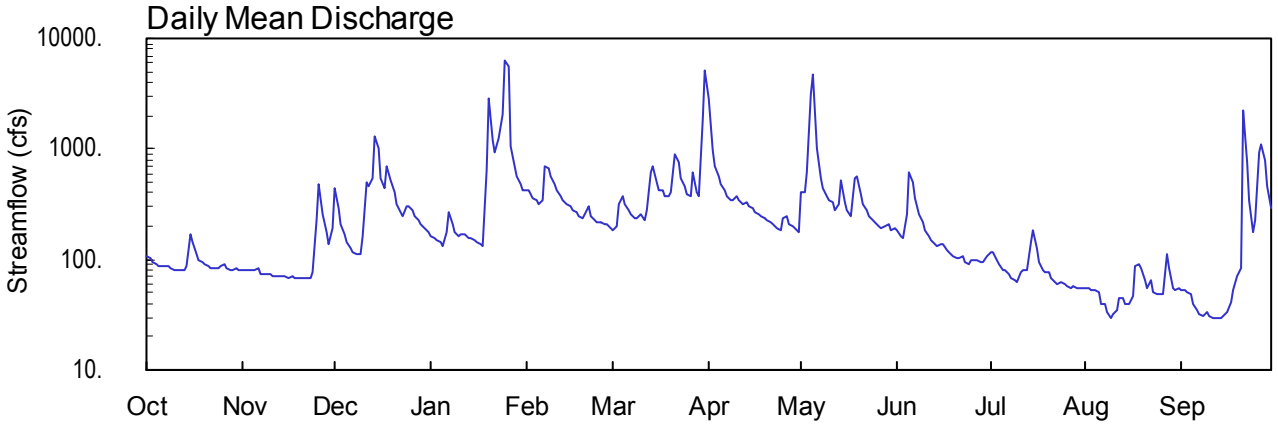
MOBILE RIVER BASIN

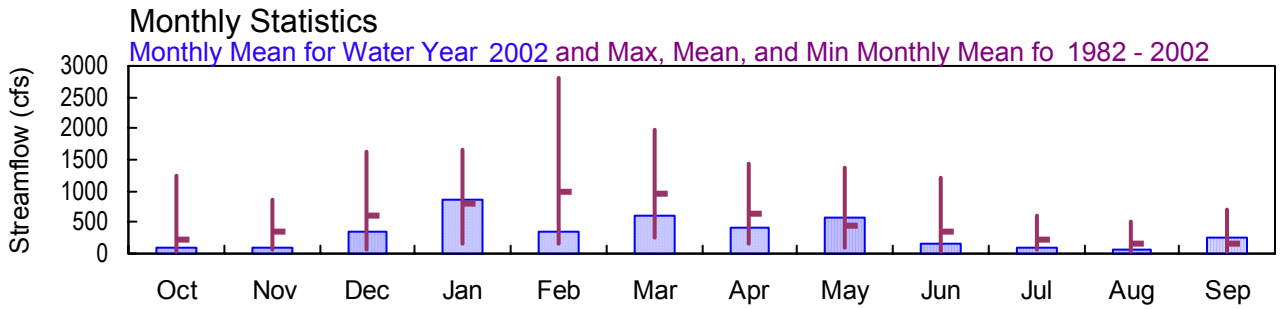
2002 Water Year

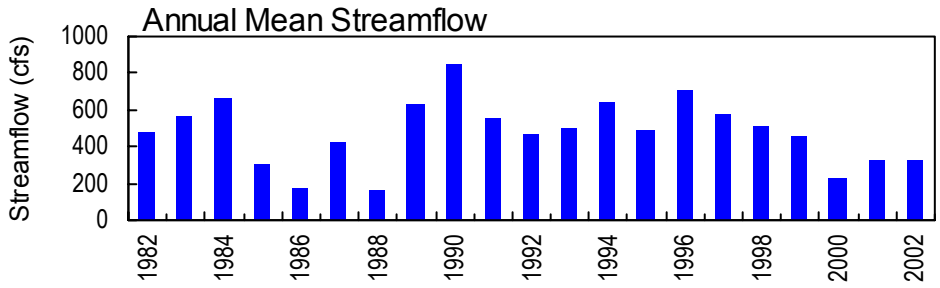
02384500 CONASAUGA RIVER NEAR ETON, GA

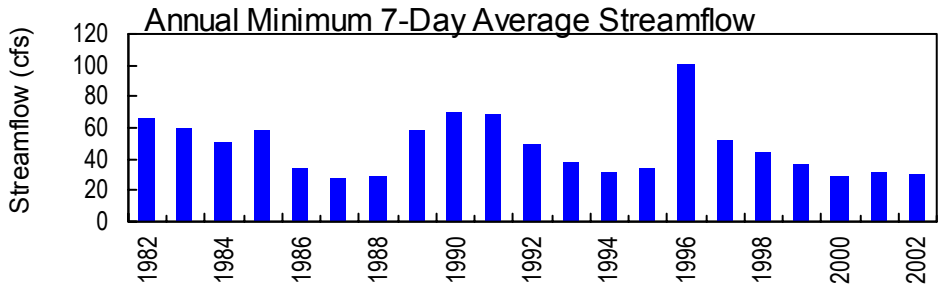
Latitude: 34°49'40" Longitude: 84°51'03" Hydrologic Unit Code: 03150101 Murray County

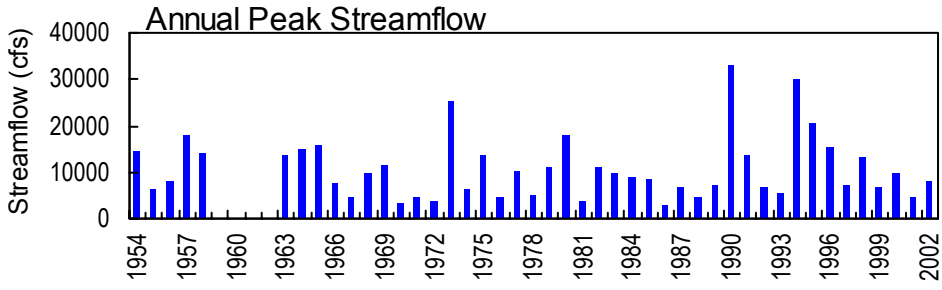
Drainage Area: 252. mi^2 Datum: 672.64 feet











MOBILE RIVER BASIN
2002 Water Year

02384500 CONASAUGA RIVER NEAR ETON, GA

LOCATION.—Lat 34°49'40", long 84°51'03" referenced to North American Datum (NAD) of 1927, Murray-Whitfield County line, Hydrologic Unit 03150101, at downstream side of right bank pier of bridge on GA 286, 3.4 miles upstream from Mill Creek, 5.2 miles west of Eton, and at mile 42.7.

DRAINAGE AREA.—252 mi^2.

COOPERATION.—Dalton Utilities.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—Water years 1954-58, 1963-81 (annual maximum), October 1981 to current year.

REVISED RECORDS.—WDR GA-94-1: 1973 (M), 1990 (M).

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 672.64 feet above National Geodetic Vertical Datum (NGVD) of 1929. From June 26, 1953, to September 30, 1958, and August 16, 1962 to September 30, 1981, a crest-stage gage was located at a site 75.0 feet downstream at datum 3.00 feet higher.

REMARKS.—Records good, except for periods of estimated discharge, which are fair. Flow regulated by withdrawal and discharge from off-stream reservoir owned and operated by Dalton Utilities approximately 4.5 miles upstream of gage.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than a base discharge of 3,800 ft^3/s, and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Jan. 25	2315	8,370*	13.81*
Mar. 31	1700	5,520	12.48
May 5	1100	5,490	12.46

02384500 CONASAUGA RIVER NEAR ETON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—Water years 1954-58, 1963-81 (annual maximum), October 1981 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 672.64 feet above National Geodetic Vertical Datum (NGVD) of 1929. From June 26, 1953, to September 30, 1958, and August 16, 1962 to September 30, 1981, a crest-stage gage was located at a site 75.0 feet downstream at datum 3.00 feet higher.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.81 feet, January 25, 26; minimum gage-height recorded, 2.14 feet, September 13, 14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 30, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02384500 CONASAUGA RIVER NEAR ETON, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 344940 LONGITUDE 0845103 NAD27 DRAINAGE AREA 252.00* CONTRIBUTING DRAINAGE AREA DATUM 672.64 NGVD29
Date Processed: 2003-03-11 13:13 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	80	433	164	424	187	2840	399	186	117	55	53
2	103	79	287	154	431	199	954	405	164	118	54	52
3	e96	79	211	151	360	322	695	610	153	99	53	51
4	90	79	167	143	339	377	559	3080	260	89	52	48
5	86	79	142	133	316	322	472	4820	604	79	50	e40
6	88	e85	126	173	339	279	417	1010	497	79	e40	e35
7	87	73	116	271	704	255	378	550	358	73	e40	e32
8	88	73	111	205	664	237	349	433	258	69	e34	e31
9	82	73	112	175	556	234	342	368	213	65	e30	e33
10	80	73	165	165	477	262	373	342	181	63	e32	e31
11	79	72	508	166	431	231	338	323	162	77	e35	30
12	79	72	469	167	376	279	317	284	148	80	e45	29
13	80	70	542	159	346	605	324	320	139	79	e45	29
14	87	70	1310	155	319	692	305	518	134	145	e40	30
15	172	70	1030	148	300	509	292	325	136	181	e40	32
16	142	69	550	142	e280	424	273	277	140	125	46	34
17	111	70	437	135	e270	425	257	251	123	96	88	41
18	98	68	703	134	250	369	244	541	115	80	90	53
19	93	68	516	e650	240	367	232	560	108	76	85	70
20	89	68	402	2910	257	403	223	389	104	76	66	84
21	87	67	317	1180	302	907	214	318	102	67	55	2210
22	84	67	270	940	251	750	206	276	106	62	64	768
23	83	69	247	1260	230	552	195	250	94	60	50	346
24	82	77	306	2080	221	456	186	230	91	62	49	176
25	86	230	309	6260	213	394	237	215	97	59	48	223
26	89	488	278	5530	210	371	245	202	100	57	49	926
27	85	259	251	1050	210	617	206	193	98	56	113	1110
28	81	179	229	695	195	412	201	199	93	57	83	794
29	80	138	211	566	---	368	192	205	95	55	56	457
30	83	193	193	487	---	1870	179	183	105	55	52	287
31	80	---	175	427	---	5140	---	194	---	54	54	---
TOTAL	2858	3237	11123	26975	9511	18815	12245	18270	5164	2510	1693	8135
MEAN	92.2	108	359	870	340	607	408	589	172	81.0	54.6	271
MAX	172	488	1310	6260	704	5140	2840	4820	604	181	113	2210
MIN	79	67	111	133	195	187	179	183	91	54	30	29
CFSM	0.37	0.43	1.42	3.45	1.35	2.41	1.62	2.34	0.68	0.32	0.22	1.08
IN.	0.42	0.48	1.64	3.98	1.40	2.78	1.81	2.70	0.76	0.37	0.25	1.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2002, BY WATER YEAR (WY)

MEAN	210	354	605	810	994	957	623	438	345	225	156	146
MAX	1239	877	1643	1653	2803	1977	1438	1360	1222	611	523	699
(WY)	1990	1990	1983	1996	1990	1994	1998	1984	1989	1994	1994	1989
MIN	35.6	56.7	68.8	153	175	244	146	108	46.6	51.3	40.9	40.2
(WY)	2001	1988	2000	1986	2000	1988	1986	1986	1988	1988	2000	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1982 - 2002	
ANNUAL TOTAL	0		0			
ANNUAL MEAN	0.000		0.000		487	
HIGHEST ANNUAL MEAN					848	1990
LOWEST ANNUAL MEAN					158	1988
HIGHEST DAILY MEAN	4010	Jan 20	172	Oct 15	23000	Mar 28 1994
LOWEST DAILY MEAN	71	Nov 12	71	Nov 12	24	Jul 11 1988
ANNUAL SEVEN-DAY MINIMUM	78	Nov 1	78	Nov 1	29	Aug 30 1987
MAXIMUM PEAK FLOW			8370	Jan 25	30000	Mar 28 1994
MAXIMUM PEAK STAGE			13.81	Jan 25	20.52	Mar 28 1994
INSTANTANEOUS LOW FLOW					23	Jul 11 1988
ANNUAL RUNOFF (CFSM)	0.000		0.000		1.93	
ANNUAL RUNOFF (INCHES)	0.00		0.00		26.24	
10 PERCENT EXCEEDS	657		107		969	
50 PERCENT EXCEEDS	238		83		237	
90 PERCENT EXCEEDS	87		74		62	

e Estimated

STATION NUMBER 02384500 CONASAUGA RIVER NEAR ETON, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 344940 LONGITUDE 0845103 NAD27 DRAINAGE AREA 252.00* CONTRIBUTING DRAINAGE AREA DATUM 672.64 NGVD29
Date Processed: 2003-03-11 13:11 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.98	2.77	4.63	3.41	4.53	3.44	9.56	4.37	3.44	3.08	2.55	2.52
2	2.94	2.76	4.01	3.36	4.55	3.50	6.31	4.44	3.32	3.09	2.54	2.51
3	---	2.76	3.65	3.34	4.26	4.09	5.53	5.14	3.26	2.95	2.53	2.50
4	2.85	2.76	3.43	3.29	4.17	4.33	5.05	9.99	3.68	2.89	2.52	2.47
5	2.82	2.76	3.29	3.23	4.06	4.09	4.72	11.93	5.17	2.81	2.50	---
6	2.84	---	3.19	3.44	4.16	3.90	4.50	6.35	4.83	2.80	---	---
7	2.83	2.70	3.12	3.94	5.56	3.79	4.34	5.02	4.28	2.75	---	---
8	2.84	2.70	3.09	3.62	5.43	3.70	4.21	4.56	3.84	2.71	---	---
9	2.79	2.70	3.10	3.47	5.04	3.69	4.18	4.29	3.61	2.67	---	---
10	2.77	2.70	3.41	3.42	4.74	3.82	4.32	4.18	3.45	2.65	---	---
11	2.76	2.69	4.89	3.42	4.55	3.67	4.16	4.10	3.35	2.79	---	2.18
12	2.76	2.69	4.77	3.43	4.33	3.89	4.07	3.92	3.27	2.82	---	2.16
13	2.77	2.67	5.01	3.38	4.20	5.22	4.10	4.06	3.22	2.80	---	2.15
14	2.83	2.67	7.20	3.36	4.08	5.52	4.01	4.89	3.19	3.23	---	2.17
15	3.33	2.67	6.52	3.33	3.99	4.86	3.95	4.11	3.20	3.45	---	2.22
16	3.19	2.66	5.08	3.29	---	4.53	3.87	3.89	3.22	3.13	2.43	2.25
17	3.00	2.67	4.65	3.24	---	4.53	3.79	3.77	3.12	2.94	2.81	2.35
18	2.91	2.65	5.61	3.24	3.76	4.30	3.73	4.94	3.07	2.82	2.89	2.52
19	2.87	2.65	4.95	---	3.71	4.29	3.67	5.05	3.02	2.78	2.85	2.71
20	2.85	2.65	4.50	9.99	3.79	4.42	3.63	4.38	2.99	2.78	2.68	2.84
21	2.83	2.64	4.15	6.91	4.00	6.19	3.58	4.08	2.98	2.69	2.55	8.48
22	2.81	2.64	3.94	6.32	3.77	5.71	3.54	3.88	3.01	2.64	2.65	5.48
23	2.80	2.66	3.83	6.98	3.67	5.03	3.48	3.76	2.92	2.62	2.49	4.19
24	2.79	2.74	4.10	8.60	3.62	4.65	3.44	3.66	2.90	2.64	2.48	3.38
25	2.82	3.59	4.11	12.76	3.58	4.40	3.70	3.58	2.94	2.60	2.47	3.58
26	2.84	4.78	3.97	12.02	3.56	4.30	3.73	3.52	2.96	2.58	2.48	6.23
27	2.82	3.84	3.85	6.53	3.56	5.25	3.54	3.47	2.95	2.57	2.99	6.72
28	2.78	3.47	3.74	5.53	3.48	4.48	3.51	3.50	2.92	2.58	2.83	5.83
29	2.77	3.26	3.66	5.08	---	4.29	3.47	3.53	2.93	2.56	2.56	4.66
30	2.79	3.56	3.56	4.78	---	7.73	3.40	3.42	2.99	2.55	2.51	3.93
31	2.77	---	3.47	4.54	---	12.22	---	3.48	---	2.54	2.54	---
MEAN	---	---	4.21	---	---	4.77	4.24	4.62	3.33	2.79	---	---
MAX	---	---	7.20	---	---	12.22	9.56	11.93	5.17	3.45	---	---
MIN	---	---	3.09	---	---	3.44	3.40	3.42	2.90	2.54	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02384500 CONASAUGA RIVER NEAR ETON, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 344940 LONGITUDE 0845103 NAD27 DRAINAGE AREA 252.00* CONTRIBUTING DRAINAGE AREA DATUM 672.64 NGVD29
Date Processed: 2003-03-11 13:11 By acday
APPROVED
DD #5, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.25	0.00	0.00	1.08	0.00	0.17	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.51	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.09	0.00	1.33	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	3.23	0.02	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00
6	0.19	0.00	0.00	0.76	0.83	0.00	0.00	0.00	0.03	0.00	0.00	0.00
7	0.00	0.00	0.00	0.01	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.06	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.24	0.26	0.14	0.00	0.00	0.00	0.00
10	0.00	0.00	1.18	0.00	0.02	0.00	0.00	0.31	0.00	0.97	0.00	0.00
11	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.10	0.00	0.00	0.00	0.00	0.68	0.22	0.01	0.00	0.00	0.00	0.00
13	0.18	0.00	1.19	0.01	0.00	0.27	0.00	0.25	0.00	0.83	0.00	0.04
14	0.28	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.06	0.28
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06
16	0.00	0.00	0.00	0.00	---	0.14	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.77	0.00	---	0.03	0.00	0.75	0.00	0.00	0.30	0.00
18	0.00	0.00	0.00	0.06	0.00	0.04	0.00	0.28	0.00	0.00	0.15	1.00
19	0.00	0.00	0.00	1.86	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
20	0.00	0.02	0.00	0.00	0.50	0.89	0.00	0.00	0.27	0.00	0.00	1.33
21	0.00	0.00	0.00	0.52	0.00	0.21	0.00	0.00	0.00	0.00	0.00	1.40
22	0.00	0.00	0.00	0.07	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.12
23	0.00	0.37	0.34	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.10	0.78	0.00	2.04	0.00	0.00	0.16	0.00	0.28	0.00	0.01	0.00
25	0.02	0.71	0.00	0.02	0.00	0.00	0.44	0.00	0.03	0.00	0.04	1.82
26	0.00	0.00	0.00	0.00	0.07	0.30	0.04	0.00	0.00	0.00	0.01	0.50
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.81
28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.38	0.00	0.01	0.00
29	0.00	0.45	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.44	0.00	0.00	---	2.27	0.05	0.19	0.00	0.00	0.04	0.00
31	0.00	---	0.00	0.00	---	0.20	---	0.00	---	0.04	0.00	---
TOTAL	0.87	2.77	4.14	5.96	---	5.95	1.31	6.56	4.65	2.03	0.75	7.36

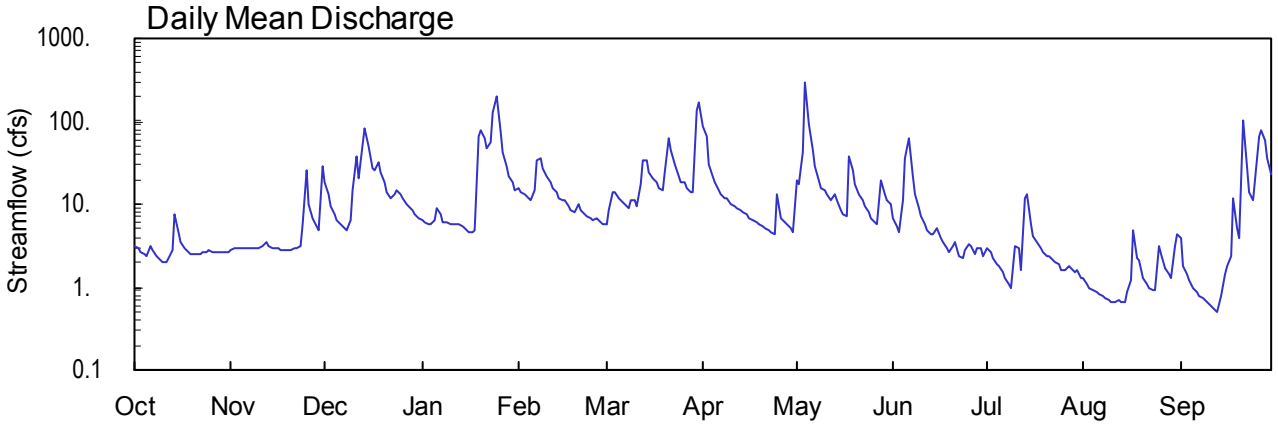
MOBILE RIVER BASIN

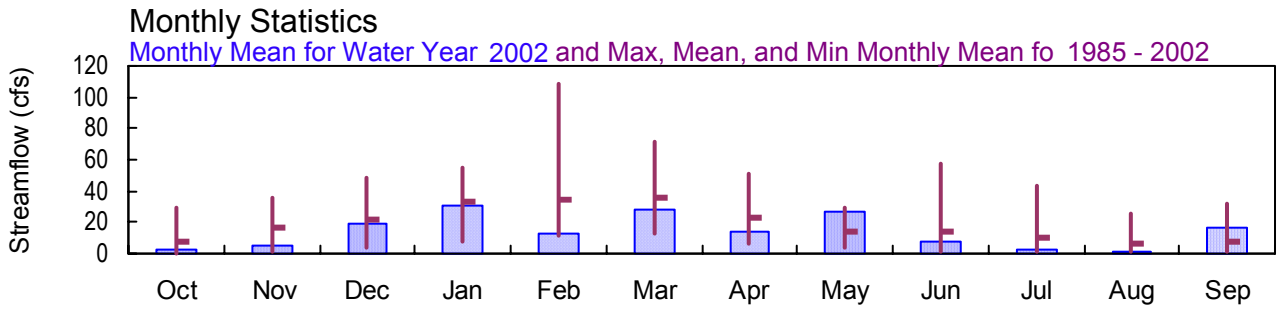
2002 Water Year

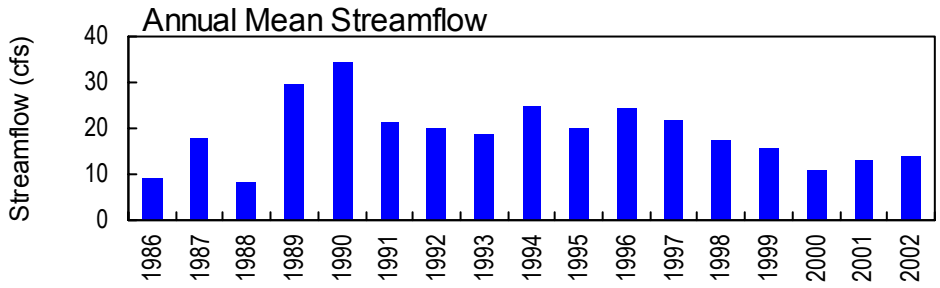
02384540 MILL CREEK NEAR CRANDALL, GA

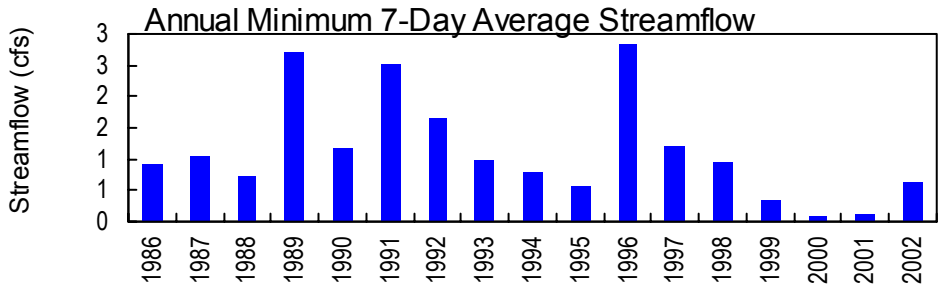
Latitude: 34°52'19" Longitude: 84°43'17" Hydrologic Unit Code: 03150101 Murray County

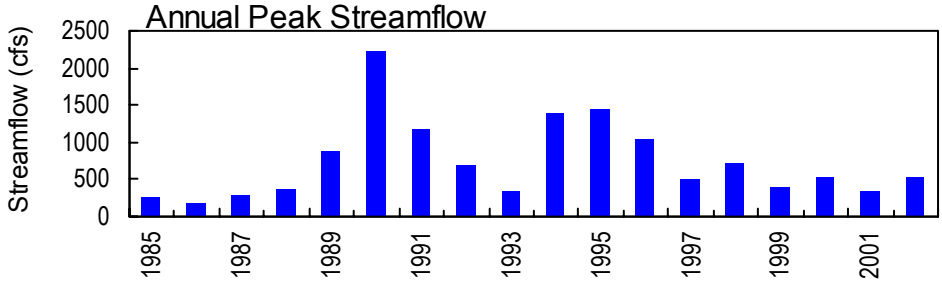
Drainage Area: 8.27 mi^2 Datum: 888.98 feet











02384540 MILL CREEK NEAR CRANDALL, GA

LOCATION.—Lat 34°52'19", long 84°43'17" referenced to North American Datum (NAD) of 1927, Murray County, Hydrologic Unit 03150101, on right bank 100.0 feet south of Forest Service Road 630, 1.3 miles upstream from Cohorn Creek, and 1.4 miles northeast of Crandall.

DRAINAGE AREA.—8.27 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—January 1985 to current year.

GAGE.—Water-stage recorder. Datum of gage is 888.98 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good, except for those periods of estimated daily discharges, which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 300 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Jan. 25	0030	358	3.65
Mar. 30	2030	308	3.48
May 4	0715	525*	4.13*

WATER-STAGE RECORDS

PERIOD OF RECORD.—January 1985 to current year.

GAGE.—Water-stage recorder. Datum of gage is 888.98 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 4.13 feet, May 4; minimum gage-height recorded, 0.99 feet, September 12-14.

STATION NUMBER 02384540 MILL CREEK NEAR CRANDALL, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 345219 LONGITUDE 0844317 NAD27 DRAINAGE AREA 8.27* CONTRIBUTING DRAINAGE AREA 8.27 DATUM 888.98 NGVD29
Date Processed: 2003-03-11 13:16 By acday
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	2.8	18	6.3	16	5.6	87	20	6.8	3.0	1.3	3.8
2	2.9	2.9	13	6.0	14	8.5	66	17	5.4	2.7	1.1	1.8
3	2.7	3.0	9.7	5.6	13	14	30	43	4.6	2.2	1.0	1.4
4	2.5	3.0	7.7	5.7	12	14	22	287	11	1.9	0.94	1.2
5	2.4	3.0	6.5	6.4	11	12	18	92	36	1.8	0.87	0.99
6	3.2	3.0	5.8	8.9	15	11	15	45	62	1.5	0.83	0.89
7	2.8	3.0	5.2	7.5	33	9.9	13	28	22	1.3	0.78	0.80
8	2.3	3.0	4.9	6.2	36	9.2	12	20	13	1.1	0.73	0.73
9	2.2	3.0	6.5	6.0	27	11	12	16	8.9	1.0	0.69	0.68
10	2.0	3.0	15	5.9	22	11	10	15	7.0	3.2	0.66	0.64
11	2.0	3.1	37	5.9	18	9.6	9.4	13	5.7	2.9	0.66	0.58
12	2.2	3.4	21	5.7	16	17	9.1	11	4.8	1.6	0.69	0.52
13	2.8	3.2	54	5.6	14	34	8.6	13	4.3	12	0.67	0.51
14	7.7	3.0	84	5.3	12	33	8.0	11	4.4	13	0.67	0.78
15	4.5	3.0	51	5.0	11	24	7.5	8.4	5.1	5.6	0.86	1.4
16	3.4	3.0	27	4.7	11	21	6.9	7.5	3.8	4.2	1.2	1.8
17	2.9	2.8	26	4.7	9.7	18	6.4	7.2	3.4	3.5	4.8	2.4
18	2.6	2.8	32	4.8	8.5	16	6.0	38	3.0	3.0	2.2	12
19	2.5	2.8	24	67	8.0	15	5.6	25	2.6	2.6	2.1	5.1
20	2.5	2.8	18	79	10	24	5.3	17	3.2	2.4	1.3	3.9
21	2.5	3.0	14	61	8.6	62	5.0	13	3.4	2.3	1.1	103
22	2.5	2.9	12	47	7.6	45	4.9	11	2.4	2.1	0.98	27
23	2.6	3.1	13	57	7.2	30	4.5	9.3	2.2	2.0	0.90	14
24	2.6	5.8	15	128	6.8	22	4.3	7.9	2.8	1.9	0.90	11
25	e2.8	25	13	198	6.5	18	13	6.8	3.3	1.6	3.2	21
26	e2.7	10	12	75	6.6	18	6.6	6.2	3.1	1.6	2.5	66
27	e2.7	6.8	10	43	6.2	16	6.1	5.7	2.5	1.8	1.7	77
28	e2.7	5.5	9.5	29	5.7	14	5.6	20	2.9	1.7	1.4	60
29	e2.7	4.9	8.5	22	---	14	5.1	13	3.0	1.5	1.3	35
30	e2.7	28	7.4	18	---	137	4.7	11	2.3	1.6	3.1	23
31	2.7	---	6.7	15	---	169	---	9.9	---	1.3	4.3	---
TOTAL	88.4	154.6	587.4	945.2	372.4	862.8	417.6	847.9	244.9	89.9	45.43	478.92
MEAN	2.85	5.15	18.9	30.5	13.3	27.8	13.9	27.4	8.16	2.90	1.47	16.0
MAX	7.7	28	84	198	36	169	87	287	62	13	4.8	103
MIN	2.0	2.8	4.9	4.7	5.7	5.6	4.3	5.7	2.2	1.0	0.66	0.51
CFSM	0.34	0.62	2.29	3.69	1.61	3.37	1.68	3.31	0.99	0.35	0.18	1.93
IN.	0.40	0.70	2.64	4.25	1.68	3.88	1.88	3.81	1.10	0.40	0.20	2.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2002, BY WATER YEAR (WY)

MEAN	8.07	16.7	21.9	33.3	34.0	35.6	23.6	14.4	13.8	10.5	6.70	7.16
MAX	30.0	35.9	48.3	55.5	108	71.6	50.8	29.4	57.3	43.6	25.9	32.0
(WY)	1990	1990	1992	1996	1990	1990	1994	2002	1989	1990	1994	1989
MIN	0.34	1.52	3.95	7.30	11.0	12.5	5.91	3.48	1.49	1.75	0.67	0.95
(WY)	2001	1988	1988	1986	2000	1988	1986	1986	1988	1986	2000	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1985 - 2002	
ANNUAL TOTAL	4997.4		5314.05			
ANNUAL MEAN	13.7		14.6		18.9	
HIGHEST ANNUAL MEAN					34.3	1990
LOWEST ANNUAL MEAN					8.37	1988
HIGHEST DAILY MEAN	178	Jan 19	287	May 4	970	Feb 16 1990
LOWEST DAILY MEAN	1.8	Jul 18	0.51	Sep 13	0.07	Sep 18 2000
ANNUAL SEVEN-DAY MINIMUM	2.3	Oct 7	0.63	Sep 8	0.10	Sep 14 2000
MAXIMUM PEAK FLOW			525	May 4	2240	Feb 16 1990
MAXIMUM PEAK STAGE			4.13	May 4	6.96	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.66		1.76		2.29	
ANNUAL RUNOFF (INCHES)	22.48		23.90		31.10	
10 PERCENT EXCEEDS	29		31		41	
50 PERCENT EXCEEDS	8.5		6.7		9.9	
90 PERCENT EXCEEDS	2.9		1.4		1.7	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02384540 MILL CREEK NEAR CRANDALL, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 345219 LONGITUDE 0844317 NAD27 DRAINAGE AREA 8.27 CONTRIBUTING DRAINAGE AREA 8.27* DATUM 888.98 NGVD29
Date Processed: 2003-03-11 13:15 By acday
APPROVED
DD #6

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.24	1.23	1.70	1.43	1.66	1.41	2.38	1.71	1.45	1.29	1.09	1.24
2	1.23	1.24	1.59	1.42	1.61	1.49	2.20	1.67	1.40	1.27	1.07	1.14
3	1.22	1.24	1.53	1.41	1.59	1.62	1.86	1.97	1.37	1.24	1.06	1.10
4	1.21	1.24	1.48	1.41	1.57	1.61	1.76	3.33	1.47	1.22	1.05	1.08
5	1.21	1.24	1.44	1.43	1.55	1.57	1.69	2.42	1.85	1.21	1.04	1.06
6	1.25	1.24	1.41	1.50	1.63	1.55	1.64	2.02	2.17	1.19	1.04	1.05
7	1.23	1.24	1.39	1.47	1.89	1.53	1.60	1.84	1.75	1.17	1.03	1.04
8	1.20	1.24	1.38	1.43	1.93	1.52	1.58	1.73	1.59	1.15	1.03	1.03
9	1.19	1.24	1.44	1.42	1.83	1.55	1.58	1.67	1.51	1.14	1.02	1.02
10	1.18	1.24	1.58	1.42	1.76	1.54	1.54	1.65	1.45	1.24	1.02	1.01
11	1.18	1.24	1.94	1.42	1.70	1.52	1.52	1.59	1.41	1.28	1.02	1.01
12	1.19	1.26	1.75	1.41	1.66	1.66	1.52	1.55	1.38	1.20	1.02	1.00
13	1.23	1.25	2.07	1.41	1.62	1.90	1.50	1.59	1.35	1.44	1.02	1.00
14	1.40	1.24	2.36	1.40	1.59	1.90	1.49	1.54	1.36	1.51	1.02	1.03
15	1.31	1.24	2.07	1.38	1.56	1.79	1.47	1.50	1.39	1.33	1.04	1.10
16	1.26	1.24	1.83	1.37	1.55	1.74	1.45	1.47	1.33	1.27	1.06	1.13
17	1.24	1.23	1.80	1.37	1.53	1.69	1.44	1.46	1.31	1.23	1.27	1.14
18	1.22	1.23	1.89	1.38	1.50	1.66	1.42	1.95	1.29	1.21	1.16	1.50
19	1.21	1.23	1.79	2.03	1.49	1.63	1.41	1.79	1.27	1.19	1.15	1.30
20	1.21	1.23	1.69	2.31	1.53	1.75	1.40	1.67	1.30	1.17	1.09	1.22
21	1.21	1.24	1.62	2.17	1.50	2.17	1.39	1.60	1.31	1.17	1.07	2.44
22	1.21	1.23	1.58	2.04	1.47	2.02	1.38	1.56	1.26	1.16	1.06	1.78
23	1.22	1.24	1.60	2.13	1.46	1.86	1.36	1.52	1.24	1.15	1.05	1.56
24	1.22	1.35	1.63	2.57	1.45	1.77	1.35	1.48	1.28	1.14	1.05	1.48
25	---	1.78	1.59	3.01	1.44	1.70	1.57	1.45	1.31	1.12	1.19	1.67
26	---	1.54	1.57	2.29	1.44	1.70	1.44	1.43	1.29	1.12	1.18	2.22
27	---	1.45	1.55	2.00	1.43	1.66	1.42	1.41	1.27	1.13	1.12	2.31
28	---	1.40	1.52	1.85	1.41	1.62	1.41	1.66	1.29	1.13	1.10	2.15
29	---	1.38	1.50	1.76	---	1.61	1.39	1.59	1.29	1.11	1.09	1.89
30	---	1.82	1.47	1.69	---	2.58	1.37	1.54	1.25	1.12	1.21	1.72
31	---	---	1.45	1.64	---	2.88	---	1.53	---	1.09	1.23	---
MEAN	---	1.31	1.65	1.71	1.58	1.75	1.55	1.71	1.41	1.21	1.09	1.38
MAX	---	1.82	2.36	3.01	1.93	2.88	2.38	3.33	2.17	1.51	1.27	2.44
MIN	---	1.23	1.38	1.37	1.41	1.41	1.35	1.41	1.24	1.09	1.02	1.00

MOBILE RIVER BASIN
2002 Water Year

02384600 PINHOOK CREEK NEAR ETON, GA
(published previous to 1986 as Mill Creek Tributary near Eton, GA)

LOCATION.—Lat 34°49'38", long 84°48'58" referenced to North American Datum (NAD) of 1927, Murray County, Hydrologic Unit 03150101, at culvert on GA 286, 3.0 miles west of Eton.

DRAINAGE AREA.—4.28 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1964 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 706.25 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 7.30 feet, August 22, 1967
DISCHARGE: 960 ft^3/s, August 22, 1967

MAXIMUM FOR CURRENT YEAR.—
STAGE: 5.83 feet, May 5
DISCHARGE: 456 ft^3/s, May 5

02384630 CONASAUGA RIVER NEAR DAWNVILLE, GA

LOCATION.—Lat 34°48'03", long 84°50'18" referenced to North American Datum (NAD) of 1983, Whitfield-Murray County line, Hydrologic Unit 03150101, 2.6 miles southeast of Dawnville.

DRAINAGE AREA.—303 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-STAGE RECORDS

PERIOD OF RECORD.—1984 to current year.

GAGE.—Stage-only partial-record gage. Datum of gage is 622.96 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. The date of the maximum stage is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 24.58 feet, March 28, 1994

MAXIMUM FOR CURRENT YEAR.—
STAGE: 17.18 feet, January 26

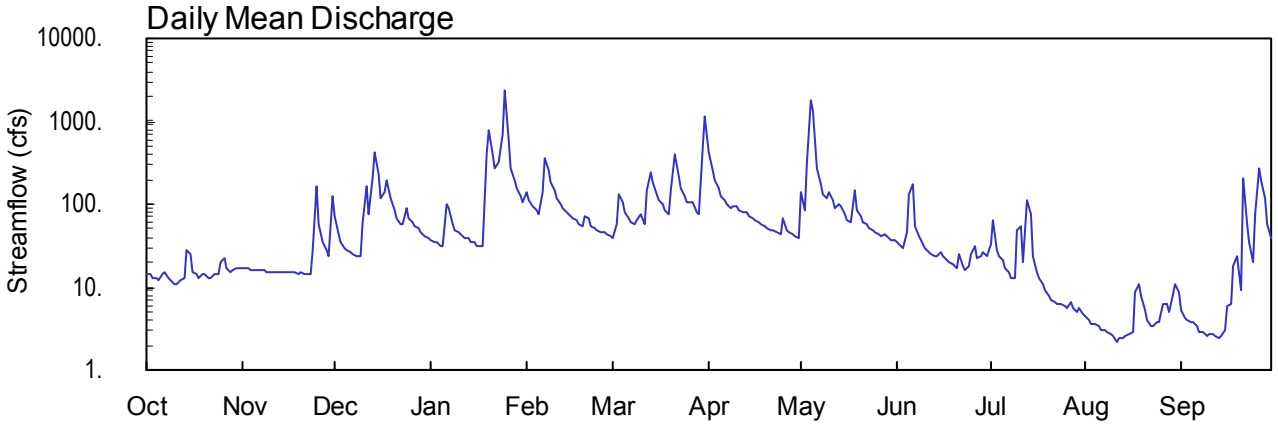
MOBILE RIVER BASIN

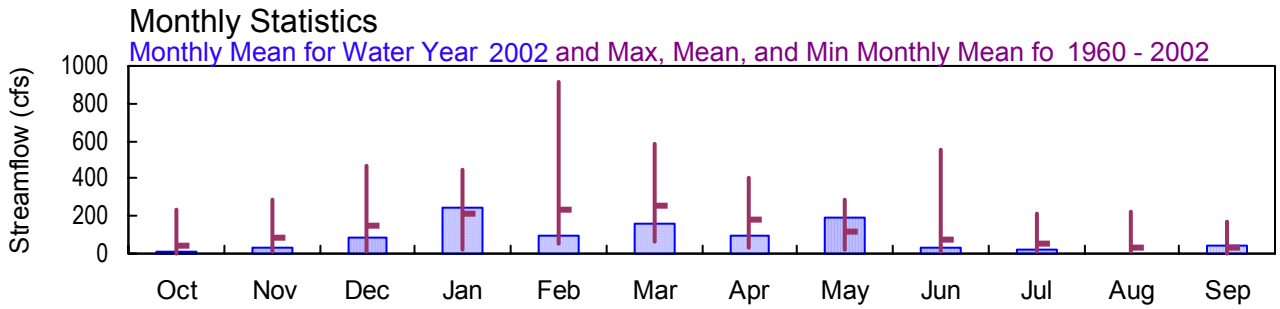
2002 Water Year

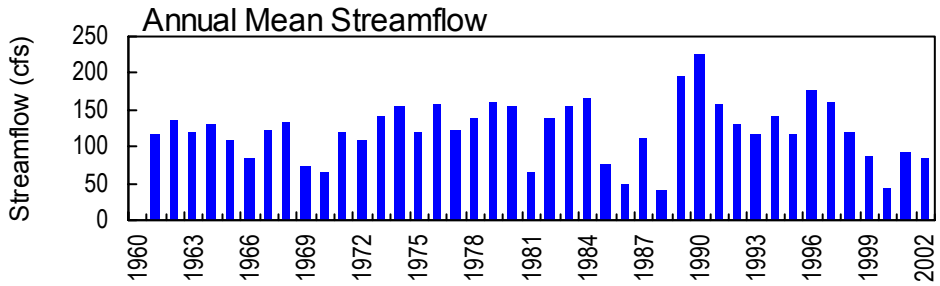
02385800 HOLLY CREEK NEAR CHATSWORTH, GA

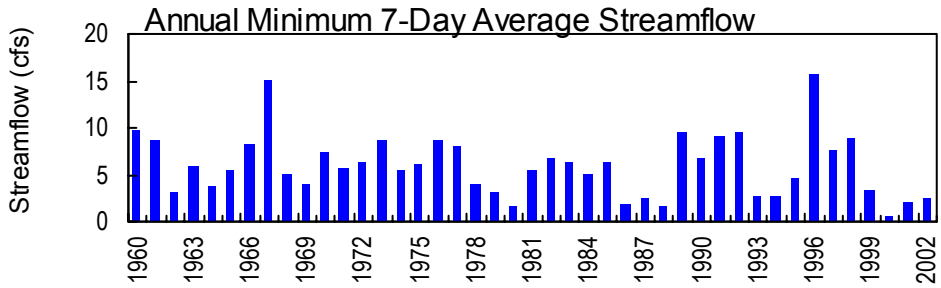
Latitude: 34°43'00" Longitude: 84°46'12" Hydrologic Unit Code: 03150101 Murray County

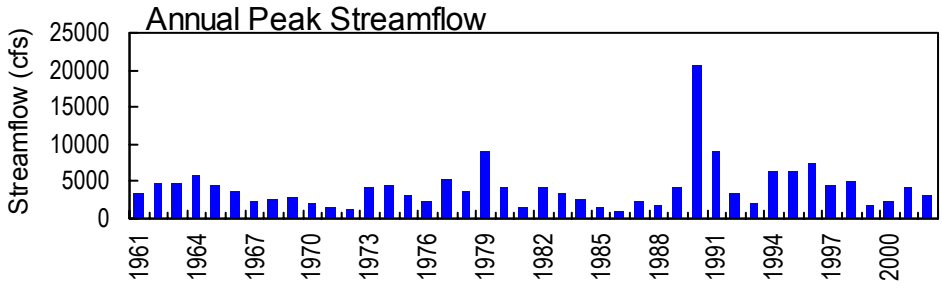
Drainage Area: 64. mi^2 Datum: 689.25 feet











MOBILE RIVER BASIN
2002 Water Year

02385800 HOLLY CREEK NEAR CHATSWORTH, GA

LOCATION.—Lat 34°43'00", long 84°46'12" referenced to North American Datum (NAD) of 1983, Murray County, Hydrologic Unit 03150101, on right bank 100.0 feet upstream from bridge on Smyrna-Ramhurst Road, 3.0 miles upstream from Rock Creek, and 3.3 miles south of Chatsworth.

DRAINAGE AREA.—64.0 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—June 1960 to current year.

REVISED RECORDS.—WDR GA-80-1: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 689.25 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good, except for the period of estimated discharges, which is fair. Low flow affected by withdrawals and return flow by the City of Chatsworth.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 1,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 25	1045	2,880	9.45
May 4	2200	3,170*	9.59*

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1960 to current year.

GAGE.—Water-stage recorder. Datum of gage is 689.25 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.59 feet, May 4; minimum gage-height recorded, 0.81 feet, August 11.

02385800 HOLLY CREEK NEAR CHATSWORTH, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—March 29, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02385800 HOLLY CREEK NEAR CHATSWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 344300 LONGITUDE 0844612 NAD83 DRAINAGE AREA 64.00 CONTRIBUTING DRAINAGE AREA 64.00* DATUM 689.25 NGVD29
Date Processed: 2003-03-11 13:17 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	17	71	36	142	40	434	139	34	33	4.4	5.2
2	14	17	44	35	113	58	254	84	31	64	4.1	4.3
3	13	17	35	34	93	131	191	302	29	28	3.5	3.9
4	13	16	30	32	85	108	152	1760	47	23	3.6	3.7
5	12	16	28	31	76	80	127	1320	130	21	3.3	3.8
6	14	16	26	100	138	69	110	273	170	17	3.1	3.4
7	15	16	25	91	354	62	98	177	54	15	3.0	2.9
8	13	16	24	57	262	57	90	130	41	13	2.8	2.8
9	12	15	24	49	186	63	97	117	33	13	2.7	2.6
10	11	15	61	45	145	76	93	137	29	49	2.6	2.7
11	11	15	166	43	118	57	87	110	27	54	2.2	2.7
12	12	15	77	40	100	151	79	89	25	20	2.4	2.6
13	13	15	209	38	89	240	79	102	24	113	2.4	2.4
14	28	15	414	35	79	182	71	96	24	77	2.5	2.5
15	25	15	231	34	72	131	68	75	27	23	2.7	3.1
16	15	15	121	32	68	113	63	65	23	15	2.9	5.8
17	14	15	142	31	63	100	60	61	21	13	8.8	6.4
18	13	15	197	31	58	86	56	148	20	11	11	18
19	14	14	117	407	55	77	53	86	19	9.2	8.0	24
20	14	15	84	766	70	147	51	71	17	8.0	5.3	9.0
21	13	14	66	405	67	393	49	62	25	7.1	4.0	208
22	13	14	57	279	55	223	49	56	18	6.5	3.3	57
23	14	14	59	318	51	155	45	52	16	6.3	3.3	34
24	14	27	91	693	48	123	43	49	18	6.1	3.7	20
25	20	167	68	2330	46	103	66	46	25	5.8	3.7	77
26	22	56	60	604	46	105	48	43	31	5.6	6.4	271
27	17	34	54	278	44	105	45	41	22	6.7	6.4	190
28	15	28	50	197	41	79	43	44	23	5.7	4.9	116
29	16	24	45	154	---	74	42	39	27	4.9	8.4	58
30	17	125	41	126	---	498	39	37	23	5.7	11	38
31	17	---	38	106	---	1170	---	37	---	4.7	8.7	---
TOTAL	468	813	2755	7457	2764	5056	2782	5848	1053	684.3	145.1	1180.8
MEAN	15.1	27.1	88.9	241	98.7	163	92.7	189	35.1	22.1	4.68	39.4
MAX	28	167	414	2330	354	1170	434	1760	170	113	11	271
MIN	11	14	24	31	41	40	39	37	16	4.7	2.2	2.4
CFSM	0.24	0.42	1.39	3.76	1.54	2.55	1.45	2.95	0.55	0.34	0.07	0.61
IN.	0.27	0.47	1.60	4.33	1.61	2.94	1.62	3.40	0.61	0.40	0.08	0.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2002, BY WATER YEAR (WY)

MEAN	46.0	88.1	146	217	232	251	178	114	75.0	53.3	35.7	33.4
MAX	234	292	469	450	919	590	406	285	549	217	224	170
(WY)	1990	1978	1983	1974	1990	1980	1998	1984	1989	1967	1967	1989
MIN	2.57	7.93	11.8	16.6	51.6	64.6	33.0	16.8	5.75	6.15	5.77	5.05
(WY)	2001	1979	2000	1981	2000	1988	1986	1986	1988	1969	2000	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1960 - 2002	
ANNUAL TOTAL	34275		31072.1			
ANNUAL MEAN	93.9		85.1		122	
HIGHEST ANNUAL MEAN					226	1990
LOWEST ANNUAL MEAN					41.9	1988
HIGHEST DAILY MEAN	2140	Jul 25	2330	Jan 25	9890	Feb 16 1990
LOWEST DAILY MEAN	11	Oct 10	2.7	Sep 13	0.40	Sep 19 2000
ANNUAL SEVEN-DAY MINIMUM	12	Oct 7	3.0	Sep 8	0.69	Sep 14 2000
MAXIMUM PEAK FLOW			3170	May 4	20600	Feb 16 1990
MAXIMUM PEAK STAGE			9.59	May 4	14.87	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.47		1.33		1.91	
ANNUAL RUNOFF (INCHES)	19.92		18.06		25.90	
10 PERCENT EXCEEDS	180		168		251	
50 PERCENT EXCEEDS	45		38		54	
90 PERCENT EXCEEDS	15		6.4		9.6	

STATION NUMBER 02385800 HOLLY CREEK NEAR CHATSWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 344300 LONGITUDE 0844612 NAD83 DRAINAGE AREA 64.00 CONTRIBUTING DRAINAGE AREA 64.00* DATUM 689.25 NGVD29
Date Processed: 2003-03-11 13:17 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.29	1.38	2.24	1.69	3.05	1.77	5.55	2.89	1.65	1.60	0.97	1.02
2	1.28	1.38	1.84	1.67	2.77	2.04	4.05	2.33	1.59	2.13	0.94	0.96
3	1.26	1.37	1.67	1.65	2.54	2.96	3.47	4.42	1.56	1.54	0.91	0.94
4	1.25	1.35	1.58	1.61	2.45	2.71	3.08	8.42	1.77	1.42	0.91	0.92
5	1.23	1.34	1.52	1.59	2.32	2.38	2.83	7.84	2.89	1.36	0.89	0.93
6	1.27	1.34	1.49	2.49	2.95	2.22	2.65	4.27	3.30	1.28	0.88	0.90
7	1.34	1.36	1.47	2.49	5.03	2.12	2.51	3.40	2.00	1.20	0.88	0.87
8	1.27	1.36	1.44	2.05	4.21	2.05	2.41	2.95	1.79	1.16	0.86	0.86
9	1.23	1.34	1.45	1.92	3.50	2.13	2.49	2.80	1.64	1.14	0.85	0.85
10	1.20	1.32	1.97	1.86	3.10	2.32	2.45	3.01	1.56	1.62	0.84	0.85
11	1.20	1.32	3.30	1.83	2.82	2.06	2.38	2.74	1.51	1.94	0.82	0.85
12	1.21	1.31	2.33	1.77	2.62	3.07	2.27	2.48	1.46	1.35	0.83	0.85
13	1.25	1.32	3.60	1.73	2.49	4.01	2.27	2.64	1.44	2.48	0.83	0.83
14	1.62	1.32	5.48	1.69	2.36	3.46	2.17	2.56	1.44	2.42	0.83	0.84
15	1.58	1.33	3.92	1.66	2.27	2.95	2.12	2.30	1.52	1.57	0.85	0.88
16	1.33	1.33	2.85	1.62	2.22	2.77	2.05	2.17	1.41	1.39	0.87	1.03
17	1.28	1.32	3.01	1.60	2.13	2.62	2.00	2.11	1.38	1.31	1.12	1.08
18	1.28	1.32	3.60	1.60	2.06	2.45	1.95	3.12	1.34	1.25	1.25	1.46
19	1.29	1.30	2.81	4.32	2.02	2.34	1.90	2.45	1.31	1.20	1.15	1.58
20	1.29	1.31	2.43	6.89	2.22	3.02	1.87	2.25	1.27	1.15	1.02	1.19
21	1.27	1.30	2.18	5.40	2.19	5.34	1.83	2.13	1.46	1.11	0.94	3.65
22	1.28	1.29	2.05	4.36	2.01	3.84	1.83	2.04	1.30	1.08	0.90	2.03
23	1.29	1.30	2.08	4.71	1.95	3.20	1.77	1.98	1.24	1.07	0.90	1.64
24	1.30	1.60	2.51	6.01	1.91	2.88	1.73	1.92	1.30	1.05	0.92	1.35
25	1.46	3.30	2.22	9.13	1.87	2.66	2.08	1.87	1.45	1.05	0.92	2.11
26	1.51	2.02	2.10	6.45	1.87	2.67	1.82	1.81	1.58	1.04	1.06	4.28
27	1.37	1.65	2.00	4.34	1.85	2.67	1.77	1.78	1.39	1.09	1.07	3.54
28	1.34	1.52	1.94	3.60	1.79	2.36	1.74	1.84	1.42	1.04	1.00	2.79
29	1.35	1.45	1.86	3.19	---	2.29	1.71	1.75	1.52	1.00	1.14	2.06
30	1.39	2.83	1.78	2.91	---	5.50	1.66	1.72	1.41	1.04	1.24	1.73
31	1.37	---	1.72	2.69	---	8.15	---	1.72	---	0.99	1.17	---
MEAN	1.32	1.50	2.34	3.11	2.52	3.00	2.35	2.83	1.60	1.36	0.96	1.50
MAX	1.62	3.30	5.48	9.13	5.03	8.15	5.55	8.42	3.30	2.48	1.25	4.28
MIN	1.20	1.29	1.44	1.59	1.79	1.77	1.66	1.72	1.24	0.99	0.82	0.83

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02385800 HOLLY CREEK NEAR CHATSWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 213
LATITUDE 344300 LONGITUDE 0844612 NAD83 DRAINAGE AREA 64.00 CONTRIBUTING DRAINAGE AREA 64.00* DATUM 689.25 NGVD29
Date Processed: 2003-03-11 13:17 By acday
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	0.00	0.66	---	0.12	0.00	0.00
2	---	---	---	---	---	---	0.00	---	---	0.01	0.00	0.00
3	---	---	---	---	---	---	0.00	---	---	0.00	0.00	0.00
4	---	---	---	---	---	---	0.00	---	---	0.00	0.00	0.01
5	---	---	---	---	---	---	0.00	---	---	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	---	0.01	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	---	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	---	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	0.40	---	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	0.10	---	0.00	1.39	0.00	0.00
11	---	---	---	---	---	---	0.01	---	0.00	0.01	0.00	0.00
12	---	---	---	---	---	---	0.21	---	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	---	0.00	0.94	0.00	0.03
14	---	---	---	---	---	---	0.00	---	0.08	0.00	0.00	0.47
15	---	---	---	---	---	---	0.00	---	0.00	0.00	0.05	0.01
16	---	---	---	---	---	---	0.00	---	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	---	0.00	0.00	0.99	0.82
18	---	---	---	---	---	---	0.00	---	0.00	0.00	0.47	0.31
19	---	---	---	---	---	---	0.00	---	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	---	0.18	0.00	0.00	0.55
21	---	---	---	---	---	---	0.00	---	0.00	0.00	0.00	1.81
22	---	---	---	---	---	---	0.00	---	0.00	0.00	0.00	0.01
23	---	---	---	---	---	---	0.00	---	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	---	0.63	0.00	0.00	0.00
25	---	---	---	---	---	---	0.15	---	0.02	0.00	0.19	1.84
26	---	---	---	---	---	---	0.00	---	0.10	0.01	0.00	0.32
27	---	---	---	---	---	---	0.00	---	0.01	0.00	0.00	0.27
28	---	---	---	---	---	---	0.00	---	0.32	0.00	0.37	0.00
29	---	---	---	---	---	---	0.00	---	0.00	0.15	0.01	0.00
30	---	---	---	---	---	2.01	0.01	---	0.00	0.00	0.00	0.00
31	---	---	---	---	---	0.13	---	---	---	0.00	0.00	---
TOTAL	---	---	---	---	---	---	0.88	---	---	2.63	2.08	6.45

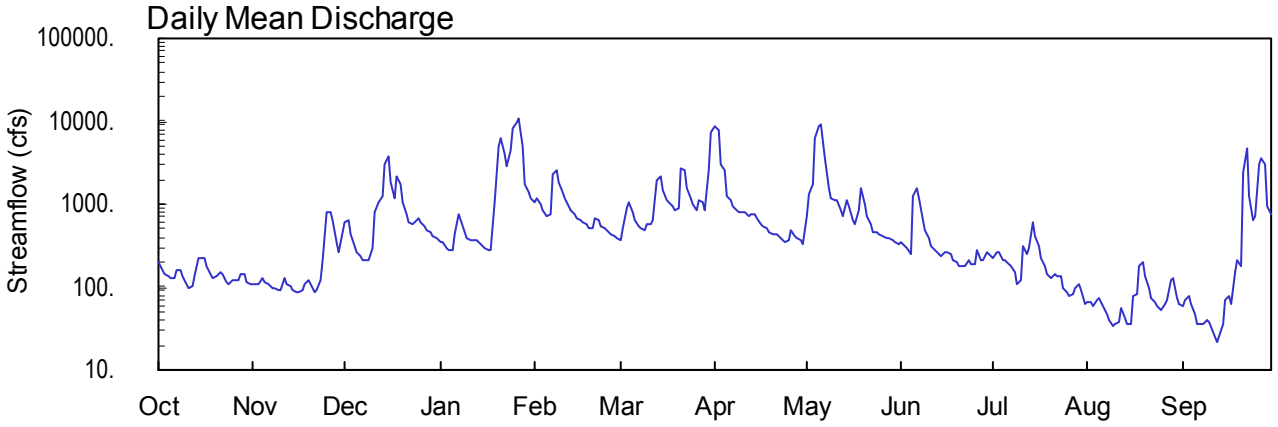
MOBILE RIVER BASIN

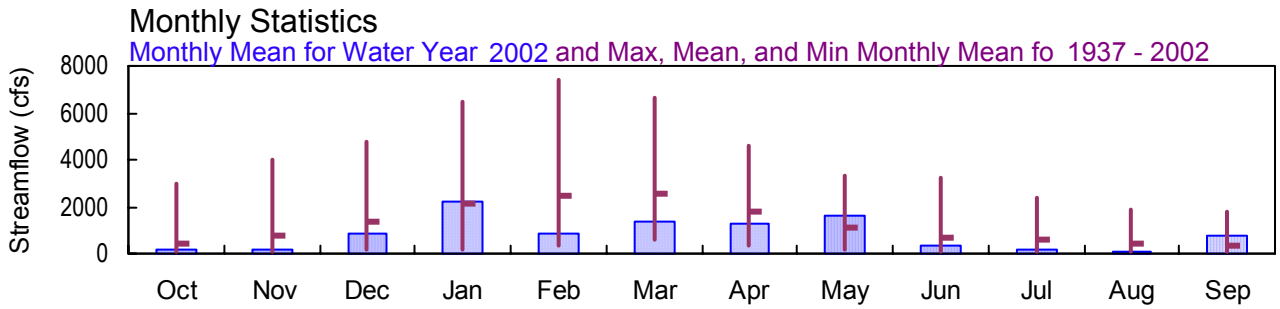
2002 Water Year

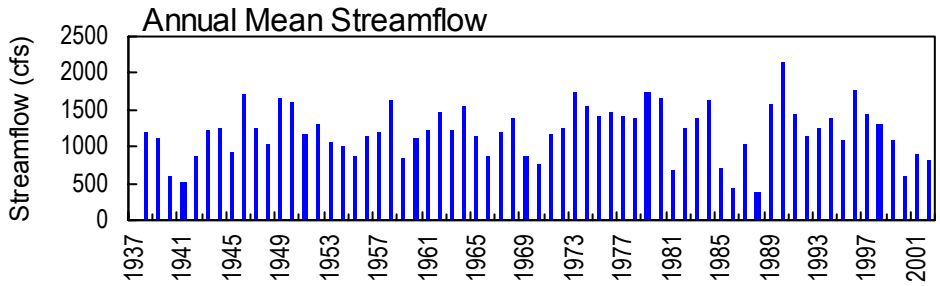
02387000 CONASAUGA RIVER AT TILTON, GA

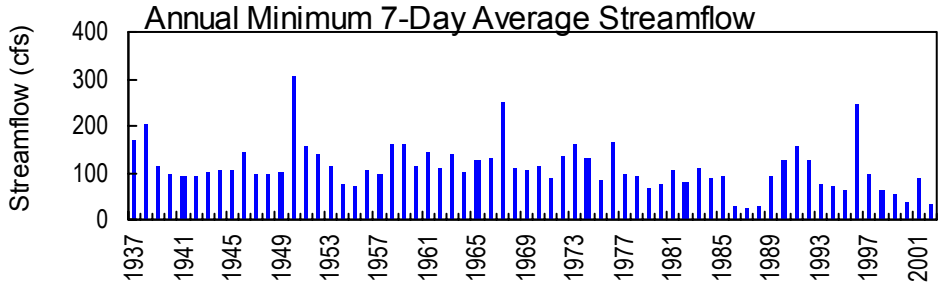
Latitude: 34°40'00" Longitude: 84°55'42" Hydrologic Unit Code: 03150101 Whitfield County

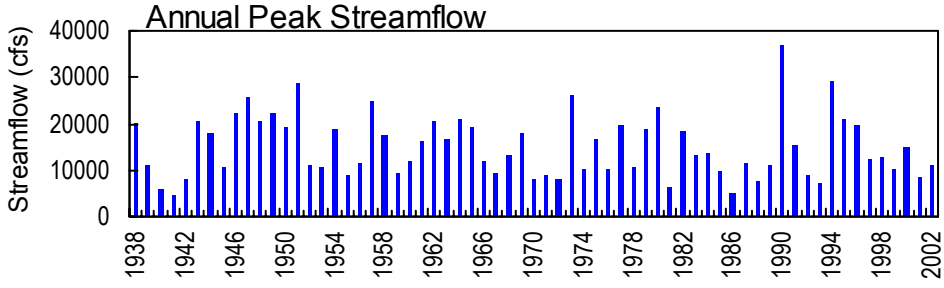
Drainage Area: 687. mi^2 Datum: 622.28 feet











MOBILE RIVER BASIN
2002 Water Year

02387000 CONASAUGA RIVER AT TILTON, GA

LOCATION.—Lat 34°40'00", long 84°55'42" referenced to North American Datum (NAD) of 1927, Whitfield-Murray County line, Hydrologic Unit 03150101, on left bank 250.0 feet downstream from Tilton Road Bridge, 0.2 miles downstream from Swamp Creek, 0.5 miles northeast of Tilton, and 12.0 miles upstream from confluence with Coosawattee River.

DRAINAGE AREA.—687 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—June 1937 to current year.

REVISED RECORDS.—WRD GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 622.28 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Corps of Engineers). Prior to August 24, 1940, a non-recording gage was located at site 150 feet upstream at same datum. Since October 1, 1979, an auxiliary water-stage recorder was located at Sloan Road Bridge, 3.2 miles downstream. A water-stage recorder on Oostanaula River at Resaca was used as auxiliary gage during 1961-79 water years.

REMARKS.—Records good, except for periods of estimated data, which are fair. Flow affected by withdrawals and return flow by the City of Dalton.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 14,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 21	1200	6,720	13.53
Jan. 27	0400	11,000*	18.77*
Apr. 1	1530	9,020	16.89
May 6	1030	9.480	17.20
Sep. 22	1000	5,450	11.81

02387000 CONASAUGA RIVER AT TILTON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1937 to current year.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 622.28 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Corps of Engineers). Prior to August 24, 1940, a non-recording gage was located at site 150 feet upstream at same datum. Since October 1, 1979, an auxiliary water-stage recorder was located at Sloan Road Bridge, 3.2 miles downstream. A water-stage recorder on Oostanaula River at Resaca was used as auxiliary gage during 1961-79 water years.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 18.89 feet, January 27; minimum gage-height recorded, 2.08 feet, September 12.

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687* DATUM 622.28 NGVD29
Date Processed: 2003-03-11 13:19 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	203	108	613	357	1080	370	e8700	721	357	227	66	59
2	160	106	639	343	1200	514	e8000	1350	316	266	66	68
3	146	108	435	302	999	899	e3000	1710	292	267	60	77
4	133	e127	314	282	830	1040	e2500	6070	252	211	70	62
5	127	e118	264	276	735	810	e1270	8570	1230	215	73	47
6	129	e109	236	426	772	635	1110	9150	1580	187	59	35
7	163	e100	214	757	2250	558	965	3680	1170	178	47	36
8	156	97	206	635	2560	509	853	1530	653	151	41	35
9	133	94	209	464	1820	496	804	1170	482	111	34	41
10	108	92	293	389	1390	587	817	1100	379	124	35	38
11	97	125	812	372	1160	568	808	1100	317	316	38	28
12	102	110	1080	363	967	638	734	859	281	248	57	22
13	139	103	1230	368	835	1930	771	736	255	293	43	26
14	225	94	3040	351	743	2120	742	1120	240	617	35	35
15	224	88	3760	309	672	1510	664	922	271	409	35	71
16	224	85	1880	290	641	1110	581	e650	267	306	80	80
17	181	92	1160	282	612	1050	529	559	247	223	81	63
18	142	111	e2160	274	560	970	505	830	213	176	176	149
19	129	123	1710	1030	501	856	467	e1550	195	141	198	211
20	137	106	1040	5080	526	911	445	1010	180	131	138	183
21	152	88	749	6300	680	e2680	447	702	178	142	98	2380
22	146	94	613	3930	631	2630	415	581	184	135	74	4840
23	117	122	562	2840	540	1600	366	e470	208	132	66	1260
24	107	213	615	4520	502	1190	341	e453	194	97	58	638
25	119	816	672	8220	466	984	360	e430	192	86	52	707
26	124	801	605	9780	427	857	486	e420	275	79	63	e3000
27	120	626	533	10700	415	1120	419	394	215	81	68	e3500
28	147	357	482	5010	397	1050	389	396	215	100	122	e3000
29	145	268	453	1780	---	831	375	376	271	106	129	e930
30	114	470	421	1420	---	2540	329	356	245	94	74	e738
31	106	---	390	1170	---	e7500	---	325	---	62	64	---
TOTAL	4455	5951	27390	68620	24911	41063	38192	49290	11354	5911	2300	22359
MEAN	144	198	884	2214	890	1325	1273	1590	378	191	74.2	745
MAX	225	816	3760	10700	2560	7500	8700	9150	1580	617	198	4840
MIN	97	85	206	274	397	370	329	325	178	62	34	22
CFSM	0.21	0.29	1.29	3.22	1.30	1.93	1.85	2.31	0.55	0.28	0.11	1.08
IN.	0.24	0.32	1.48	3.72	1.35	2.22	2.07	2.67	0.61	0.32	0.12	1.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	419	792	1328	2115	2476	2529	1758	1064	671	591	390	381
MAX	2996	4022	4761	6499	7419	6672	4596	3308	3203	2347	1899	1763
(WY)	1990	1958	1962	1947	1990	1980	1977	1984	1989	1967	1967	1975
MIN	77.3	112	141	176	356	592	308	211	54.0	111	57.1	66.3
(WY)	1988	1979	2000	1981	1941	1988	1986	1986	1988	1988	2000	1987

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	324385		301796			
ANNUAL MEAN	889		827		1203	
HIGHEST ANNUAL MEAN					2147	1990
LOWEST ANNUAL MEAN					392	1988
HIGHEST DAILY MEAN	8330	Mar 22	10700	Jan 27	32800	Feb 18 1990
LOWEST DAILY MEAN	85	Nov 16	22	Sep 12	12	Jul 24 1986
ANNUAL SEVEN-DAY MINIMUM	98	Nov 12	32	Sep 8	24	Aug 29 1987
MAXIMUM PEAK FLOW			11000	Jan 27	36800	Feb 17 1990
MAXIMUM PEAK STAGE			18.89	Jan 27	30.20	Mar 30 1951
ANNUAL RUNOFF (CFSM)	1.29		1.20		1.75	
ANNUAL RUNOFF (INCHES)	17.56		16.34		23.80	
10 PERCENT EXCEEDS	1890		1740		2790	
50 PERCENT EXCEEDS	478		360		541	
90 PERCENT EXCEEDS	131		72		142	

e Estimated

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687* DATUM 622.28 NGVD29
Date Processed: 2003-03-11 13:19 By acday
APPROVED
DD #8, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.80	2.50	3.83	3.23	4.77	3.27	---	4.03	3.23	2.88	2.33	2.30
2	2.67	2.49	3.89	3.20	5.00	3.60	---	5.28	3.13	2.99	2.33	2.34
3	2.63	2.50	3.43	3.09	4.62	4.43	---	5.92	3.06	2.99	2.31	2.38
4	2.58	---	3.12	3.03	4.29	4.70	---	12.57	2.95	2.83	2.35	2.31
5	2.56	---	2.98	3.02	4.10	4.25	---	16.08	4.96	2.84	2.37	2.23
6	2.57	---	2.90	3.39	4.16	3.88	4.84	16.95	5.70	2.76	2.30	2.16
7	2.68	---	2.84	4.14	6.87	3.71	4.56	9.75	4.93	2.73	2.23	2.17
8	2.66	2.46	2.81	3.88	7.40	3.60	4.34	5.63	3.92	2.64	2.20	2.16
9	2.58	2.45	2.82	3.50	6.13	3.57	4.24	4.95	3.54	2.51	2.16	2.20
10	2.50	2.44	3.05	3.32	5.36	3.78	4.26	4.82	3.29	2.55	2.16	2.19
11	2.46	2.56	4.25	3.27	4.93	3.74	4.24	4.81	3.13	3.12	2.18	2.12
12	2.48	2.51	4.78	3.25	4.56	3.88	4.09	4.35	3.03	2.93	2.29	2.08
13	2.60	2.48	5.03	3.26	4.30	6.32	4.17	4.10	2.96	3.04	2.21	2.11
14	2.87	2.45	8.16	3.22	4.11	6.66	4.11	4.85	2.92	3.84	2.16	2.16
15	2.87	2.43	9.31	3.11	3.96	5.58	3.94	4.47	3.00	3.36	2.14	2.35
16	2.87	2.42	6.23	3.05	3.90	4.83	3.77	---	2.99	3.10	2.40	2.39
17	2.74	2.44	4.92	3.03	3.83	4.72	3.65	3.72	2.94	2.86	2.40	2.32
18	2.61	2.51	---	3.01	3.72	4.57	3.59	4.28	2.83	2.72	2.71	2.63
19	2.57	2.55	5.94	4.49	3.58	4.34	3.51	---	2.78	2.61	2.79	2.83
20	2.60	2.49	4.70	11.27	3.64	4.45	3.45	4.64	2.73	2.58	2.60	2.74
21	2.65	2.43	4.12	13.08	3.98	---	3.46	4.02	2.73	2.61	2.46	6.91
22	2.63	2.45	3.84	9.67	3.87	7.52	3.38	3.76	2.75	2.59	2.37	10.91
23	2.53	2.55	3.72	7.86	3.67	5.74	3.26	---	2.82	2.58	2.33	5.10
24	2.50	2.83	3.84	10.42	3.59	4.97	3.19	---	2.78	2.46	2.29	3.88
25	2.54	4.24	3.96	15.95	3.50	4.59	3.24	---	2.77	2.42	2.26	3.98
26	2.55	4.23	3.82	17.82	3.41	4.34	3.55	---	3.01	2.39	2.32	---
27	2.54	3.86	3.66	18.69	3.38	4.86	3.39	3.33	2.88	2.40	2.34	---
28	2.63	3.23	3.54	12.38	3.34	4.72	3.31	3.33	2.84	2.47	2.53	---
29	2.62	2.99	3.47	6.08	---	4.29	3.28	3.28	3.00	2.49	2.57	---
30	2.52	3.50	3.39	5.41	---	7.18	3.16	3.23	2.93	2.45	2.37	---
31	2.49	---	3.32	4.95	---	---	---	3.15	---	2.31	2.33	---
MEAN	2.62	---	---	6.36	4.36	---	---	---	3.22	2.74	2.35	---
MAX	2.87	---	---	18.69	7.40	---	---	---	5.70	3.84	2.79	---
MIN	2.46	---	---	3.01	3.34	---	---	---	2.73	2.31	2.14	---

MOBILE RIVER BASIN
2002 Water Year

02387000 CONASAUGA RIVER AT TILTON, GA

LOCATION.—Lat 34°40'00", long 84°55'42" referenced to North American Datum (NAD) of 1927, Whitfield-Murray County line, Hydrologic Unit 03150101, on left bank 250.0 feet downstream from Tilton Road Bridge, 0.2 miles downstream from Swamp Creek, 0.5 miles northeast of Tilton, and 12.0 miles upstream from confluence with Coosawattee River.

DRAINAGE AREA.—687 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division.

PERIOD OF RECORD.—February 1975 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: October 1975 to current year.
pH: October 1975 to current year.
WATER TEMPERATURE: February 1975 to current year.
DISSOLVED OXYGEN: October 1975 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records fair, except dissolved oxygen records, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 680 microsiemens, October 17, 1993; minimum recorded,34 microsiemens, March 23, 1980.
pH: Maximum recorded, 10.6 units, February 13, 1988; minimum recorded, 5.9 units, September 28, 29, 1979.
WATER TEMPERATURE: Maximum recorded, 33.0 °C, July 23, 1986; minimum recorded, 0.0 °C, on several days in water years 1982, 1990, 1994, and 1996.
DISSOLVED OXYGEN: Maximum recorded, 17.9 mg/L, October 12, 2000; minimum recorded, 0.0 mg/L, December 14, 2001.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 502 microsiemens, September 16; minimum, 66 microsiemens, January 27.
pH: Maximum, 9.2 units, September 9-10; minimum, 6.8 units, September 22.
WATER TEMPERATURE: Maximum, 31.8 °C, July 30; minimum, 0.7 °C, January 5.
DISSOLVED OXYGEN: Maximum, 16.1 mg/L, March 1; minimum, 0.0 mg/L, December 14.

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #3, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	218	201	206	320	303	315	240	172	205	184	179	181
2	227	208	217	319	314	317	172	156	162	190	182	186
3	250	223	233	323	314	319	167	154	159	201	186	194
4	250	234	241	328	313	320	169	156	163	206	201	204
5	256	244	249	327	301	312	181	167	170	205	200	203
6	268	249	256	301	293	296	201	180	188	237	200	214
7	286	268	278	313	296	308	205	195	200	238	183	207
8	268	248	255	335	310	307	214	205	210	195	183	187
9	272	258	262	345	334	341	221	206	211	201	194	198
10	272	253	261	366	340	353	235	213	218	199	196	197
11	283	265	273	371	348	360	262	176	227	208	196	202
12	296	283	293	348	337	343	176	155	162	207	198	204
13	335	294	310	340	332	336	181	145	157	198	195	197
14	332	300	315	349	332	340	176	142	159	204	195	197
15	322	277	294	379	349	369	142	116	125	211	204	209
16	304	259	290	373	345	354	120	115	117	210	203	208
17	259	235	242	355	342	351	159	120	130	210	203	206
18	251	246	248	345	339	342	168	142	151	212	202	206
19	258	251	254	341	322	331	155	144	151	221	179	203
20	265	255	259	324	309	315	148	141	143	188	85	131
21	262	255	259	321	310	316	146	138	141	106	79	90
22	260	243	249	352	312	329	151	140	146	110	106	107
23	271	252	259	380	338	363	168	150	156	122	107	115
24	284	271	280	347	295	333	181	168	178	122	111	118
25	309	284	296	311	246	277	179	164	168	111	82	96
26	312	298	306	265	192	225	164	157	160	82	67	74
27	308	306	307	192	172	182	162	157	159	83	66	72
28	309	286	298	180	173	176	168	159	164	114	83	101
29	287	274	279	185	178	181	173	168	170	128	114	121
30	284	276	279	245	179	209	178	171	174	137	128	133
31	303	283	294	---	---	---	182	178	179	145	137	142
MONTH	335	201	269	380	172	307	262	115	168	238	66	165

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #3, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	163	145	153	166	161	163	---	---	---	211	191	199
2	161	154	158	174	161	164	---	---	---	206	181	190
3	167	160	164	181	172	176	---	---	---	193	179	188
4	169	166	167	172	161	165	---	---	---	179	117	146
5	169	165	167	161	143	153	139	130	135	117	90	101
6	181	165	167	151	139	146	145	139	143	95	85	87
7	187	154	170	154	150	151	153	145	149	115	95	110
8	154	141	148	162	154	157	157	153	155	125	115	121
9	141	136	138	174	161	163	166	155	160	139	125	131
10	139	136	137	181	174	177	168	164	166	147	139	143
11	145	139	142	177	167	173	168	164	166	150	146	149
12	149	145	147	209	176	187	172	163	166	152	150	151
13	153	149	151	206	173	186	178	171	175	153	150	152
14	158	152	155	---	---	---	176	172	174	154	150	152
15	163	158	161	---	---	---	180	172	176	150	142	144
16	164	163	164	---	---	---	181	179	180	142	138	139
17	166	164	165	---	---	---	183	180	181	147	139	143
18	166	164	165	---	---	---	188	182	184	159	146	153
19	166	165	166	---	---	---	194	187	190	155	141	145
20	172	165	168	---	---	---	196	193	195	141	125	132
21	175	170	173	---	---	---	198	194	196	133	123	128
22	174	170	172	152	129	141	201	198	199	---	---	---
23	174	172	174	129	122	125	201	197	198	---	---	---
24	173	171	172	128	123	125	200	197	199	---	---	---
25	173	171	172	134	127	129	201	195	198	---	---	---
26	196	195	195	142	131	134	200	190	196	---	159	---
27	174	170	172	144	131	140	192	188	190	170	165	167
28	170	166	167	152	131	141	188	186	187	184	167	178
29	---	---	---	161	152	157	190	185	187	192	180	186
30	---	---	---	190	143	168	192	189	190	187	178	181
31	---	---	---	---	---	---	---	---	---	189	177	181
MONTH	196	136	162	209	122	156	201	130	178	211	85	150

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #3, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	188	177	184	236	220	230	336	295	314	324	302	310
2	181	176	178	233	218	222	334	327	331	376	324	354
3	187	181	184	222	191	211	332	319	324	376	367	372
4	187	182	184	210	185	194	335	321	326	368	338	352
5	200	121	160	216	208	210	339	319	333	360	339	345
6	179	133	169	215	203	208	329	316	322	360	342	352
7	162	150	155	216	209	211	338	322	326	367	345	355
8	172	160	168	217	208	212	338	327	333	391	367	382
9	190	172	183	225	217	221	351	336	341	396	375	388
10	194	186	189	239	214	229	369	350	360	408	394	400
11	198	192	194	329	218	267	383	369	377	395	369	381
12	203	190	194	288	227	251	381	359	370	378	371	374
13	207	201	204	282	214	235	364	351	358	396	377	380
14	218	205	209	276	195	239	360	346	354	432	396	419
15	243	218	233	202	192	196	383	354	368	473	361	417
16	239	234	237	204	196	200	408	382	388	502	425	471
17	234	228	229	210	200	204	409	311	358	426	406	414
18	232	228	230	219	204	208	359	307	332	487	351	406
19	237	231	233	225	212	218	334	271	292	487	378	426
20	237	228	232	239	225	233	307	277	299	408	304	348
21	236	230	233	249	236	243	298	286	291	402	186	264
22	237	230	233	252	233	243	293	287	291	434	95	152
23	233	225	229	257	237	244	---	---	---	455	---	---
24	228	223	225	273	257	266	---	---	---	162	134	151
25	230	226	228	276	263	270	---	---	---	253	162	187
26	230	225	228	290	271	282	---	---	---	---	209	---
27	252	224	235	289	269	279	---	---	---	---	---	---
28	245	215	223	299	277	289	---	---	---	---	---	---
29	251	228	240	287	277	282	306	---	---	---	---	---
30	239	226	233	291	280	286	307	300	304	---	---	---
31	---	---	---	---	---	---	315	298	307	---	---	---
MONTH	252	121	209	329	185	236	409	271	333	502	95	350
YEAR	502	66	223									

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #5, DCP

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.3	7.2	7.2	8.3	7.6	7.8	7.5	7.4	7.4	7.9	7.9	7.9
2	7.3	7.1	7.2	8.3	7.6	7.7	7.5	7.5	7.5	7.9	7.9	7.9
3	8.3	7.2	7.7	8.3	7.5	7.7	---	---	---	7.9	7.9	7.9
4	8.5	7.7	7.9	8.1	7.6	7.6	---	---	---	7.9	7.9	7.9
5	8.3	7.7	7.9	8.0	7.6	7.6	---	---	---	7.9	7.9	7.9
6	8.1	7.6	7.7	8.1	7.5	7.6	---	---	---	7.9	7.8	7.8
7	8.1	7.6	7.7	8.0	7.5	7.6	---	---	---	7.8	7.7	7.7
8	8.1	7.8	7.9	8.2	7.5	7.6	---	---	---	7.8	7.7	7.8
9	8.3	7.8	8.0	8.2	7.7	7.8	---	---	---	7.9	7.8	7.8
10	8.5	7.8	8.0	8.1	7.7	7.7	---	---	---	7.9	7.8	7.8
11	8.1	7.7	7.8	8.0	7.7	7.7	---	---	---	7.8	7.7	7.8
12	7.7	7.5	7.6	8.0	7.6	7.7	---	---	---	7.9	7.8	7.8
13	7.5	7.4	7.4	8.0	7.6	7.7	---	---	---	7.9	7.8	7.9
14	7.5	7.4	7.4	8.1	7.6	7.7	---	---	---	8.0	7.8	7.9
15	7.6	7.1	7.4	8.1	7.6	7.7	---	---	---	8.0	7.8	8.0
16	7.6	7.5	7.6	8.2	7.7	7.8	---	---	---	---	---	---
17	7.7	7.5	7.6	8.2	7.7	7.8	---	---	---	8.3	8.0	8.2
18	7.9	7.5	7.6	8.1	7.7	7.8	---	---	---	8.5	8.1	8.4
19	7.9	7.6	7.7	8.2	7.7	7.8	7.5	7.4	7.5	8.5	7.7	8.1
20	8.0	7.6	7.7	8.1	7.7	7.8	7.4	7.3	7.4	7.8	7.3	7.5
21	7.9	7.6	7.6	8.0	7.7	7.8	7.7	7.4	7.6	7.5	7.3	7.5
22	8.0	7.6	7.6	8.0	7.7	7.8	7.7	7.7	7.7	7.6	7.5	7.5
23	7.9	7.5	7.6	7.8	7.7	7.7	7.7	7.7	7.7	7.8	7.6	7.7
24	7.7	7.5	7.5	7.7	7.6	7.6	7.7	7.7	7.7	7.9	7.7	7.7
25	7.8	7.5	7.5	7.6	7.4	7.5	7.8	7.7	7.8	7.8	7.4	7.6
26	7.8	7.4	7.6	7.5	7.4	7.4	7.8	7.8	7.8	7.4	7.3	7.3
27	7.9	7.5	7.6	7.6	7.5	7.5	7.8	7.8	7.8	7.4	7.2	7.3
28	7.9	7.5	7.6	7.5	7.5	7.5	7.8	7.8	7.8	7.5	7.3	7.4
29	8.0	7.6	7.7	7.5	7.4	7.5	7.8	7.8	7.8	7.5	7.5	7.5
30	8.1	7.6	7.8	7.5	7.4	7.5	7.9	7.8	7.8	7.6	7.5	7.5
31	8.4	7.6	7.7	---	---	---	7.9	7.8	7.9	7.5	7.5	7.5
MAX	8.5	7.8	8.0	8.3	7.7	7.8	7.9	7.8	7.9	8.5	8.1	8.4
MIN	7.3	7.1	7.2	7.5	7.4	7.4	7.4	7.3	7.4	7.4	7.2	7.3

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #5, DCP
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.7	7.5	7.6	8.6	8.1	8.4	---	---	---	7.7	7.5	7.6
2	7.7	7.7	7.7	8.6	7.9	8.1	---	---	---	7.7	7.5	7.5
3	7.8	7.7	7.7	7.9	7.8	7.8	---	---	---	7.6	7.4	7.5
4	7.8	7.7	7.8	8.0	7.8	7.8	---	---	---	7.5	7.1	7.3
5	7.8	7.8	7.8	8.2	7.9	8.0	7.6	7.5	7.5	7.1	6.9	7.0
6	7.8	7.7	7.8	8.6	7.9	8.2	7.6	7.6	7.6	6.9	6.9	6.9
7	7.7	7.6	7.6	8.7	8.0	8.4	7.7	7.6	7.6	7.3	6.9	7.1
8	7.6	7.6	7.6	8.8	8.0	8.5	7.7	7.6	7.6	7.4	7.3	7.3
9	7.6	7.6	7.6	8.7	8.0	8.2	7.6	7.6	7.6	7.5	7.4	7.4
10	7.7	7.6	7.6	8.4	7.9	8.1	7.7	7.6	7.6	7.4	7.4	7.4
11	7.7	7.7	7.7	8.4	7.9	8.2	7.7	7.6	7.6	7.5	7.4	7.4
12	7.7	7.7	7.7	8.3	7.8	8.0	7.6	7.6	7.6	7.5	7.5	7.5
13	7.8	7.7	7.8	7.8	7.6	7.7	7.7	7.6	7.6	7.5	7.5	7.5
14	7.8	7.8	7.8	7.7	7.5	7.6	7.7	7.6	7.6	7.6	7.5	7.5
15	7.9	7.8	7.8	7.6	7.5	7.5	7.8	7.6	7.7	7.6	7.4	7.4
16	7.9	7.8	7.8	7.6	7.5	7.5	7.8	7.6	7.7	7.5	7.5	7.5
17	7.9	7.8	7.9	7.6	7.4	7.5	7.8	7.6	7.7	7.6	7.5	7.5
18	8.0	7.8	7.9	7.6	7.5	7.5	7.9	7.5	7.7	7.6	7.5	7.5
19	8.0	7.8	7.9	7.5	7.5	7.5	7.8	7.5	7.7	7.6	7.5	7.5
20	8.0	7.8	7.9	7.7	7.5	7.7	7.8	7.5	7.7	7.5	7.5	7.5
21	7.9	7.8	7.8	---	---	---	7.7	7.5	7.7	7.7	7.5	7.7
22	7.9	7.8	7.9	7.5	7.4	7.4	7.7	7.5	7.6	7.7	7.6	7.7
23	8.1	7.9	7.9	7.5	7.4	7.5	7.8	7.5	7.7	---	---	---
24	8.1	7.9	8.0	7.5	7.4	7.5	7.7	7.5	7.6	---	---	---
25	8.1	7.9	8.1	7.7	7.5	7.6	7.7	7.5	7.6	---	---	---
26	8.1	7.9	8.1	7.6	7.6	7.6	7.7	7.5	7.6	---	---	---
27	8.3	7.9	8.1	7.6	7.5	7.6	7.6	7.5	7.5	8.0	7.7	7.9
28	8.5	8.0	8.3	7.7	7.5	7.7	7.7	7.5	7.6	8.1	7.7	7.9
29	---	---	---	7.7	7.5	7.6	7.8	7.5	7.7	8.1	7.6	8.0
30	---	---	---	7.7	7.3	7.5	7.8	7.5	7.6	8.0	7.6	7.8
31	---	---	---	---	---	---	---	---	---	7.9	7.6	7.8
MAX	8.5	8.0	8.3	8.8	8.1	8.5	7.9	7.6	7.7	8.1	7.7	8.0
MIN	7.6	7.5	7.6	7.5	7.3	7.4	7.6	7.5	7.5	6.9	6.9	6.9

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LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #5, DCP
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.0	7.6	7.8	7.7	7.5	7.6	8.2	7.5	7.7	8.0	7.5	7.6
2	8.0	7.6	7.9	7.8	7.5	7.6	8.3	7.5	7.8	7.9	7.5	7.6
3	8.1	7.6	7.9	7.8	7.4	7.6	8.4	7.6	7.9	8.0	7.5	7.7
4	8.0	7.6	7.9	7.8	7.5	7.6	8.4	7.6	7.9	8.2	7.6	7.7
5	8.0	7.0	7.5	8.2	7.6	7.8	8.5	7.7	8.0	8.2	7.5	7.7
6	7.4	7.0	7.3	8.1	7.6	7.8	8.5	7.7	8.0	8.8	7.6	7.9
7	7.3	7.2	7.2	7.9	7.6	7.7	8.6	7.6	8.1	8.9	7.6	7.9
8	7.4	7.2	7.3	7.9	7.6	7.7	8.8	7.8	8.3	9.1	7.8	8.4
9	7.5	7.3	7.4	8.0	7.5	7.7	8.8	7.8	8.2	9.2	7.9	8.5
10	7.5	7.4	7.5	8.1	7.5	7.7	8.8	7.6	8.3	9.2	7.9	8.5
11	7.6	7.4	7.5	7.7	7.3	7.5	8.7	7.7	8.2	9.0	7.9	8.5
12	7.6	7.5	7.6	7.6	7.4	7.5	8.6	7.8	8.1	8.8	8.0	8.3
13	7.6	7.5	7.6	7.6	7.5	7.5	8.5	7.6	8.0	8.4	7.8	8.1
14	7.6	7.5	7.6	7.6	7.5	7.6	8.2	7.5	7.7	7.9	7.6	7.7
15	7.7	7.5	7.6	7.5	7.4	7.4	8.0	7.5	7.6	7.7	7.6	7.7
16	7.7	7.6	7.7	7.4	7.3	7.4	8.5	7.5	7.9	7.7	7.5	7.6
17	7.8	7.6	7.7	7.4	7.3	7.4	8.4	7.6	7.8	7.6	7.4	7.4
18	7.9	7.7	7.7	7.4	7.3	7.4	7.8	7.6	7.7	7.5	7.4	7.4
19	8.0	7.7	7.7	7.6	7.4	7.5	7.7	7.6	7.6	7.4	7.4	7.4
20	8.0	7.7	7.7	7.7	7.5	7.5	---	---	---	7.5	7.4	7.4
21	8.0	7.6	7.7	7.8	7.5	7.7	7.8	7.4	7.5	7.6	7.2	7.4
22	7.8	7.6	7.6	7.9	7.6	7.7	7.8	7.4	7.5	7.5	6.8	6.8
23	7.7	7.6	7.6	7.8	7.7	7.7	---	---	---	---	---	---
24	7.7	7.5	7.6	8.0	7.7	7.8	---	---	---	7.3	7.2	7.3
25	7.6	7.5	7.5	8.4	7.9	7.8	---	---	---	7.4	7.2	7.3
26	7.5	7.4	7.5	8.5	7.7	7.9	---	---	---	7.3	7.2	7.3
27	7.6	7.4	7.4	8.6	7.6	7.9	---	---	---	---	---	---
28	7.5	7.4	7.5	8.5	7.6	7.9	---	---	---	---	---	---
29	7.5	7.4	7.5	8.3	7.6	7.8	---	---	---	---	---	---
30	7.6	7.5	7.5	8.2	7.5	7.7	7.9	7.5	7.6	---	---	---
31	---	---	---	7.9	7.5	7.7	8.0	7.5	7.6	---	---	---
MAX	8.1	7.7	7.9	8.6	7.9	7.9	8.8	7.8	8.3	9.2	8.0	8.5
MIN	7.3	7.0	7.2	7.4	7.3	7.4	7.7	7.4	7.5	7.3	6.8	6.8

YEAR			
	MAX	MAXIMUM 9.2	MINIMUM 6.9
	MIN	MAXIMUM 8.1	MINIMUM 6.8
	MEDIAN	MAXIMUM 8.5	MINIMUM 6.8

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18.2	16.4	17.2	12.7	10.3	11.5	15.2	13.7	14.4	3.0	1.8	2.4
2	18.7	16.4	17.4	14.3	12.0	13.0	13.7	12.9	13.4	2.5	1.6	2.2
3	19.2	16.7	17.7	15.6	13.0	14.2	12.9	11.6	12.2	2.5	2.1	2.3
4	19.3	16.8	18.0	15.6	13.4	14.4	11.9	10.3	11.1	2.4	1.1	1.8
5	18.6	17.2	17.8	14.9	12.9	13.7	11.2	9.8	10.7	2.2	0.7	1.6
6	17.9	16.5	17.5	14.2	12.0	13.0	11.7	10.7	11.3	3.8	2.2	2.9
7	17.0	14.8	15.8	12.7	10.4	11.6	12.9	11.7	12.4	4.1	3.5	3.8
8	16.4	14.4	15.2	12.7	10.4	11.6	13.4	12.9	13.2	3.9	3.2	3.6
9	16.2	13.9	14.9	13.0	10.7	11.8	13.9	12.8	13.3	4.1	2.6	3.4
10	16.8	14.0	15.3	12.7	10.2	11.5	12.8	11.5	12.2	5.4	3.4	4.3
11	17.4	15.8	16.6	12.4	10.1	11.2	11.5	11.1	11.3	6.8	5.4	6.1
12	18.3	17.2	17.8	12.5	10.5	11.4	11.6	11.1	11.3	6.4	5.2	5.7
13	19.4	18.0	18.7	11.9	10.1	11.0	12.8	11.5	12.1	5.7	4.5	5.3
14	20.8	19.2	19.7	11.3	9.1	10.2	13.8	12.7	13.4	5.6	4.1	4.9
15	19.3	17.6	18.5	11.0	8.9	10.0	13.7	13.0	13.5	6.1	4.6	5.4
16	17.7	15.8	16.9	10.9	8.8	9.9	13.0	11.9	12.4	---	---	---
17	15.8	13.8	14.9	11.4	9.2	10.3	---	11.9	---	6.0	4.7	5.3
18	15.1	12.9	13.8	11.8	9.7	10.8	12.7	12.2	12.5	6.9	5.9	6.4
19	14.8	12.3	13.5	12.1	10.0	11.1	12.2	11.3	11.7	8.2	6.8	7.4
20	15.5	12.7	14.0	12.8	11.0	11.7	11.3	9.2	10.3	8.1	7.4	7.8
21	15.7	13.6	14.5	11.2	9.4	10.4	9.2	7.6	8.4	8.1	7.4	7.8
22	16.8	14.4	15.4	9.7	8.2	9.0	7.6	6.7	7.2	8.3	8.1	8.2
23	17.4	14.9	16.1	9.8	8.6	9.1	7.7	6.8	7.3	8.6	8.1	8.3
24	17.3	15.7	16.5	12.5	9.7	10.9	7.5	6.6	7.1	11.2	8.6	9.6
25	18.1	16.1	16.9	14.8	12.5	13.8	6.6	5.4	6.0	11.7	11.2	11.5
26	16.1	13.7	15.1	13.9	12.9	13.2	5.4	4.1	4.7	11.2	9.9	10.3
27	13.9	11.7	12.9	13.7	12.7	13.2	4.1	3.3	3.7	9.9	9.2	9.4
28	12.4	10.3	11.2	14.6	13.2	13.9	4.0	2.8	3.4	9.4	8.9	9.1
29	11.7	9.5	10.4	16.1	14.4	15.1	4.8	3.4	4.1	10.5	9.4	9.9
30	11.8	9.0	10.3	16.1	15.2	15.7	4.3	3.1	3.7	12.3	10.5	11.4
31	12.0	9.3	10.6	---	---	---	3.8	2.9	3.2	13.4	12.3	12.8
MONTH	20.8	9.0	15.5	16.1	8.2	11.9	15.2	2.8	9.7	13.4	0.7	6.4

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.4	13.4	13.8	7.1	4.8	6.2	---	---	---	18.6	17.5	17.9
2	13.5	11.4	12.4	7.6	6.3	7.0	---	---	---	19.1	17.6	18.3
3	11.4	9.8	10.6	8.2	7.5	7.9	---	---	---	19.1	18.1	18.7
4	9.8	8.4	9.3	7.5	6.3	6.9	15.2	---	---	18.1	---	---
5	8.4	6.8	7.4	6.8	5.2	6.1	14.5	13.1	13.9	17.8	16.4	16.8
6	6.8	5.5	6.1	7.7	5.5	6.6	14.5	12.9	13.7	18.1	17.8	17.9
7	5.5	5.3	5.4	9.2	6.6	7.9	14.7	12.8	13.7	19.1	17.9	18.5
8	6.4	5.4	5.9	11.1	8.1	9.6	15.1	13.8	14.4	20.9	18.8	19.8
9	7.4	6.0	6.7	12.0	10.4	11.2	16.3	13.8	14.4	21.6	20.4	21.0
10	9.1	7.4	8.4	11.8	10.2	11.1	18.5	15.0	15.6	21.2	20.7	21.0
11	9.6	9.0	9.2	11.5	9.6	10.7	18.9	15.8	17.1	21.7	20.1	20.9
12	9.1	8.1	8.7	11.2	10.5	10.9	18.5	18.2	18.3	21.6	20.6	21.1
13	8.8	8.0	8.4	11.5	10.9	11.2	18.6	17.8	18.2	21.9	20.6	21.3
14	8.7	7.6	8.2	12.4	11.1	11.7	18.8	17.9	18.4	20.6	19.3	20.0
15	9.1	7.7	8.4	13.4	12.0	12.7	20.4	17.9	19.1	20.4	18.5	19.6
16	10.1	8.7	9.4	15.7	13.4	14.5	22.0	19.4	20.7	---	---	---
17	10.2	8.8	9.5	17.5	15.6	16.5	22.5	20.5	21.6	21.2	---	---
18	9.6	8.2	9.0	18.0	17.3	17.6	23.6	20.9	22.3	21.0	18.9	19.9
19	9.2	7.7	8.5	17.9	17.2	17.6	23.8	21.4	22.8	---	---	---
20	10.6	8.7	9.6	17.5	16.6	17.1	24.3	22.0	23.3	17.6	16.3	17.0
21	11.2	9.8	10.5	---	---	---	24.4	22.3	23.5	17.6	---	---
22	10.9	9.8	10.3	15.5	12.9	14.1	23.7	22.2	22.9	---	---	---
23	10.2	8.7	9.5	12.9	11.0	11.7	22.2	19.8	21.1	---	---	---
24	10.0	8.1	9.2	12.1	10.4	11.3	21.2	19.2	20.3	---	---	---
25	10.6	8.2	9.5	13.8	11.4	12.5	21.6	19.3	20.4	---	---	---
26	10.7	---	---	14.7	13.5	14.1	20.4	17.5	18.5	---	---	---
27	9.9	7.4	8.4	14.5	13.2	13.8	17.5	16.4	16.8	21.3	19.8	20.6
28	7.5	5.5	6.7	13.8	12.2	13.0	19.1	16.6	17.7	23.0	20.2	21.6
29	---	---	---	14.5	12.6	13.5	20.7	17.8	19.3	23.6	21.0	22.5
30	---	---	---	15.0	14.3	14.7	20.2	18.3	18.8	23.7	21.8	22.9
31	---	---	---	---	---	---	---	---	---	25.0	22.0	23.6
MONTH	14.4	5.3	8.9	18.0	4.8	11.7	24.4	12.8	18.7	25.0	16.3	20.0

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.8	22.9	24.6	28.7	26.8	27.7	31.1	27.4	29.1	28.4	25.2	26.7
2	26.4	23.6	25.2	28.6	26.7	27.8	31.4	27.6	29.4	28.5	25.8	27.1
3	27.5	24.6	26.2	28.5	26.6	27.7	31.1	28.2	29.6	28.9	26.2	27.4
4	27.9	25.8	26.9	28.0	26.8	27.3	31.2	27.9	29.5	29.8	26.1	27.8
5	27.1	23.9	25.5	28.7	26.3	27.4	31.5	27.9	29.6	30.0	26.6	28.1
6	24.6	23.3	24.0	29.8	27.5	28.4	31.4	28.2	29.7	30.5	---	---
7	25.0	23.1	24.1	29.5	27.5	28.4	30.6	27.3	28.7	29.7	25.8	27.5
8	25.8	23.9	24.8	29.8	27.7	28.6	29.9	26.1	27.9	29.2	25.5	27.1
9	26.0	23.7	25.0	29.8	26.6	28.2	29.9	25.8	27.5	28.6	24.6	26.5
10	26.4	23.4	25.1	29.9	27.3	28.3	29.7	26.0	27.6	28.8	24.5	26.4
11	26.6	23.5	25.3	27.6	25.8	26.8	30.1	25.8	27.7	28.2	24.1	26.1
12	26.8	24.1	25.6	27.2	25.7	26.2	29.4	26.1	27.6	29.0	24.1	26.2
13	27.1	25.1	26.2	25.7	23.8	24.8	29.8	26.1	27.6	26.7	24.7	25.6
14	26.8	24.4	25.5	25.2	23.3	24.3	29.9	26.4	27.8	26.8	24.8	25.5
15	25.0	23.0	24.0	26.4	24.3	25.4	29.7	26.4	27.7	25.4	24.3	24.7
16	24.0	22.4	23.3	27.8	25.0	26.5	28.5	26.6	27.5	26.7	23.9	25.2
17	25.1	22.3	23.7	28.9	26.6	27.8	29.0	26.5	27.6	26.5	24.9	25.6
18	25.9	23.4	24.6	29.9	27.5	28.6	27.6	26.3	26.9	25.6	24.3	25.0
19	26.6	24.4	25.3	30.3	27.4	28.7	28.1	26.0	27.0	25.0	24.4	24.7
20	26.9	24.6	25.6	31.0	27.5	29.1	29.4	26.6	27.8	25.3	24.2	24.7
21	27.2	24.7	25.8	31.1	27.9	29.4	29.7	26.8	28.2	24.7	23.4	23.9
22	25.8	24.5	25.1	31.0	28.3	29.5	29.7	27.0	28.5	23.5	23.2	23.3
23	26.3	24.7	25.3	30.3	27.5	28.8	---	---	---	23.3	---	---
24	26.9	24.9	25.7	30.3	27.3	28.8	---	---	---	22.8	22.1	22.5
25	26.8	25.0	25.8	29.8	27.6	28.6	---	---	---	22.4	20.7	21.5
26	26.0	24.7	25.3	29.9	27.5	28.5	29.4	---	---	20.7	20.6	20.6
27	27.3	25.3	26.2	30.3	27.7	28.9	---	---	---	---	---	---
28	26.4	25.3	25.9	31.2	27.9	29.4	---	---	---	---	---	---
29	27.0	24.9	25.9	31.6	28.3	29.9	27.2	---	---	---	---	---
30	28.6	26.1	27.2	31.8	28.2	30.0	27.5	24.6	26.0	---	---	---
31	---	---	---	30.7	28.4	29.4	27.7	25.2	26.3	---	---	---
MONTH	28.6	22.3	25.3	31.8	23.3	28.0	31.5	24.6	28.0	30.5	20.6	25.4
YEAR	31.8	0.7	17.2									

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LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
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DD #4, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.1	8.3	9.0	14.5	10.4	12.0	---	---	---	13.5	13.1	13.3
2	---	---	---	14.4	10.1	11.6	---	---	---	13.8	13.5	13.6
3	---	---	---	13.8	9.3	11.0	---	---	---	13.8	13.5	13.6
4	11.5	8.5	9.8	12.3	8.7	10.1	9.6	9.0	9.3	13.9	13.6	13.8
5	10.7	8.0	9.3	11.8	8.3	9.7	9.7	8.8	9.4	14.3	13.8	14.0
6	10.1	8.3	9.0	11.5	8.6	9.7	9.7	9.0	9.4	13.9	12.8	13.5
7	10.8	8.2	9.4	12.7	8.7	10.2	9.2	8.0	8.9	12.8	12.5	12.7
8	11.1	9.4	10.0	12.1	9.4	10.5	8.6	6.9	8.0	13.1	12.5	12.8
9	12.0	9.6	10.7	12.2	9.0	10.2	8.7	7.2	8.0	13.4	13.0	13.2
10	12.7	9.5	10.9	11.9	9.2	10.2	8.7	7.7	8.2	13.3	12.8	13.1
11	11.0	8.5	9.9	11.8	9.1	10.0	---	---	---	12.8	12.3	12.5
12	9.0	7.5	8.3	11.8	8.9	10.0	---	---	---	12.5	12.0	12.3
13	7.7	6.8	7.2	11.8	8.9	10.1	---	---	---	13.1	12.1	12.6
14	7.2	5.0	6.5	12.4	9.2	10.4	8.9	0.0	3.2	13.5	12.6	13.0
15	7.2	4.5	6.3	12.8	9.4	10.7	8.4	1.1	6.9	13.8	12.5	13.1
16	8.0	6.5	7.3	13.1	9.3	11.0	9.3	8.4	8.9	13.4	12.7	13.1
17	9.2	7.5	8.3	13.3	9.8	11.2	9.8	8.6	9.4	13.7	12.5	13.2
18	10.2	8.7	9.2	12.8	9.8	11.0	9.3	8.9	9.1	13.7	12.4	13.2
19	11.1	8.9	9.7	12.7	9.9	10.9	---	---	---	13.3	10.8	12.0
20	11.5	9.2	9.9	12.2	9.1	10.4	---	---	---	10.8	10.5	10.6
21	11.2	9.1	9.7	11.9	8.6	10.1	---	---	---	10.7	10.5	10.6
22	11.1	8.7	9.5	12.5	9.7	10.8	11.3	10.9	11.2	11.0	10.5	10.7
23	11.0	8.2	9.3	11.3	9.1	10.3	11.3	11.1	11.2	11.2	10.7	11.0
24	9.6	7.4	8.5	9.6	8.0	8.9	11.2	11.0	11.1	10.9	10.0	10.4
25	10.0	7.2	8.2	---	---	---	11.7	11.2	11.4	10.0	8.9	9.4
26	10.3	7.3	8.5	---	---	---	12.3	11.7	12.0	9.3	8.9	9.1
27	11.2	8.0	9.3	---	---	---	12.7	12.3	12.5	9.8	9.2	9.5
28	11.8	8.9	10.2	8.5	8.0	8.3	12.9	12.7	12.8	10.5	8.9	9.6
29	12.7	10.0	11.1	8.3	7.4	7.9	12.8	12.3	12.7	10.7	9.9	10.3
30	14.1	10.7	11.9	---	---	---	12.8	12.5	12.7	---	---	---
31	14.9	10.5	12.1	---	---	---	13.1	12.8	13.0	---	---	---
MONTH	14.9	4.5	9.3	14.5	7.4	10.3	13.1	0.0	10.0	14.3	8.9	12.1

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #4, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	16.1	14.5	15.3	---	---	---	---	---	---
2	10.0	9.8	9.9	15.7	13.6	14.6	---	---	---	---	---	---
3	10.4	10.0	10.2	13.6	12.8	13.1	---	---	---	---	---	---
4	10.7	10.3	10.5	14.6	13.1	13.8	---	---	---	---	---	---
5	11.4	10.7	11.1	15.8	14.4	15.1	9.5	9.0	9.3	---	---	---
6	11.9	11.4	11.6	15.4	13.0	14.4	9.7	9.4	9.6	---	---	---
7	11.9	11.7	11.8	14.0	12.5	13.3	10.0	9.6	9.8	---	---	---
8	11.9	11.7	11.8	13.7	12.0	12.9	9.9	9.5	9.7	---	---	---
9	11.9	11.7	11.8	12.9	11.1	11.7	9.5	9.2	9.3	---	---	---
10	11.7	11.4	11.5	12.3	10.6	11.5	9.4	9.0	9.2	---	---	---
11	11.4	11.2	11.2	12.7	11.1	11.9	9.5	6.2	8.7	---	---	---
12	11.6	11.3	11.5	12.2	10.7	11.3	8.9	8.5	8.7	---	---	---
13	11.9	11.6	11.8	---	---	---	8.9	8.4	8.6	---	---	---
14	12.1	11.9	12.0	---	---	---	8.9	8.4	8.6	---	---	---
15	12.3	12.1	12.1	---	---	---	9.7	8.3	9.0	---	---	---
16	12.1	11.8	11.9	---	---	---	---	---	---	---	---	---
17	11.9	11.7	11.8	---	---	---	---	---	---	---	---	---
18	12.4	11.8	12.2	---	---	---	---	---	---	---	---	---
19	12.8	12.2	12.5	---	---	---	---	---	---	---	---	---
20	12.6	12.0	12.3	---	---	---	---	---	---	---	---	---
21	12.0	11.6	11.7	---	---	---	---	---	---	---	---	---
22	12.2	11.6	11.8	---	---	---	---	---	---	---	---	---
23	13.0	11.9	12.5	---	---	---	---	---	---	---	---	---
24	13.5	12.5	13.0	---	---	---	---	---	---	---	---	---
25	13.9	12.7	13.3	---	---	---	---	---	---	---	---	---
26	13.6	12.4	13.1	---	---	---	---	---	---	---	---	---
27	14.4	12.4	13.5	---	---	---	---	---	---	10.8	9.7	10.2
28	15.5	13.7	14.7	---	---	---	---	---	---	10.9	9.4	10.2
29	---	---	---	---	---	---	---	---	---	10.5	9.0	9.8
30	---	---	---	10.7	9.8	10.2	---	---	---	9.8	8.6	9.2
31	---	---	---	---	---	---	---	---	---	9.5	8.2	8.9
MONTH	15.5	9.8	12.0	16.1	9.8	13.0	10.0	6.2	9.1	10.9	8.2	9.7

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 344000 LONGITUDE 0845542 NAD27 DRAINAGE AREA 687.00 CONTRIBUTING DRAINAGE AREA 687 DATUM 622.28 NGVD29
Date Processed: 2003-03-13 16:08 By ceoberst
APPROVED
DD #4, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.3	7.9	8.6	7.8	6.0	6.8	10.0	5.1	6.9	8.8	5.2	6.3
2	9.1	7.6	8.4	8.0	6.1	6.9	11.2	5.2	7.5	8.4	4.7	6.1
3	8.9	7.2	8.1	7.1	5.6	6.4	11.3	5.1	7.6	8.8	4.6	6.0
4	8.7	6.8	7.8	7.4	5.9	6.5	10.8	5.0	7.5	9.6	3.9	6.2
5	8.2	4.5	6.7	9.9	6.2	7.6	11.6	3.6	7.2	10.4	4.4	6.6
6	6.0	5.2	5.7	9.6	5.8	7.3	12.7	4.9	7.8	11.8	---	---
7	6.5	6.0	6.3	9.0	6.1	7.2	13.3	4.7	7.9	12.7	5.8	8.1
8	6.8	6.3	6.5	9.0	5.7	7.0	13.1	5.9	8.6	13.9	5.9	9.1
9	6.9	6.4	6.6	9.5	5.8	7.2	13.6	5.5	8.4	14.6	6.7	9.6
10	7.2	6.3	6.7	9.4	4.5	6.6	10.5	3.3	7.5	14.6	6.7	9.8
11	7.3	6.4	6.8	---	---	---	10.2	4.4	6.8	12.6	6.9	8.9
12	7.5	6.3	6.9	---	---	---	9.5	5.0	7.3	11.7	5.5	7.8
13	7.4	6.2	6.8	6.0	5.0	5.6	---	---	---	9.0	4.4	6.9
14	7.0	5.9	6.4	6.0	5.3	5.7	---	---	---	---	---	---
15	7.5	6.3	6.8	6.0	3.8	5.3	---	---	---	---	---	---
16	7.6	6.1	7.1	6.5	5.2	5.7	---	---	---	---	---	---
17	8.1	6.7	7.4	6.6	5.2	5.8	9.7	4.5	7.0	6.7	4.1	5.1
18	8.2	6.9	7.5	6.8	5.0	5.6	---	---	---	6.4	4.3	5.3
19	8.6	7.0	7.6	7.2	5.2	5.8	---	---	---	6.3	4.6	5.5
20	8.4	7.1	7.6	7.3	4.8	5.8	---	---	---	6.1	4.4	5.5
21	8.8	7.0	7.6	6.9	4.3	5.4	7.5	4.8	5.7	6.4	0.1	3.3
22	8.2	7.0	7.4	6.9	4.5	5.4	7.0	4.3	5.5	6.8	0.1	2.7
23	7.9	6.6	7.2	6.6	4.7	5.6	---	---	---	6.9	6.0	6.4
24	7.8	6.5	6.9	---	---	---	---	---	---	6.6	6.4	6.5
25	7.1	6.1	6.6	---	---	---	---	---	---	7.3	6.3	6.8
26	6.6	5.2	6.1	11.4	6.1	7.8	---	---	---	7.2	0.1	3.3
27	7.5	5.9	6.7	12.3	6.3	8.4	---	---	---	---	---	---
28	7.0	6.4	6.7	12.2	6.3	8.2	---	---	---	---	---	---
29	7.5	6.5	6.9	11.4	6.0	7.7	---	---	---	---	---	---
30	7.8	6.3	6.9	10.8	4.9	7.2	7.5	4.5	5.9	---	---	---
31	---	---	---	---	---	---	8.8	4.6	6.2	---	---	---
MONTH	9.3	4.5	7.0	12.3	3.8	6.6	13.6	3.3	7.1	14.6	0.1	6.4
YEAR	16.1	0.0	9.3									

MOBILE RIVER BASIN
2002 Water Year

02387010 CONASAUGA RIVER AT SLOAN BRIDGE, BELOW DALTON, GA

LOCATION.—Lat $34^{0}37'45"$, Long $84^{0}55'02"$ referenced to North American Datum (NAD) of 1927, Whitfield-Murray County Line, Hydrologic Unit 031501014, 2.7 miles southeast of Tilton, located on downstream right bank pier at Sloan Bridge.

DRAINAGE AREA.—695 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1937 to current year.

GAGE.—Water-stage recorder. Datum of gage is 622.28 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records fair. Station is auxiliary gage for 02387000 Conasauga River at Tilton.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 17.15 feet, January 27; minimum gage-height recorded, 0.00 feet, numerous days (but could be lower during periods of missing record).

STATION NUMBER 02387010 CONASAUGA RIVER AT SLOAN BRIDGE, BELOW DALTON, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 313
LATITUDE 343745 LONGITUDE 0845502 NAD27 DRAINAGE AREA 695.00 CONTRIBUTING DRAINAGE AREA 695* DATUM 618.95 NGVD29
Date Processed: 2003-03-11 11:07 By bemccall
APPROVED
DD #1, AUX
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.32	0.04	1.54	0.91	2.56	1.02	15.09	1.62	0.86	---	---	0.10
2	0.20	0.04	1.65	0.87	2.79	1.34	14.21	2.95	0.75	---	---	0.10
3	0.14	0.04	1.15	0.73	2.44	2.23	6.06	3.53	0.66	---	---	0.09
4	0.12	0.04	0.75	0.65	2.09	2.49	3.79	11.00	0.54	---	---	0.09
5	0.11	0.04	0.57	0.63	1.89	2.07	3.04	14.33	2.47	---	---	0.09
6	0.11	0.04	0.47	1.07	1.94	1.68	2.60	15.27	3.42	---	---	0.09
7	0.10	0.03	0.38	1.96	4.73	1.49	2.32	8.81	---	---	---	0.09
8	0.11	0.02	0.34	1.70	5.50	1.37	2.10	3.52	---	---	---	0.09
9	0.10	0.02	0.34	1.26	4.09	1.34	1.99	2.79	---	---	---	0.09
10	0.10	0.02	0.60	1.03	3.22	1.61	2.02	2.67	---	---	---	0.08
11	0.10	0.02	1.96	0.96	2.75	1.52	2.03	2.69	---	---	---	0.08
12	0.09	0.01	2.53	0.93	2.38	1.62	1.93	2.20	---	---	---	0.08
13	0.08	0.01	2.74	0.94	2.11	4.14	2.04	1.99	---	---	---	0.08
14	0.36	0.01	6.11	0.90	1.91	4.64	2.00	2.60	---	---	---	0.08
15	0.44	0.01	7.51	0.76	1.75	3.47	1.77	2.48	---	---	---	0.08
16	0.41	0.00	4.31	0.68	1.68	2.65	1.54	1.66	---	---	---	0.08
17	0.28	0.00	2.92	0.65	1.61	2.50	1.51	1.44	---	---	---	0.08
18	0.17	0.00	4.68	0.62	1.49	2.37	1.46	1.93	---	---	---	0.09
19	0.14	0.00	3.96	2.27	1.35	2.12	1.24	3.36	---	---	---	0.29
20	0.12	0.00	2.58	9.44	1.38	2.22	1.28	2.50	---	---	---	0.23
21	0.12	0.00	1.96	11.43	1.75	5.49	1.17	1.92	---	---	---	4.31
22	0.12	0.00	1.64	8.20	1.69	5.65	1.13	1.48	---	---	---	9.00
23	0.10	0.00	1.51	5.98	1.46	3.66	0.98	1.30	---	---	0.12	3.01
24	0.08	0.28	1.63	8.62	1.36	2.82	0.91	1.22	---	---	0.10	1.61
25	0.08	1.94	1.76	14.42	1.27	2.43	0.86	1.12	---	---	0.10	1.67
26	0.07	1.96	1.61	16.21	1.16	2.16	1.24	1.10	---	---	0.10	6.12
27	0.07	1.64	1.43	17.03	1.13	2.64	1.11	1.04	---	---	0.10	7.55
28	0.06	0.91	1.29	11.95	1.09	2.59	1.03	1.05	---	---	0.10	6.12
29	0.05	0.60	1.21	4.20	---	2.13	0.93	0.98	---	---	0.10	3.39
30	0.05	1.15	1.11	3.30	---	5.18	0.80	0.88	---	---	0.10	2.02
31	0.04	---	1.02	2.79	---	13.46	---	0.77	---	---	0.10	---
MEAN	0.14	0.30	2.04	4.29	2.16	2.97	2.67	3.30	---	---	---	1.56
MAX	0.44	1.96	7.51	17.03	5.50	13.46	15.09	15.27	---	---	---	9.00
MIN	0.04	0.00	0.34	0.62	1.09	1.02	0.80	0.77	---	---	---	0.08

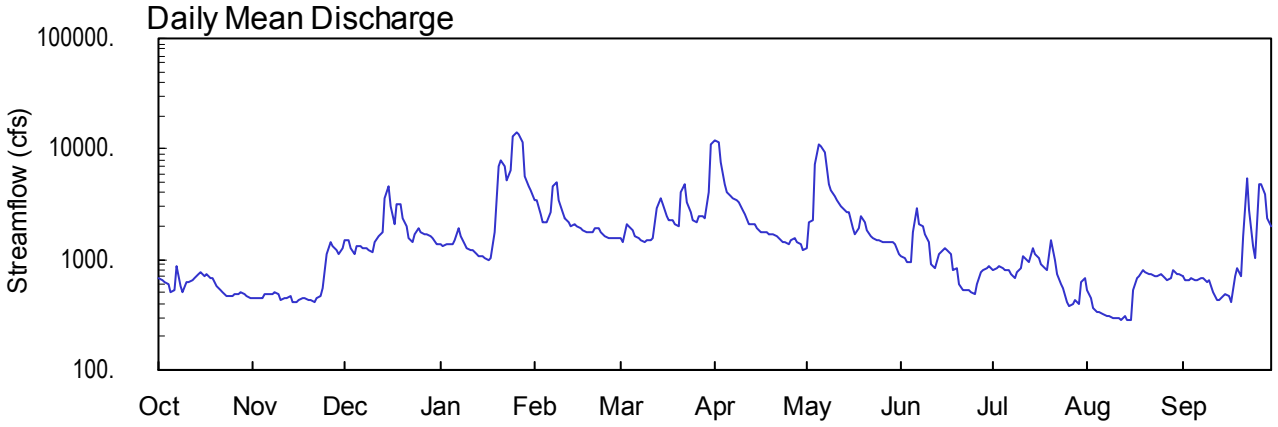
MOBILE RIVER BASIN

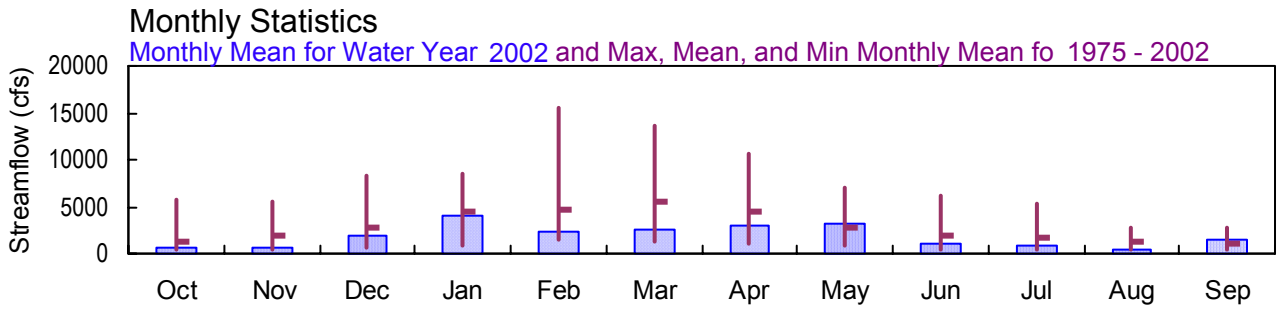
2002 Water Year

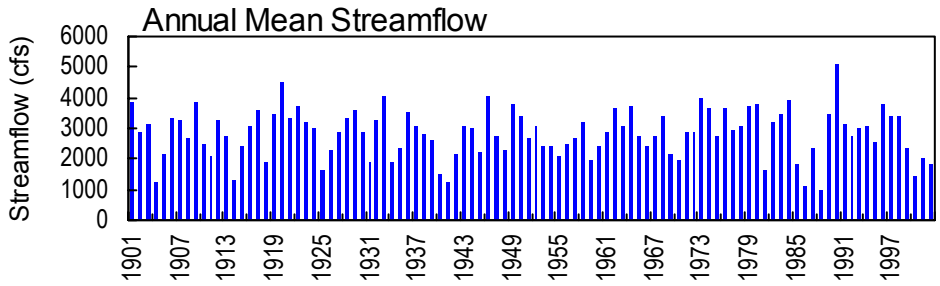
02387500 OOSTANAULA RIVER AT RESACA, GA

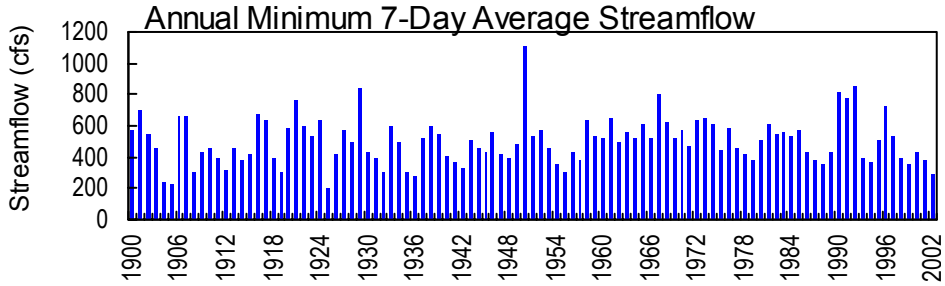
Latitude: 34°34'42" Longitude: 84°56'29" Hydrologic Unit Code: 03150103 Gordon County

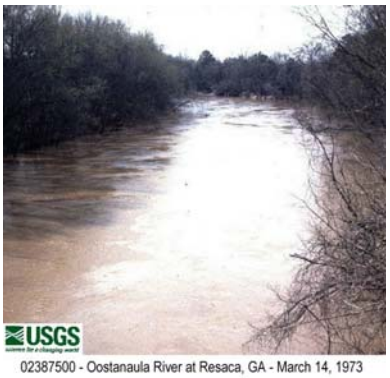
Drainage Area: 1,602. mi^2 Datum: 604.14 feet



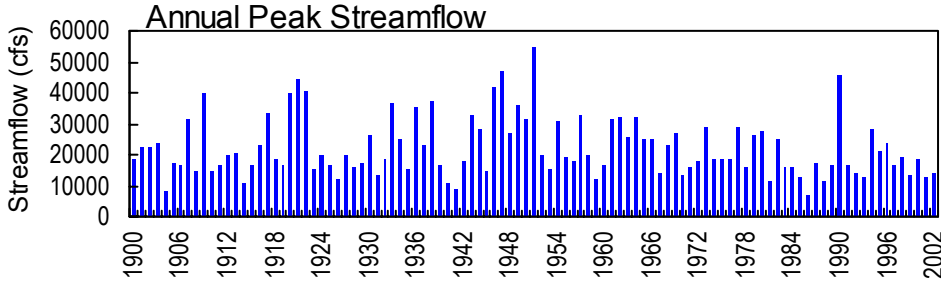








02387500 - Oostanaula River at Resaca, GA - March 14, 1973



MOBILE RIVER BASIN
2002 Water Year

02387500 OOSTANAULA RIVER AT RESACA, GA

LOCATION.—Lat 34°34'42", long 84°56'29" referenced to North American Datum (NAD) of 1983, Gordon County, Hydrologic Unit 03150103, on downstream side of center pier of bridge on US 41 at Resaca, 200 feet downstream from Nashville, Chattanooga, & St. Louis Railway bridge, 0.8 miles upstream from Camp Creek, and 3.5 miles downstream from confluence of Conasauga and Coosawattee Rivers.

DRAINAGE AREA.—1,600 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1892 to current year. Monthly discharge only for October 1892, published in WSP 1304.

REVISED RECORDS.—WSP 697: 1896-1928. WSP 1504: 1897-1903, 1905-07, 1909, 1912-13, 1914-15(M), 1916-18, 1919(M), 1920-22. 1923(M), 1924, 1927, 1929-30, 1932, 1933(M), 1936(M), 1938(M), 1946- 47(M). WDR GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 604.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Corps of Engineers). Since June 1, 1979, an auxiliary water-stage recorder has been located at Calhoun waterworks intake 6.5 miles downstream. From October 28, 1948, to May 31, 1979, a non-recording auxiliary gage was located at GA 136 connector 7.1 miles downstream.

REMARKS.—Records good, except for periods of estimated discharge, which are fair. Flow regulated by Carters Lake and re-regulation dam. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1834, 36.6 feet, April 1, 1886, from information by Georgia Department of Archives; discharge, 68,600 ft^3/s.

02387500 OOSTANAULA RIVER AT RESACA, GA--continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1892 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 604.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Corps of Engineers). Since June 1, 1979, an auxiliary water-stage recorder has been located at Calhoun waterworks intake 6.5 miles downstream. From October 28, 1948, to May 31, 1979, a non-recording auxiliary gage was located at GA 136 connector 7.1 miles downstream.

REMARKS.—Records good. Gage-height records collected at same site since 1892 are contained in reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 19.32 feet, January 26; minimum gage-height recorded, 1.29 feet, August 14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—June 1, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343442 LONGITUDE 0845629 NAD83 DRAINAGE AREA 1602.00 CONTRIBUTING DRAINAGE AREA 1602* DATUM 604.14 NGVD29
Date Processed: 2003-03-11 13:22 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	678	447	1520	1370	3450	e1590	12200	1260	1060	791	521	698
2	641	445	1510	1330	3440	e1450	11700	2130	1040	830	451	654
3	628	450	1270	1350	2530	e2050	e7670	2240	950	879	370	657
4	587	451	1120	1390	2180	2040	4710	7370	950	831	338	671
5	507	491	1320	1400	2170	1860	4020	10900	1750	805	329	659
6	539	481	1300	1500	2700	1630	3710	10600	e2900	793	317	661
7	872	489	1270	1890	4660	1530	3600	9150	e2080	743	302	674
8	569	503	1280	1640	4900	1470	3380	4850	e1960	e681	303	680
9	517	479	1210	1400	3450	1430	3280	4180	1660	e775	298	e630
10	614	430	1170	1280	2730	e1510	2840	3780	1410	837	297	e656
11	623	440	1440	1200	2390	1520	2550	3480	915	1060	297	517
12	641	449	1620	1190	2150	1530	2120	3070	824	977	288	425
13	670	459	1750	1140	2000	2850	2110	2880	1140	944	303	435
14	723	413	3540	1060	2060	3640	2070	e2650	e1160	1290	281	461
15	772	417	4520	1060	1990	e3130	1920	e2630	e1260	1110	280	479
16	717	427	3050	1040	1940	2420	1790	e1910	1220	1020	526	472
17	727	440	2050	1000	1870	2240	1780	1720	1130	908	673	409
18	683	444	3220	1020	1770	2250	1740	e1880	e793	849	707	702
19	666	437	3160	1800	1740	2100	1710	e2460	e830	806	805	832
20	566	429	2400	6910	1730	e2040	1680	2190	609	1470	774	699
21	531	420	2020	7820	1880	3980	1600	e1840	527	983	743	1610
22	501	441	1590	6920	e1900	4810	1530	e1630	527	742	730	5430
23	474	459	1460	5230	e1750	3270	1440	1560	529	602	704	e2820
24	457	541	1690	6380	1650	2640	1410	1520	512	557	712	e1310
25	466	1100	1920	12800	1550	2300	1400	1470	484	420	728	e1030
26	491	1440	1800	14100	1550	e2140	1520	1440	589	378	673	e4750
27	490	1310	1700	13600	1530	e2450	1550	1410	779	394	660	e4860
28	499	1200	1670	11700	1560	e2510	1460	1430	801	421	679	e3900
29	487	1100	1650	5730	---	2380	1380	1430	836	398	793	e2400
30	472	1290	1540	4510	---	4010	1200	e1370	855	632	748	e2030
31	447	---	1390	4250	---	11100	---	e1100	---	e667	729	---
TOTAL	18255	18322	58150	125010	65220	81870	91070	97530	32080	24593	16359	42211
MEAN	589	611	1876	4033	2329	2641	3036	3146	1069	793	528	1407
MAX	872	1440	4520	14100	4900	11100	12200	10900	2900	1470	805	5430
MIN	447	413	1120	1000	1530	1430	1200	1100	484	378	280	409
CFSM	0.37	0.38	1.17	2.52	1.45	1.65	1.89	1.96	0.67	0.50	0.33	0.88
IN.	0.42	0.43	1.35	2.90	1.51	1.90	2.11	2.26	0.74	0.57	0.38	0.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2002, BY WATER YEAR (WY)

MEAN	1381	1986	2865	4389	4766	5621	4465	2789	1975	1602	1179	1151
MAX	5843	5560	8388	8517	15450	13530	10630	6948	6110	5327	2735	2732
(WY)	1990	1978	1983	1982	1990	1980	1977	1984	1989	1976	1984	1975
MIN	396	462	629	830	1435	1314	1060	751	397	452	511	449
(WY)	1979	1988	1988	1981	2000	1988	1986	1988	1988	1988	1986	1993

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1975 - 2002	
ANNUAL TOTAL	744108		670670			
ANNUAL MEAN	2039		1837		2838	
HIGHEST ANNUAL MEAN					5056	1990
LOWEST ANNUAL MEAN					978	1988
HIGHEST DAILY MEAN	12200	Jan 20	14100	Jan 26	44400	Feb 18 1990
LOWEST DAILY MEAN	413	Nov 14	280	Aug 15	280	Aug 15 2002
ANNUAL SEVEN-DAY MINIMUM	430	Nov 14	292	Aug 9	292	Aug 9 2002
MAXIMUM PEAK FLOW			14300	Jan 26	45500	Feb 18 1990
MAXIMUM PEAK STAGE			19.32	Jan 26	32.59	Feb 18 1990
ANNUAL RUNOFF (CFSM)	1.27		1.15		1.77	
ANNUAL RUNOFF (INCHES)	17.28		15.57		24.07	
10 PERCENT EXCEEDS	4070		3670		6340	
50 PERCENT EXCEEDS	1390		1290		1730	
90 PERCENT EXCEEDS	531		450		578	

e Estimated

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343442 LONGITUDE 0845629 NAD83 DRAINAGE AREA 1602.00 CONTRIBUTING DRAINAGE AREA 1602* DATUM 604.14 NGVD29
Date Processed: 2003-03-11 13:22 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.40	1.80	4.13	3.85	7.23	---	17.14	3.63	3.25	2.67	2.00	2.45
2	2.31	1.80	4.11	3.78	7.22	---	16.61	5.21	3.20	2.75	1.81	2.34
3	2.28	1.81	3.66	3.83	5.84	---	---	5.37	3.02	2.86	1.58	2.35
4	2.17	1.81	3.37	3.89	5.28	5.06	8.93	11.99	3.02	2.76	1.49	2.38
5	1.96	1.92	3.76	3.91	5.26	4.74	8.03	15.91	4.47	2.70	1.46	2.35
6	2.05	1.90	3.72	4.10	6.11	4.33	7.60	15.61	---	2.67	1.42	2.36
7	2.84	1.92	3.66	4.80	8.86	4.15	7.44	14.06	---	2.55	1.37	2.39
8	2.14	1.95	3.68	4.34	9.18	4.05	7.12	9.11	---	---	1.38	2.40
9	1.99	1.89	3.55	3.91	7.23	3.96	6.99	8.24	4.38	---	1.36	---
10	2.24	1.76	3.47	3.67	6.17	---	6.33	7.69	3.92	2.76	1.36	---
11	2.26	1.78	3.98	3.52	5.63	4.13	5.88	7.27	2.93	3.25	1.36	1.99
12	2.31	1.81	4.31	3.50	5.23	4.15	5.18	6.67	2.74	3.08	1.33	1.74
13	2.38	1.84	4.54	3.41	4.98	6.33	5.16	6.38	3.41	3.00	1.38	1.77
14	2.51	1.71	7.32	3.25	5.08	7.50	5.09	---	---	3.71	1.31	1.84
15	2.62	1.72	8.69	3.24	4.96	---	4.85	---	---	3.34	1.31	1.89
16	2.49	1.75	6.62	3.22	4.87	5.68	4.62	---	3.56	3.16	2.00	1.87
17	2.52	1.78	5.06	3.13	4.75	5.38	4.59	4.49	3.37	2.93	2.39	1.69
18	2.41	1.79	6.90	3.16	4.59	5.40	4.53	---	---	2.80	2.47	2.44
19	2.37	1.77	6.81	4.48	4.53	5.14	4.47	---	---	2.70	2.70	2.76
20	2.12	1.75	5.64	11.61	4.50	---	4.42	5.29	2.22	4.04	2.63	2.45
21	2.03	1.73	5.02	12.63	4.77	7.91	4.27	---	2.02	3.07	2.55	4.14
22	1.95	1.78	4.25	11.60	---	9.06	4.16	---	2.02	2.55	2.52	9.84
23	1.88	1.84	4.02	9.61	---	6.96	3.98	4.21	2.02	2.21	2.46	---
24	1.83	2.05	4.43	10.96	4.37	6.01	3.93	4.12	1.98	2.10	2.48	---
25	1.85	3.29	4.85	17.69	4.19	5.48	3.91	4.04	1.90	1.72	2.52	---
26	1.92	3.98	4.63	19.15	4.19	---	4.13	3.99	2.18	1.61	2.39	---
27	1.92	3.74	4.45	18.57	4.15	---	4.19	3.92	2.64	1.65	2.35	---
28	1.94	3.53	4.40	16.71	4.21	---	4.01	3.97	2.69	1.73	2.40	---
29	1.91	3.33	4.37	10.21	---	5.62	3.87	3.97	2.77	1.66	2.67	---
30	1.87	3.70	4.17	8.68	---	7.89	3.53	---	2.81	2.28	2.57	---
31	1.80	---	3.89	8.33	---	16.02	---	---	---	---	2.52	---
MEAN	2.17	2.17	4.69	7.31	---	---	---	---	---	---	1.99	---
MAX	2.84	3.98	8.69	19.15	---	---	---	---	---	---	2.70	---
MIN	1.80	1.71	3.37	3.13	---	---	---	---	---	---	1.31	---

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343442 LONGITUDE 0845629 NAD83 DRAINAGE AREA 1602.00 CONTRIBUTING DRAINAGE AREA 1602* DATUM 604.14 NGVD29
Date Processed: 2003-03-11 13:22 By acday
APPROVED
DD #7, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.01	0.00	0.23	---	---	1.02	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	---	0.00	0.08	0.00	0.07	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	---	0.00	---	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00
6	0.38	0.00	0.00	0.83	0.90	0.00	0.00	0.00	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.75	0.02	0.00	0.00	0.00
8	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.30	0.26	0.34	0.00	0.00	0.00	0.00
10	0.00	0.00	0.94	0.00	0.03	0.00	0.00	---	0.00	3.49	0.00	0.00
11	0.00	0.00	0.00	0.03	0.00	0.00	0.01	---	0.00	0.01	0.00	0.00
12	0.43	0.00	0.00	0.00	0.01	---	0.32	0.25	0.00	0.00	0.00	0.00
13	0.18	0.00	0.93	0.00	0.00	---	0.00	0.04	0.80	0.99	0.00	0.11
14	0.33	0.00	0.55	0.00	0.00	0.00	0.03	0.00	0.37	0.00	0.00	---
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	---
16	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.01	0.01
17	0.00	0.00	1.03	0.00	0.00	0.01	1.23	0.82	0.00	0.00	0.51	0.49
18	0.00	0.00	0.00	0.10	0.00	0.06	0.00	0.02	---	0.00	0.08	0.08
19	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.00	---	0.00	0.04	0.00
20	0.00	0.00	0.00	0.00	0.33	---	0.00	0.00	0.14	0.00	0.01	1.21
21	0.00	0.00	0.00	0.74	0.00	---	0.00	0.00	0.00	0.00	0.00	0.93
22	0.00	0.00	0.00	0.16	0.00	0.00	0.03	0.00	0.00	0.00	0.05	0.19
23	0.00	0.33	0.36	0.55	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
24	0.13	0.96	0.00	1.96	0.00	0.00	---	0.00	0.01	0.00	0.02	0.00
25	0.06	0.42	0.00	0.04	0.00	0.00	---	0.00	0.06	0.00	0.51	---
26	0.00	0.00	0.00	0.00	0.04	0.37	---	0.07	0.00	0.00	0.00	---
27	0.00	0.00	0.00	0.00	0.00	0.00	---	0.11	0.20	0.00	0.07	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.22	0.00	0.10	0.00
29	0.00	0.42	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.01	0.00
30	0.00	0.33	0.00	0.00	---	---	0.18	0.00	0.05	0.00	0.06	0.00
31	0.00	---	0.00	0.00	---	---	---	0.00	---	0.00	0.00	---
TOTAL	1.51	2.46	3.83	6.16	1.73	---	---	---	---	4.85	1.47	---

MOBILE RIVER BASIN
2002 Water Year

02387520 OOSTANAULA RIVER NEAR CALHOUN, GA

LOCATION.—Lat 34°31'08", long 84°57'16" referenced to North American Datum (NAD) of 1983, Gordon County, Hydrologic Unit 03150103, 6.5 miles downstream of base gage, 5.5 miles below confluence of Coosawattee River and Conasauga River.

DRAINAGE AREA.—1,624 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1892 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 604.14 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.—Records good. Station is auxiliary gage for 02387500 Oostanaula River at Resaca.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 21.48 feet, January 26; minimum gage-height recorded, 1.99 feet, October 8.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 15, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02387520 OOSTANAULA RIVER AT CALHOUN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343108 LONGITUDE 0845716 NAD83 DRAINAGE AREA 1624.00 CONTRIBUTING DRAINAGE AREA 1624* DATUM 620.00 NGVD29
Date Processed: 2003-03-11 11:08 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.19	2.60	4.78	4.51	8.09	4.92	19.30	4.75	4.04	3.44	2.88	3.27
2	3.16	2.60	4.75	4.45	8.05	4.70	18.60	6.46	4.03	3.55	2.66	3.16
3	3.15	2.60	4.39	4.48	6.65	5.55	14.46	6.82	3.85	3.69	2.45	3.15
4	3.14	2.61	4.06	4.55	5.97	5.73	10.02	13.96	3.84	3.59	2.32	3.20
5	3.12	2.69	4.37	4.57	5.88	5.45	8.96	18.46	4.88	3.53	2.29	3.19
6	3.09	2.70	4.40	4.72	6.69	5.02	8.43	18.07	7.53	3.48	2.25	3.18
7	3.58	2.71	4.32	5.42	9.66	4.83	8.21	16.78	6.01	3.39	2.22	3.18
8	---	2.74	4.34	5.06	10.50	4.74	7.88	11.14	5.63	3.25	2.21	3.22
9	---	2.71	4.25	4.61	8.27	4.65	7.72	9.68	5.20	3.39	2.20	3.12
10	2.99	2.55	4.16	4.37	6.97	4.76	7.10	9.10	4.73	3.52	2.18	3.13
11	3.05	2.57	4.60	4.22	6.36	4.81	6.56	8.52	3.82	4.14	2.20	2.91
12	3.09	2.60	4.90	4.19	5.94	4.81	5.92	7.78	3.53	3.90	2.16	2.57
13	3.16	2.65	5.07	4.12	5.68	6.82	5.80	7.39	4.14	3.75	2.20	2.59
14	3.26	2.51	7.73	3.97	5.74	8.23	5.76	6.99	4.25	4.45	2.14	2.68
15	3.40	2.51	9.61	3.95	5.64	7.56	5.53	7.04	4.41	4.19	2.13	2.72
16	3.26	2.54	7.58	3.93	5.55	6.40	5.29	5.80	4.34	3.98	2.66	2.70
17	3.30	2.57	5.74	3.86	5.43	6.04	5.25	5.25	4.22	3.75	3.17	2.59
18	3.20	2.58	7.49	3.87	5.27	6.08	5.21	5.61	3.58	3.62	3.24	3.11
19	3.16	2.58	7.57	4.90	5.20	5.81	5.15	6.47	3.47	3.51	3.50	3.60
20	2.97	2.55	6.36	12.69	5.18	5.77	5.09	6.23	3.16	4.62	3.44	3.28
21	2.83	2.53	5.71	14.26	5.41	8.73	4.96	5.56	2.88	4.03	3.36	4.52
22	2.77	2.56	4.98	13.54	5.44	10.36	4.85	5.17	2.89	3.38	3.33	10.99
23	2.69	2.61	4.70	10.96	5.21	7.93	4.70	5.00	2.87	3.08	3.28	8.36
24	2.64	2.82	5.02	12.36	5.04	6.76	4.64	4.93	2.85	2.95	3.28	4.85
25	2.65	3.85	5.47	19.76	4.88	6.21	4.62	4.83	2.79	2.61	3.34	4.28
26	2.71	4.67	5.30	21.34	4.88	5.97	4.79	4.78	2.98	2.44	3.21	9.15
27	2.72	4.46	5.10	20.70	4.82	6.38	4.88	4.70	3.41	2.45	3.17	10.72
28	2.73	4.21	5.04	19.16	4.86	6.54	4.73	4.77	3.52	2.56	3.20	9.37
29	2.72	4.05	5.01	12.26	---	6.30	4.60	4.76	3.58	2.51	3.46	6.83
30	2.68	4.31	4.84	9.74	---	8.74	4.33	4.65	3.65	2.97	3.39	5.03
31	2.61	---	4.58	9.29	---	18.15	---	4.17	---	3.21	3.32	---
MEAN	---	2.94	5.36	8.38	6.19	6.60	7.11	7.60	4.00	3.45	2.80	4.49
MAX	---	4.67	9.61	21.34	10.50	18.15	19.30	18.46	7.53	4.62	3.50	10.99
MIN	---	2.51	4.06	3.86	4.82	4.65	4.33	4.17	2.79	2.44	2.13	2.57

STATION NUMBER 02387520 OOSTANAULA RIVER AT CALHOUN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 129
LATITUDE 343108 LONGITUDE 0845716 NAD83 DRAINAGE AREA 1624.00 CONTRIBUTING DRAINAGE AREA 1624* DATUM 620.00 NGVD29
Date Processed: 2003-03-11 11:16 By bemccall
APPROVED
DD #2, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.15	0.00	0.00	1.10	0.00	0.18	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.23	0.00	0.23	0.02	0.00
3	0.00	0.00	0.00	0.00	0.01	0.14	0.00	0.86	0.00	1.04	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.29	0.01	0.00	0.00
5	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.79
6	0.45	0.00	0.00	0.88	0.94	0.00	0.00	0.00	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.04	0.18	0.00	0.00	0.00
8	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.11	0.14	0.37	0.00	0.00	0.00	0.00
10	0.00	0.00	0.93	0.00	0.02	0.00	0.00	0.64	0.00	0.23	0.00	0.00
11	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
12	0.37	0.00	0.01	0.00	0.00	0.55	0.35	0.12	0.00	0.00	0.00	0.00
13	0.18	0.00	0.83	0.00	0.00	0.23	0.00	0.14	0.21	0.84	0.00	0.18
14	0.24	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.38	0.01	0.00	0.76
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.02	0.01
16	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.01	0.00
17	0.00	0.00	0.94	0.00	0.00	0.02	0.00	0.59	0.00	0.00	0.03	0.41
18	0.00	0.00	0.00	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.26	0.10
19	0.00	0.00	0.00	1.86	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.01	0.00	0.00	0.33	0.88	0.00	0.00	0.03	0.00	0.00	1.10
21	0.00	0.00	0.00	0.79	0.00	0.25	0.00	0.00	0.00	0.00	0.00	1.20
22	0.00	0.00	0.00	0.13	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.82
23	0.00	0.33	0.44	0.56	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
24	0.01	1.02	0.00	2.12	0.00	0.00	0.00	0.00	0.17	0.00	0.04	0.00
25	0.02	0.31	0.00	0.03	0.00	0.00	0.33	0.00	0.78	0.00	0.72	2.50
26	0.00	0.00	0.00	0.00	0.06	0.75	0.12	0.00	0.00	0.00	0.00	0.35
27	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.69	0.01	0.00	0.25	0.67
28	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.01	0.13	0.00	0.02	0.00
29	0.00	0.41	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.38	0.00	0.00	---	2.23	0.17	0.00	0.03	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.18	---	0.00	---	0.00	0.00	---
TOTAL	1.30	2.46	3.91	6.46	1.74	6.17	1.47	6.83	2.84	2.71	1.38	8.89

MOBILE RIVER BASIN
2002 Water Year

02388010 ARMUCHEE CREEK ABOVE REGAL SPRING, NEAR ARMUCHEE, GA

LOCATION.--Lat 34°29'18", long 85°10'33" referenced to North American Datum (NAD) of 1927, Chattooga County, Hydrologic Unit 03150103, 0.30 miles downstream of the confluence of East and West Armuchee Creeks, 0.10 miles upstream of Regal Spring, 2.7 miles north of Dry Creek Road, 8.3 miles north of GA 156.

DRAINAGE AREA.—99.5 mi^2.

COOPERATION.—Chattooga County Commission.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—February 12, 2002 to September 30, 2002.

GAGE.--Standard USGS vertical staff gage. Datum of gage 660.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.—None.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
02/12/02	4.92	116
02/27/02	4.48	48.1
04/18/02	4.60	61.0
06/05/02	4.30	27.2
09/25/02	4.46	41.7

02388011 REGAL SPRING NEAR ARMUCHEE, GA

LOCATION.--Lat 34°29'13", long 85°10'29" referenced to North American Datum (NAD) of 1927, Chattooga County, Hydrologic Unit 03150103, 0.30 miles downstream of the confluence of East and West Armuchee Creeks, 2.7 miles north of Dry Creek Road, 8.3 miles north of GA 156.

DRAINAGE AREA.—Indeterminant.

COOPERATION.—Chattooga County Commission.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—February 12, 2002 to September 30, 2002.

GAGE.--Standard USGS vertical staff gage. Datum of gage 650.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.—None.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
02/12/02	3.10	22.6
02/27/02	2.68	20.3
04/18/02	2.80	21.5
06/05/02	2.54	20.3
09/25/02	2.68	19.0

02388012 ARMUCHEE CREEK BELOW REGAL SPRING, NEAR ARMUCHEE, GA

LOCATION.--Lat 34°29'05", long 85°10'40" referenced to North American Datum (NAD) of 1927, Chattooga County, Hydrologic Unit 03150103, 0.40 miles downstream of the confluence of East and West Armuchee Creeks, 0.10 miles downstream of Regal Spring, 2.7 miles north of Dry Creek Road, 8.3 miles north of GA 156.

DRAINAGE AREA.—99.5 mi^2.

COOPERATION.—Chattooga County Commission.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—February 12, 2002 to September 30, 2002.

GAGE.--Standard USGS vertical staff gage. Datum of gage 650.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.—None.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
02/12/02	1.28	132
02/27/02	0.84	67.7
04/18/02	0.96	84.4
06/05/02	0.68	48.2
09/25/02	0.84	67.3

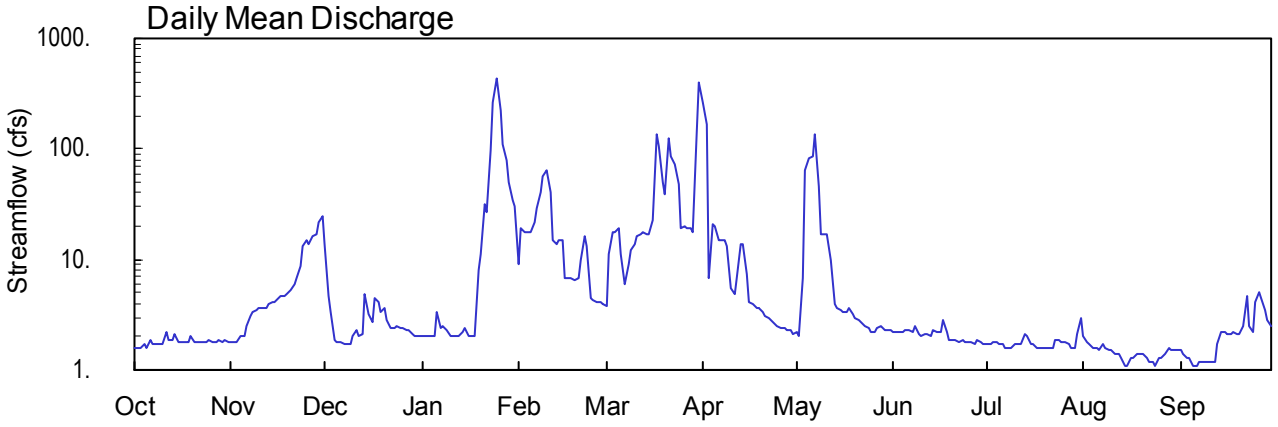
MOBILE RIVER BASIN

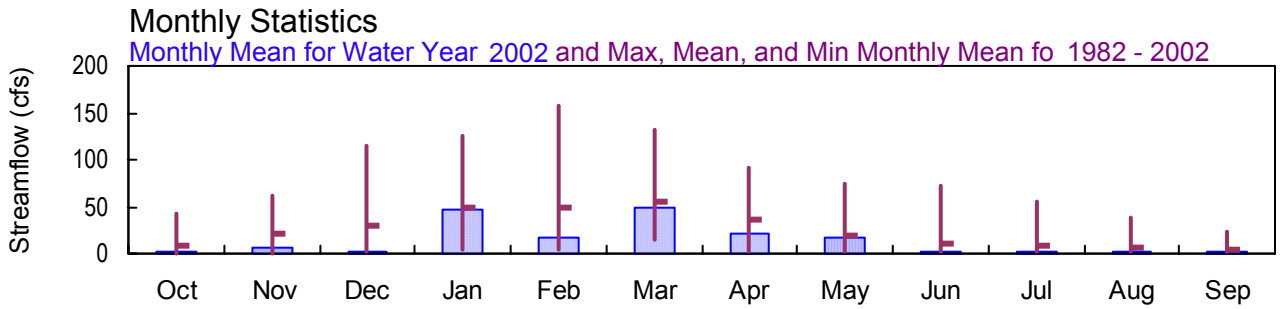
2002 Water Year

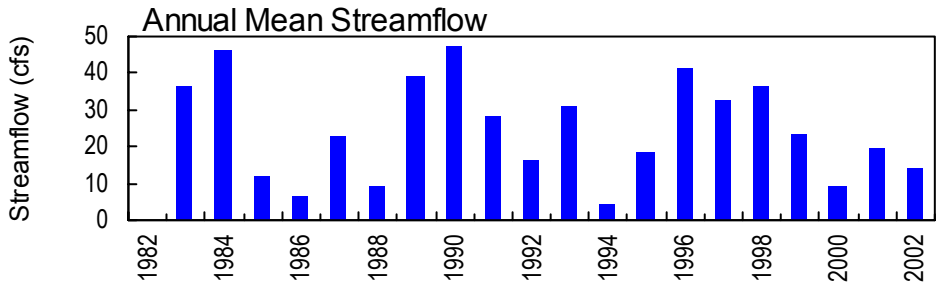
02388320 HEATH CREEK NEAR ARMUCHEE, GA

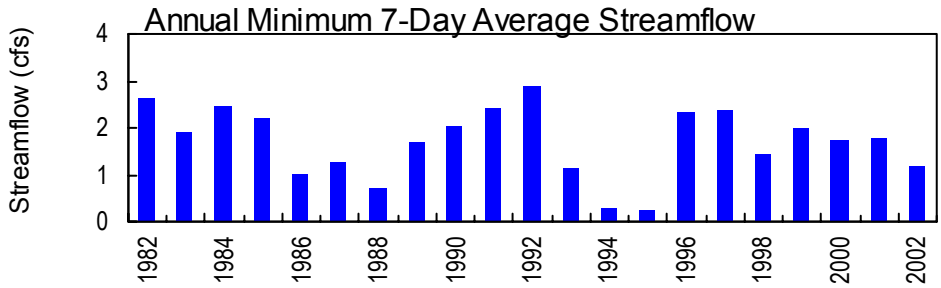
Latitude: 34°22'18" Longitude: 85°15'50" Hydrologic Unit Code: 03150103 Floyd County

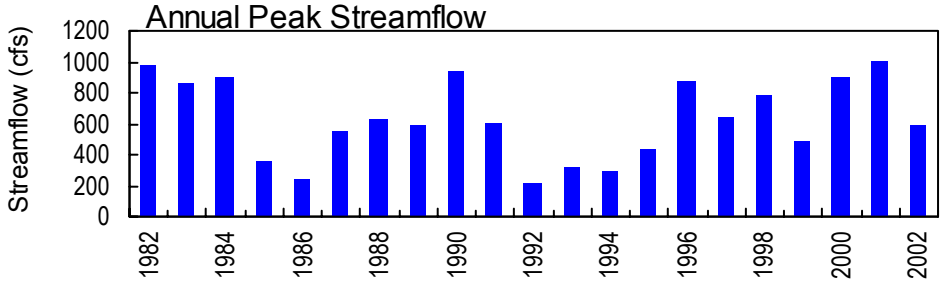
Drainage Area: 16.6 mi^2 Datum: 637.01 feet











MOBILE RIVER BASIN
2002 Water Year

02388320 HEATH CREEK NEAR ARMUCHEE, GA

LOCATION.—Lat 34°22'18", long 85°15'50" referenced to North American Datum (NAD) of 1983, Floyd County, Hydrologic Unit 03150103, on right bank, 3.4 miles upstream from Little Armuchee Creek, 5.2 miles west of Armuchee, and 9.7 miles northwest of Rome.

DRAINAGE AREA.—16.6 mi^2.

COOPERATION.—Oglethorpe Power Corporation.

WATER DISCHARGE RECORDS

PERIOD OF RECORD.—March 1982 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 637.01 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Power Company).

REMARKS.—Records fair. Peak flow regulated by Oglethorpe Power Corporation since November 1991.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1982 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 637.01 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Power Company).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.49 feet, January 24, 25; minimum gage-height recorded, 1.12 feet, August 23, 24.

STATION NUMBER 02388320 HEATH CREEK NEAR ARMUCHEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 342218 LONGITUDE 0851550 NAD83 DRAINAGE AREA 16.60 CONTRIBUTING DRAINAGE AREA 16.60* DATUM 637.01 NGVD29
Date Processed: 2003-03-11 13:25 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.8	14	2.0	9.2	3.8	268	2.2	2.2	1.7	2.0	1.5
2	1.6	1.8	4.7	2.0	19	11	169	2.0	2.2	1.7	1.8	1.4
3	1.6	1.8	3.4	2.0	18	18	6.8	6.8	2.2	1.8	1.7	1.3
4	1.7	2.0	1.9	2.0	18	18	21	64	2.2	1.8	1.6	1.3
5	1.6	2.0	1.8	2.0	18	19	20	84	2.3	1.7	1.6	1.1
6	1.9	2.5	1.8	3.4	22	11	15	86	2.3	1.7	1.5	1.1
7	1.7	3.1	1.7	2.4	29	5.9	15	135	2.2	1.6	1.7	1.2
8	1.7	3.4	1.7	2.5	40	9.0	15	46	2.5	1.6	1.6	1.2
9	1.7	3.5	1.7	2.3	56	12	13	17	2.1	1.6	1.5	1.2
10	1.7	3.7	2.0	2.0	63	14	5.4	17	2.0	1.7	1.5	1.2
11	2.2	3.7	2.3	2.0	40	16	4.9	17	2.1	1.7	1.4	1.2
12	1.9	3.7	2.0	2.0	15	17	6.8	10	2.1	1.7	1.4	1.2
13	1.9	3.9	2.1	2.0	14	18	14	4.0	2.0	2.1	1.3	1.7
14	2.1	4.2	4.8	2.2	15	17	14	3.7	2.3	2.0	1.1	2.2
15	1.8	4.2	3.2	2.4	15	17	7.3	3.5	2.2	1.7	1.1	2.2
16	1.8	4.5	2.7	2.0	6.9	23	4.1	3.4	2.2	1.7	1.3	2.1
17	1.8	4.6	4.4	2.0	6.8	138	3.9	3.4	2.8	1.6	1.3	2.1
18	1.8	4.6	4.1	2.0	6.8	107	3.7	3.6	2.2	1.6	1.4	2.2
19	2.0	4.8	3.4	7.9	6.6	49	3.6	3.2	1.9	1.6	1.4	2.1
20	1.8	5.2	3.7	11	6.9	39	3.4	2.9	1.9	1.6	1.4	2.1
21	1.8	6.0	2.8	32	10	127	3.1	2.8	1.9	1.6	1.3	2.5
22	1.8	6.8	2.4	27	16	87	2.9	2.6	1.8	1.6	1.2	4.6
23	1.8	8.6	2.4	97	13	72	2.8	2.5	1.9	1.9	1.2	2.5
24	1.8	13	2.5	264	4.5	47	2.6	2.4	1.8	1.9	1.1	2.2
25	1.9	15	2.4	432	4.3	19	2.5	2.2	1.8	1.8	1.3	4.2
26	1.8	14	2.4	221	4.2	20	2.4	2.2	1.8	1.8	1.3	5.0
27	1.8	16	2.3	108	4.1	19	2.4	2.4	1.7	1.7	1.4	4.5
28	1.9	17	2.3	78	4.0	19	2.3	2.5	1.9	1.6	1.6	3.5
29	1.8	22	2.1	51	---	18	2.3	2.3	1.8	1.6	1.5	2.8
30	1.9	25	2.0	35	---	144	2.1	2.3	1.7	2.1	1.5	2.5
31	1.8	---	2.0	30	---	393	---	2.3	---	2.9	1.5	---
TOTAL	56.0	212.4	93.0	1433.1	485.3	1527.7	639.3	541.2	62.0	54.7	44.5	65.9
MEAN	1.81	7.08	3.00	46.2	17.3	49.3	21.3	17.5	2.07	1.76	1.44	2.20
MAX	2.2	25	14	432	63	393	268	135	2.8	2.9	2.0	5.0
MIN	1.6	1.8	1.7	2.0	4.0	3.8	2.1	2.0	1.7	1.6	1.1	1.1
CFSM	0.11	0.43	0.18	2.78	1.04	2.97	1.28	1.05	0.12	0.11	0.09	0.13
IN.	0.13	0.48	0.21	3.21	1.09	3.42	1.43	1.21	0.14	0.12	0.10	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2002, BY WATER YEAR (WY)

MEAN	8.86	21.1	29.8	49.1	49.4	55.8	36.7	19.2	10.9	8.57	5.89	5.21
MAX	42.5	60.9	115	125	157	132	91.3	74.5	73.3	55.9	39.1	23.7
(WY)	1998	1990	1984	1996	1990	1990	1998	1984	1989	1989	1984	1989
MIN	0.93	0.73	1.31	3.49	3.62	14.0	2.72	1.78	1.39	1.52	1.26	1.24
(WY)	1994	1994	1994	2000	2000	1994	1995	1995	1988	1988	1988	1993

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1982 - 2002	
ANNUAL TOTAL	7113.0		5215.1			
ANNUAL MEAN	19.5		14.3		24.8	
HIGHEST ANNUAL MEAN					47.2	1990
LOWEST ANNUAL MEAN					4.36	1994
HIGHEST DAILY MEAN	471	Mar 20	432	Jan 25	762	Feb 16 1990
LOWEST DAILY MEAN	1.6	Sep 29	1.1	Aug 14	0.19	Nov 4 1994
ANNUAL SEVEN-DAY MINIMUM	1.6	Sep 29	1.2	Sep 5	0.27	Nov 3 1994
MAXIMUM PEAK FLOW			598	Jan 24	1010	Mar 20 2001
MAXIMUM PEAK STAGE			6.49	Jan 24	8.32	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.17		0.86		1.49	
ANNUAL RUNOFF (INCHES)	15.94		11.69		20.29	
10 PERCENT EXCEEDS	47		22		58	
50 PERCENT EXCEEDS	4.1		2.3		6.1	
90 PERCENT EXCEEDS	1.8		1.6		1.9	

STATION NUMBER 02388320 HEATH CREEK NEAR ARMUCHEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 342218 LONGITUDE 0851550 NAD83 DRAINAGE AREA 16.60 CONTRIBUTING DRAINAGE AREA 16.60* DATUM 637.01 NGVD29
Date Processed: 2003-03-11 13:25 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.24	1.26	1.70	1.27	1.55	1.35	4.41	1.29	1.24	1.21	1.23	1.19
2	1.24	1.26	1.43	1.27	1.79	1.56	3.46	1.27	1.24	1.21	1.22	1.18
3	1.24	1.26	1.36	1.27	1.78	1.79	1.53	1.41	1.24	1.22	1.21	1.17
4	1.25	1.27	1.26	1.27	1.78	1.79	1.88	2.38	1.24	1.22	1.20	1.17
5	1.24	1.27	1.26	1.27	1.78	1.81	1.88	2.65	1.25	1.21	1.20	1.15
6	1.26	1.30	1.26	1.36	1.85	1.59	1.79	2.65	1.25	1.21	1.19	1.15
7	1.25	1.34	1.25	1.30	1.96	1.45	1.78	3.18	1.24	1.20	1.20	1.15
8	1.25	1.36	1.25	1.31	2.10	1.55	1.77	2.09	1.27	1.20	1.20	1.16
9	1.25	1.37	1.25	1.29	2.29	1.64	1.72	1.77	1.24	1.20	1.19	1.16
10	1.25	1.38	1.27	1.27	2.38	1.69	1.47	1.77	1.24	1.21	1.19	1.16
11	1.28	1.38	1.29	1.27	2.07	1.75	1.45	1.77	1.24	1.21	1.18	1.16
12	1.26	1.39	1.27	1.27	1.73	1.77	1.51	1.56	1.24	1.21	1.18	1.16
13	1.26	1.40	1.28	1.27	1.71	1.78	1.75	1.36	1.23	1.24	1.17	1.21
14	1.28	1.41	1.43	1.29	1.72	1.77	1.74	1.34	1.25	1.23	1.15	1.25
15	1.26	1.41	1.35	1.30	1.72	1.76	1.52	1.33	1.24	1.21	1.15	1.25
16	1.26	1.42	1.32	1.27	1.48	1.86	1.40	1.33	1.24	1.21	1.17	1.24
17	1.26	1.43	1.40	1.27	1.48	3.19	1.39	1.32	1.28	1.20	1.17	1.24
18	1.26	1.43	1.41	1.27	1.48	2.89	1.38	1.34	1.24	1.20	1.18	1.25
19	1.27	1.44	1.37	1.48	1.47	2.22	1.37	1.31	1.22	1.20	1.18	1.24
20	1.26	1.46	1.37	1.60	1.48	2.06	1.37	1.29	1.22	1.20	1.18	1.24
21	1.26	1.50	1.33	2.01	1.57	3.10	1.34	1.28	1.22	1.20	1.17	1.26
22	1.26	1.53	1.30	1.95	1.76	2.69	1.33	1.27	1.22	1.20	1.16	1.38
23	1.26	1.59	1.30	2.74	1.65	2.50	1.32	1.26	1.22	1.22	1.15	1.26
24	1.26	1.71	1.31	4.23	1.39	2.18	1.31	1.26	1.22	1.23	1.15	1.25
25	1.27	1.78	1.30	5.61	1.37	1.81	1.31	1.25	1.22	1.22	1.17	1.35
26	1.26	1.76	1.30	3.95	1.37	1.82	1.30	1.25	1.22	1.22	1.17	1.41
27	1.26	1.79	1.29	2.89	1.36	1.81	1.30	1.26	1.21	1.21	1.18	1.38
28	1.26	1.83	1.29	2.57	1.36	1.81	1.29	1.26	1.22	1.20	1.20	1.33
29	1.26	1.91	1.28	2.19	---	1.79	1.29	1.25	1.22	1.20	1.19	1.28
30	1.26	1.97	1.27	2.05	---	3.07	1.28	1.25	1.21	1.23	1.19	1.26
31	1.26	---	1.27	1.96	---	5.37	---	1.25	---	1.29	1.19	---
MEAN	1.26	1.49	1.32	1.88	1.69	2.10	1.65	1.56	1.23	1.21	1.18	1.23
MAX	1.28	1.97	1.70	5.61	2.38	5.37	4.41	3.18	1.28	1.29	1.23	1.41
MIN	1.24	1.26	1.25	1.27	1.36	1.35	1.28	1.25	1.21	1.20	1.15	1.15

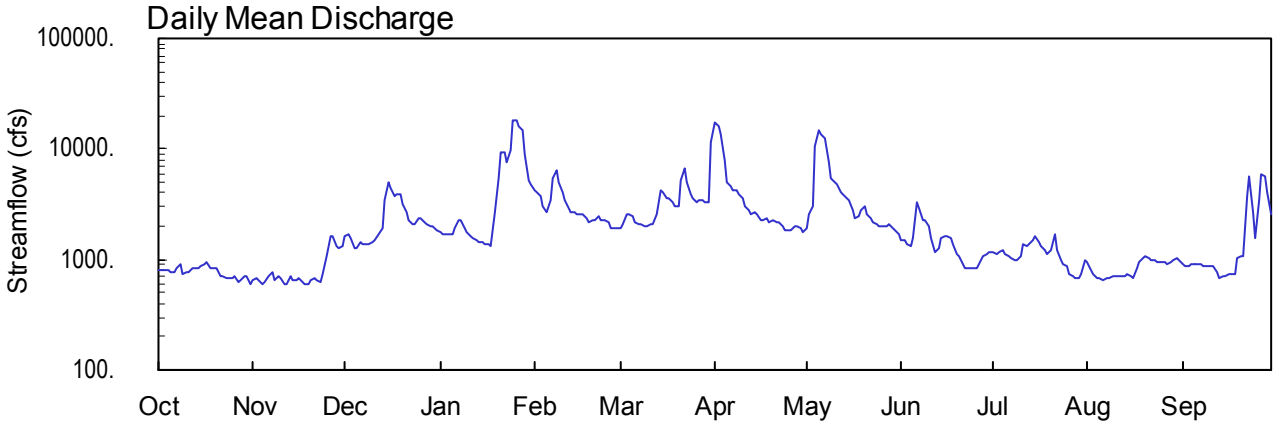
MOBILE RIVER BASIN

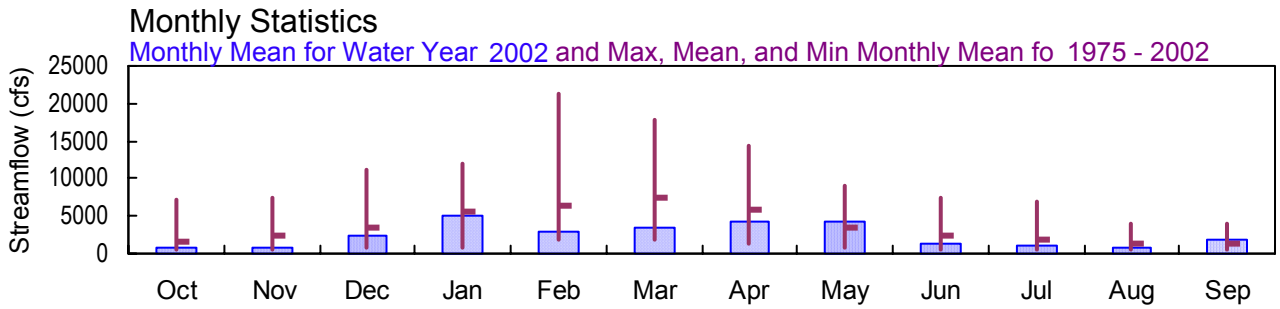
2002 Water Year

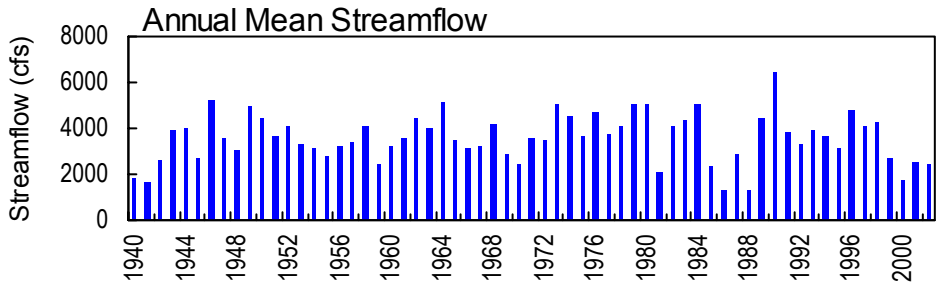
02388500 OOSTANAULA RIVER NEAR ROME, GA

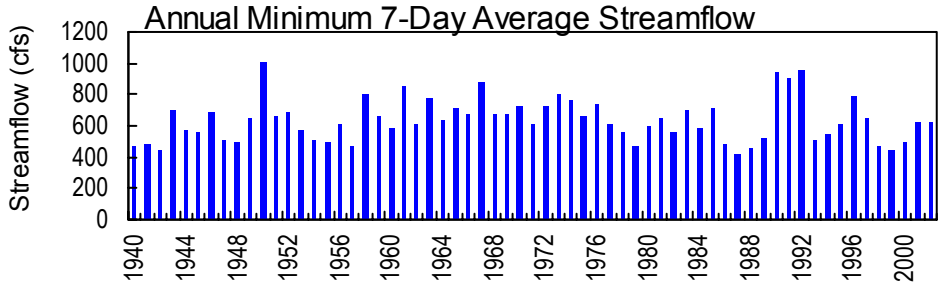
Latitude: 34°18'02" Longitude: 85°08'30" Hydrologic Unit Code: 03150103 Floyd County

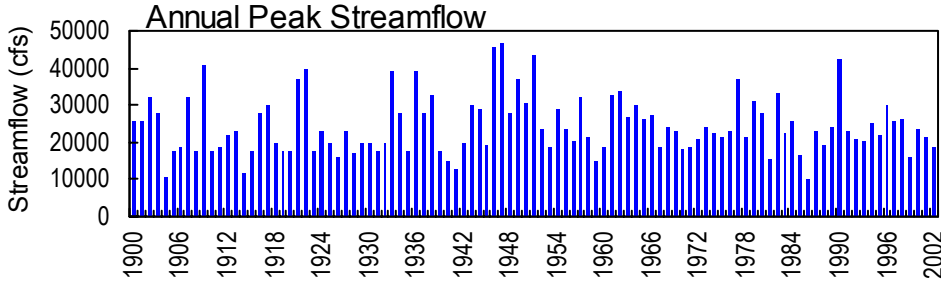
Drainage Area: 2,115. mi^2 Datum: 561.70 feet

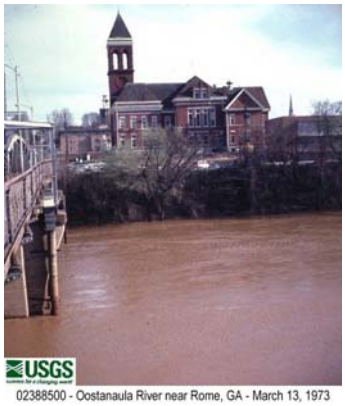












02388500 - Oostanaula River near Rome, GA - March 13, 1973

MOBILE RIVER BASIN
2002 Water Year

02388500 OOSTANAULA RIVER NEAR ROME, GA

LOCATION.—Lat 34°18'02", long 85°08'30" referenced to North American Datum (NAD) of 1927, Floyd County, Hydrologic Unit 03150103, on left bank 1.2 miles upstream from Dry Creek, 4.5 miles north of Rome, 4.5 miles upstream from confluence with Etowah River, and 6.5 miles downstream from Armuchee Creek.

DRAINAGE AREA.—2,115 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1939 to current year. Gage-height records collected at site 4.2 miles downstream since 1890 are contained in reports of National Weather Service.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 561.70 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 1, 1939, to December 7, 1950, water-stage recorder was located at site 3.2 miles downstream at same datum. Since October 1, 1939, auxiliary water-stage recorder has been located at Fifth Avenue Bridge, 4.2 miles downstream. Non-recording gage was located at site of auxiliary gage used as base gage for records published as Coosa River at Rome, January 1, 1897, to December 31, 1903.

REMARKS.—Records good, except for period of estimated discharge, which is fair. Flow regulated by Carters Lake and Carters Re-regulation Dam since 1975. The daily values table was revised slightly for the 2001 water year. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1834, 40.3 feet in April 1886, at site of present auxiliary gage, from information by Georgia Department of Archives.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1939 to current year. Gage-height records collected at site 4.2 miles downstream since 1890 are contained in reports of National Weather Service.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 561.70 feet above National Geodetic Vertical Datum (NGVD) of 1929. From October 1, 1939, to December 7, 1950, water-stage recorder was located at site 3.2 miles downstream at same datum. Since October 1, 1939, auxiliary water-stage recorder has been located at Fifth Avenue Bridge, 4.2 miles downstream. Non-recording gage was located at site of auxiliary gage used as base gage for records published as Coosa River at Rome, January 1, 1897, to December 31, 1903.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 25.26 feet, March 31; minimum gage-height recorded, 3.82 feet, November 11,12, 23.

STATION NUMBER 02388500 OOSTANAULA RIVER NEAR ROME, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341802 LONGITUDE 0850830 NAD27 DRAINAGE AREA 2115.00 CONTRIBUTING DRAINAGE AREA 2115* DATUM 561.70 NGVD29
Date Processed: 2003-03-11 13:26 By acday
APPROVED
DD #2, DCP SLOPE
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	801	655	1600	1750	4300	1880	17400	1950	1520	1180	936	913
2	817	677	1660	e1700	4040	2060	16000	2520	1480	1130	808	862
3	805	645	1590	1670	3700	2620	13600	2980	1400	1150	742	878
4	804	604	1280	1720	3030	2580	7910	10500	1330	1200	668	896
5	755	615	1280	1690	2630	2480	4990	14900	1530	1130	686	893
6	776	694	1440	1910	3410	2210	4570	13500	3230	1080	659	923
7	850	764	1380	2260	5510	2050	4310	12500	2910	1040	677	894
8	926	638	1390	2290	6430	2080	4160	7660	2300	990	669	864
9	751	695	1350	1940	4970	2030	3910	5410	2290	975	696	853
10	766	666	1410	1730	4010	2010	3540	5050	1970	1070	719	853
11	756	590	1470	1620	3460	2070	3020	4740	1580	1370	709	873
12	824	594	1710	1550	2850	2050	2780	4060	1170	1310	713	760
13	843	695	1890	1510	2710	2560	2600	3840	1270	1370	720	689
14	851	649	3450	1460	2630	4230	2640	3540	1530	1480	730	713
15	865	638	4980	1430	2580	4110	2540	3450	1610	1600	711	720
16	924	675	4340	1400	2530	3530	2240	e2810	1620	1420	691	750
17	941	626	e3800	1370	2520	3650	2300	2330	1550	1310	e840	747
18	851	596	e3900	1330	2410	3290	2330	2500	1390	1220	e959	742
19	833	595	3930	2530	2150	2980	2180	2830	1110	1140	1040	1020
20	819	654	3150	5530	2230	3040	2240	3060	1090	1210	1070	1060
21	699	677	2670	9490	2310	5290	2190	2590	903	1680	1030	1090
22	701	643	2230	9230	2420	6580	2140	2350	852	1190	1000	3800
23	685	620	2060	7520	2310	4930	2010	2130	831	1000	973	5600
24	678	729	2110	9630	2230	3940	1830	2080	832	898	945	2630
25	671	1080	2320	18200	2130	3530	1840	1980	846	856	934	1570
26	717	1640	2360	17800	1950	3260	1860	1970	e850	739	936	3450
27	633	1600	2210	15900	1930	3400	2020	2000	974	698	907	5990
28	639	1330	2100	14500	1920	3410	2030	2080	1060	669	928	5580
29	703	1290	2000	8940	---	3280	1950	1940	1100	682	e975	4050
30	705	1330	2020	5240	---	3360	1790	1840	1170	736	1030	2540
31	599	---	1860	4830	---	11400	---	1680	---	980	972	---
TOTAL	23988	23904	70940	159670	85300	105890	124920	132770	43298	34503	26073	53203
MEAN	774	797	2288	5151	3046	3416	4164	4283	1443	1113	841	1773
MAX	941	1640	4980	18200	6430	11400	17400	14900	3230	1680	1070	5990
MIN	599	590	1280	1330	1920	1880	1790	1680	831	669	659	689
CFSM	0.37	0.38	1.08	2.44	1.44	1.62	1.97	2.03	0.68	0.53	0.40	0.84
IN.	0.42	0.42	1.25	2.81	1.50	1.86	2.20	2.34	0.76	0.61	0.46	0.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2002, BY WATER YEAR (WY)

MEAN	1688	2430	3535	5700	6276	7486	5822	3434	2292	1897	1398	1363
MAX	7212	7437	11120	12030	21170	17900	14380	9076	7410	6904	3926	4071
(WY)	1990	1978	1983	1982	1990	1980	1977	1984	1989	1976	1984	1975
MIN	476	549	758	868	1736	1814	1217	797	544	584	592	528
(WY)	1999	1988	2000	1981	2000	1988	1986	1986	1988	1988	1986	1998

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1975 - 2002	
ANNUAL TOTAL	923121		884459			
ANNUAL MEAN	2529		2423		3597	
HIGHEST ANNUAL MEAN					6472	1990
LOWEST ANNUAL MEAN					1301	1988
HIGHEST DAILY MEAN	19900	Mar 22	18200	Jan 25	42300	Feb 20 1990
LOWEST DAILY MEAN	590	Nov 11	590	Nov 11	390	Oct 6 1986
ANNUAL SEVEN-DAY MINIMUM	630	Nov 17	630	Nov 17	428	Oct 3 1986
MAXIMUM PEAK FLOW			18900	Jan 26	42600	Feb 20 1990
MAXIMUM PEAK STAGE			25.26	Jan 26	36.47	Mar 18 1990
ANNUAL RUNOFF (CFSM)	1.20		1.15		1.70	
ANNUAL RUNOFF (INCHES)	16.24		15.56		23.11	
10 PERCENT EXCEEDS	4980		4640		8210	
50 PERCENT EXCEEDS	1600		1600		2040	
90 PERCENT EXCEEDS	734		695		693	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02388500 OOSTANAULA RIVER NEAR ROME, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341802 LONGITUDE 0850830 NAD27 DRAINAGE AREA 2115.00 CONTRIBUTING DRAINAGE AREA 2115* DATUM 561.70 NGVD29
Date Processed: 2003-03-11 13:26 By acday
APPROVED
DD #2, DCP SLOPE
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	698	636	1120	1010	3560	4820	4390	1350	3110	2160	2180	1140
2	678	630	1030	922	2940	4270	3670	1340	4420	1750	1820	1280
3	660	608	1030	899	2430	4100	3790	1350	5700	1680	2000	2130
4	660	612	1100	936	2270	4990	7580	1370	3010	2210	1860	2640
5	676	651	1220	883	2030	5460	7160	1330	5230	2160	1780	2190
6	726	643	1190	866	1910	4980	5380	1340	4610	2830	1640	1800
7	728	610	1140	846	1900	4470	4510	1320	3680	2480	1420	1480
8	686	730	1480	939	1820	4040	4180	1300	3710	1860	1390	1350
9	665	2660	1630	1140	1790	3770	3750	1440	3100	1610	1310	1290
10	645	6740	1540	1290	1960	3490	3260	1500	3950	1230	1200	1190
11	663	6900	1410	1350	2380	3140	3040	1550	3080	1910	1360	1050
12	728	3860	1290	1230	2530	3680	2770	1630	2530	1660	1340	895
13	717	1770	978	1280	2590	8590	2570	1630	2160	1360	2170	832
14	735	1290	894	1380	3310	9440	2950	1450	1910	1230	2940	810
15	680	1070	982	1350	3690	8620	4150	1140	1320	1110	2640	789
16	674	1110	1050	1270	4000	11500	3810	1180	1210	1060	2070	769
17	647	1080	2430	1200	7290	11500	3340	1160	1280	979	1540	732
18	636	1510	3940	1900	9620	7780	2830	1130	1200	967	1460	722
19	651	1550	3160	7750	9000	5140	2430	1150	1130	968	1340	736
20	667	1400	2220	14200	6580	9820	2240	1200	e1290	1060	1270	781
21	705	1300	1770	15000	4290	18500	2160	1160	e1250	1150	1170	845
22	685	1200	1510	12800	4170	19900	2170	1140	1390	1060	1210	1040
23	683	1030	1390	6910	4970	16400	2050	1130	1760	1140	1210	972
24	677	1120	1310	3570	5110	10500	1770	1150	2080	1220	1120	925
25	648	1540	1180	2790	4940	6440	1790	1300	1680	2910	1080	944
26	639	2280	1060	2280	7560	5280	1780	1410	1600	e9950	1060	994
27	640	1990	1100	2280	8690	4570	1700	1730	1570	e9000	1010	1300
28	644	1710	1120	1990	6680	3980	1650	1680	1510	2780	983	1060
29	642	1480	1000	1790	---	3530	1600	2620	1930	1760	1070	896
30	634	1260	1110	2380	---	4340	1480	3120	2320	1570	1120	819
31	629	---	1090	3460	---	4750	---	2470	---	2060	1120	---
TOTAL	20846	50970	44474	97891	120010	221790	95950	45770	74720	66874	46883	34401
MEAN	672	1699	1435	3158	4286	7155	3198	1476	2491	2157	1512	1147
MAX	735	6900	3940	15000	9620	19900	7580	3120	5700	9950	2940	2640
MIN	629	608	894	846	1790	3140	1480	1130	1130	967	983	722
CFSM	0.32	0.80	0.68	1.49	2.03	3.38	1.51	0.70	1.18	1.02	0.72	0.54
IN.	0.37	0.90	0.78	1.72	2.11	3.90	1.69	0.81	1.31	1.18	0.82	0.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

MEAN	1722	2491	3581	5721	6394	7637	5883	3402	2323	1926	1419	1348
MAX	7212	7437	11120	12030	21170	17900	14380	9076	7410	6904	3926	4071
(WY)	1990	1978	1983	1982	1990	1980	1977	1984	1989	1976	1984	1975
MIN	476	549	758	868	1736	1814	1217	797	544	584	592	528
(WY)	1999	1988	2000	1981	2000	1988	1986	1986	1988	1988	1986	1998

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1975 - 2001	
ANNUAL TOTAL	693421		920579			
ANNUAL MEAN	1895		2522		3640	
HIGHEST ANNUAL MEAN					6472	1990
LOWEST ANNUAL MEAN					1301	1988
HIGHEST DAILY MEAN	23200	Apr 5	19900	Mar 22	42300	Feb 20 1990
LOWEST DAILY MEAN	608	Nov 3	608	Nov 3	390	Oct 6 1986
ANNUAL SEVEN-DAY MINIMUM	627	Nov 1	627	Nov 1	428	Oct 3 1986
MAXIMUM PEAK FLOW			21300	Mar 22	42600	Feb 20 1990
MAXIMUM PEAK STAGE			27.56	Mar 21	36.47	Mar 18 1990
ANNUAL RUNOFF (CFSM)	0.90		1.19		1.72	
ANNUAL RUNOFF (INCHES)	12.20		16.19		23.39	
10 PERCENT EXCEEDS	3100		5120		8380	
50 PERCENT EXCEEDS	1160		1510		2070	
90 PERCENT EXCEEDS	677		727		692	

e Estimated

STATION NUMBER 02388500 OOSTANAULA RIVER NEAR ROME, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341802 LONGITUDE 0850830 NAD27 DRAINAGE AREA 2115.00 CONTRIBUTING DRAINAGE AREA 2115* DATUM 561.70 NGVD29
Date Processed: 2003-03-11 13:26 By acday
APPROVED
DD #3, DCP BASE
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.43	4.03	6.59	6.15	11.22	6.92	24.25	6.50	5.88	5.04	5.01	4.50
2	4.72	4.53	6.13	---	10.65	6.96	21.84	7.54	5.61	5.33	4.58	4.37
3	4.69	4.44	6.07	6.00	9.42	7.60	19.74	8.48	5.47	5.56	4.26	4.41
4	4.66	3.87	6.03	6.19	8.39	7.97	15.27	16.46	5.64	5.31	3.86	4.48
5	4.38	3.90	6.00	6.10	8.41	8.01	12.35	20.72	5.86	5.27	3.92	4.59
6	4.63	4.26	6.18	6.34	9.19	7.49	11.25	19.25	8.46	5.07	4.42	4.65
7	4.53	4.61	6.15	6.91	12.21	6.99	10.67	18.48	8.22	4.77	4.09	4.53
8	4.72	4.38	5.99	7.07	13.32	6.71	10.45	15.42	7.51	4.66	3.98	4.38
9	4.60	4.19	5.58	6.66	11.73	6.62	10.45	12.42	6.95	4.64	3.95	4.35
10	4.61	4.17	5.97	6.22	9.99	6.58	10.05	11.95	6.44	4.84	4.01	4.43
11	4.56	3.83	6.44	5.93	9.14	6.72	9.26	11.49	6.14	5.45	3.99	4.47
12	4.67	3.84	6.42	5.72	8.83	6.82	8.86	10.57	5.39	5.46	4.00	4.25
13	4.89	4.42	6.71	5.66	8.18	7.53	8.08	10.21	5.42	5.43	4.01	4.28
14	4.56	4.08	9.09	5.56	8.11	9.92	8.09	9.86	5.94	5.69	4.04	4.06
15	4.59	4.05	11.00	5.54	7.97	9.93	7.86	9.47	5.87	5.89	4.06	4.01
16	5.09	4.46	10.07	5.60	7.68	9.11	7.61	---	5.86	5.57	4.18	4.16
17	5.31	4.06	---	5.52	7.46	9.35	7.59	8.00	5.74	5.34	---	4.12
18	5.01	3.85	---	5.44	7.40	8.66	7.63	8.08	5.46	5.14	---	4.20
19	4.85	3.84	9.92	7.28	7.40	8.25	7.31	7.84	4.91	4.97	4.77	4.84
20	5.01	4.32	9.06	12.26	7.46	8.21	7.12	8.21	4.87	5.09	5.17	5.13
21	4.16	4.39	8.01	15.76	7.42	11.31	6.94	8.00	4.47	6.02	5.02	5.13
22	4.17	4.01	7.34	15.90	7.48	12.90	6.71	7.16	4.35	5.06	4.76	9.88
23	4.63	3.92	6.58	14.16	7.25	11.32	6.66	6.98	4.30	5.12	4.85	11.76
24	4.42	4.25	6.67	15.90	6.96	9.67	6.74	6.89	4.30	4.66	4.87	8.07
25	4.43	5.06	7.28	23.73	6.84	8.95	6.69	6.76	4.33	4.47	4.54	6.39
26	4.37	6.10	7.19	24.15	6.84	8.67	6.84	6.44	---	4.10	4.55	9.06
27	4.69	6.21	7.03	22.98	6.76	8.96	6.79	6.49	4.99	4.05	4.70	12.23
28	3.98	5.94	7.04	21.84	6.76	8.89	6.54	7.07	5.18	3.86	4.78	11.73
29	4.19	6.00	6.76	18.40	---	8.61	6.42	6.87	5.36	3.90	---	9.89
30	4.67	6.40	6.53	13.54	---	11.28	6.38	6.77	5.06	4.20	4.83	7.84
31	4.21	---	6.29	12.27	---	22.97	---	6.40	---	5.25	4.72	---
MEAN	4.59	4.51	---	---	8.59	9.03	9.75	---	---	5.01	---	6.01
MAX	5.31	6.40	---	---	13.32	22.97	24.25	---	---	6.02	---	12.23
MIN	3.98	3.83	---	---	6.76	6.58	6.38	---	---	3.86	---	4.01

MOBILE RIVER BASIN
2002 Water Year

02388525 OOSTANAULA RIVER AT US 27, AT ROME, GA

LOCATION.—Lat 34°15'38", long 85°10'15" referenced to North American Datum (NAD) of 1927, Floyd County, Hydrologic Unit 03150103, on downstream side of US 27 bridge (Turner-McCall Blvd.), 0.3 miles above confluence with the Etowah River.

DRAINAGE AREA.—2,149 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1974 to current year.

GAGE.—Water-stage recorder with satellite telemetry. Datum of gage is 561.7 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Station is auxiliary gage for 02388500 Oostanaula River at Rome.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 22.76 feet, March 31; minimum gage-height recorded, 2.17 feet, August 12.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 17, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02388525 OOSTANAULA RIVER AT US 27, AT ROME, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341538 LONGITUDE 0851015 NAD27 DRAINAGE AREA 2149.00 CONTRIBUTING DRAINAGE AREA 2149* DATUM 561.70 NGVD29
Date Processed: 2003-03-11 11:08 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.88	2.95	5.00	4.27	8.96	5.38	20.86	4.51	4.43	3.35	4.00	2.79
2	3.55	3.71	4.01	4.07	8.35	5.15	17.91	5.25	3.74	4.11	3.63	2.71
3	3.60	3.73	4.02	4.08	6.75	5.26	15.85	6.07	3.66	4.50	3.30	3.01
4	3.58	2.57	4.81	4.33	5.93	5.89	12.30	11.56	4.22	4.00	2.70	3.11
5	3.18	2.67	4.77	4.22	6.56	6.13	10.02	16.68	4.19	4.02	2.65	3.35
6	3.64	3.22	4.72	4.07	6.79	5.72	8.70	14.70	5.65	3.80	3.64	3.38
7	3.09	3.70	4.76	4.43	9.32	5.20	8.05	14.17	5.83	3.20	3.14	3.23
8	3.29	3.61	4.52	4.87	10.29	4.68	7.86	12.69	5.59	3.12	2.98	2.83
9	3.70	3.05	3.60	4.85	9.08	4.61	8.15	9.69	4.58	3.27	2.76	2.75
10	3.54	3.13	4.31	4.40	7.31	4.58	7.98	9.16	4.28	3.34	2.73	3.14
11	3.46	2.53	5.18	4.08	6.60	4.72	7.38	8.82	4.58	3.78	2.50	3.17
12	3.64	2.44	4.74	3.67	6.93	4.93	7.06	8.13	4.14	3.93	2.30	3.12
13	3.90	3.54	4.93	3.63	6.08	5.24	6.06	7.75	3.95	3.74	2.61	3.36
14	3.05	2.99	6.42	3.58	6.07	6.72	6.03	7.88	4.30	4.01	2.64	3.01
15	3.03	2.93	7.71	3.76	5.93	7.06	5.80	7.09	4.06	4.12	2.87	2.67
16	3.99	3.53	6.92	3.97	5.54	6.39	5.90	7.23	3.99	3.96	3.13	3.07
17	4.32	2.98	5.59	3.88	5.19	6.62	5.74	6.28	3.89	3.74	3.41	2.99
18	4.09	2.39	6.43	3.83	5.26	6.00	5.74	6.15	3.80	3.56	3.09	3.19
19	3.88	2.39	7.20	4.70	5.67	5.77	5.47	5.07	3.39	3.38	3.12	3.59
20	4.02	3.30	6.90	9.47	5.66	5.54	5.07	5.34	3.22	3.38	3.92	3.93
21	2.81	3.57	5.86	11.63	5.49	7.59	4.87	5.73	3.14	4.10	3.75	3.91
22	2.76	3.06	5.48	12.30	5.39	9.23	4.47	4.93	3.03	3.31	3.38	7.59
23	3.89	2.72	4.32	10.71	5.20	8.43	4.68	5.00	2.90	4.01	3.59	8.41
24	3.48	3.04	4.39	11.34	4.85	6.84	5.17	4.94	2.88	3.57	3.70	5.73
25	3.53	3.41	5.15	19.62	4.83	6.16	5.04	4.90	3.08	3.35	2.86	4.51
26	3.31	3.84	4.95	20.57	5.13	6.08	5.19	4.21	3.66	3.04	2.82	6.23
27	3.96	4.47	5.00	19.65	5.05	6.39	4.90	4.23	3.87	3.09	3.48	8.74
28	2.58	4.56	5.21	18.64	5.04	6.25	4.37	5.29	3.94	2.53	3.63	8.25
29	2.73	4.64	4.80	16.34	---	5.94	4.33	5.18	4.18	2.60	3.35	6.72
30	3.89	5.14	4.33	11.59	---	9.84	4.62	5.13	3.55	3.21	3.44	5.17
31	3.30	---	4.23	10.03	---	21.32	---	4.82	---	4.30	3.38	---
MEAN	3.47	3.33	5.17	8.08	6.40	6.63	7.52	7.37	3.99	3.59	3.18	4.26
MAX	4.32	5.14	7.71	20.57	10.29	21.32	20.86	16.68	5.83	4.50	4.00	8.74
MIN	2.58	2.39	3.60	3.58	4.83	4.58	4.33	4.21	2.88	2.53	2.30	2.67

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02388525 OOSTANAULA RIVER AT US 27, AT ROME, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341538 LONGITUDE 0851015 NAD27 DRAINAGE AREA 2149.00 CONTRIBUTING DRAINAGE AREA 2149* DATUM 561.70 NGVD29
Date Processed: 2003-03-11 11:16 By bemccall
APPROVED
DD #2, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.16	0.00	0.00	0.05	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.00	1.64	0.42	0.00
3	0.00	0.00	0.00	0.00	0.01	0.13	0.00	0.83	0.00	0.70	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.17	0.09	0.00	0.00	0.00
5	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	2.09	0.00	0.00	0.00
6	2.51	0.00	0.00	0.92	1.22	0.00	0.00	0.00	0.17	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.98	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.13	0.07	0.67	0.00	0.00	0.00	0.00
10	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
11	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.09	0.00	0.00	0.00	0.00	0.56	0.21	0.17	0.00	0.00	0.00	0.00
13	0.20	0.00	0.41	0.00	0.00	0.08	0.00	0.03	0.02	0.95	0.00	0.21
14	0.23	0.00	0.77	0.00	0.00	0.00	0.00	0.00	1.33	0.07	1.63	0.46
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
16	0.00	0.00	0.00	0.00	0.00	0.14	0.05	0.00	0.00	0.03	0.26	0.00
17	0.00	0.00	0.59	0.00	0.00	0.02	0.00	0.77	0.00	0.00	0.01	0.03
18	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.34
19	0.00	0.00	0.00	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.02	0.00	0.00	0.31	0.85	0.00	0.00	0.03	0.00	0.00	1.21
21	0.00	0.00	0.00	0.60	0.00	0.26	0.00	0.00	0.00	1.08	0.00	1.55
22	0.00	0.00	0.00	0.28	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.74
23	0.00	0.37	0.66	0.20	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
24	0.00	1.12	0.00	2.47	0.00	0.00	0.00	0.00	0.00	0.15	0.07	0.00
25	0.21	0.90	0.00	0.04	0.00	0.00	0.28	0.00	0.03	0.00	0.14	2.04
26	0.00	0.00	0.00	0.00	0.07	0.36	0.04	0.01	0.00	0.00	0.16	0.33
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.07	0.00	0.03	0.14
28	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.01	0.01	0.00	0.34	0.00
29	0.00	0.41	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.62	0.00
30	0.00	0.35	0.00	0.00	---	3.88	0.34	0.00	0.00	2.59	0.00	0.00
31	0.00	---	0.00	0.00	---	0.44	---	0.00	---	0.69	0.00	---
TOTAL	---	3.17	3.28	6.68	1.97	7.54	1.34	6.15	4.86	7.91	3.70	7.10

MOBILE RIVER BASIN
2002 Water Year

02390050 ETOWAH RIVER AT KELLY BRIDGE ROAD, NEAR MATT, GA

LOCATION.--Lat 34°21'08", long 84°12'23" referenced to North American Datum (NAD) of 1927, Dawson County, Hydrologic Unit 03150104, 5.0 miles south of Cowart Road, at bridge and boat launch on Kelly Bridge Road.

DRAINAGE AREA.--277 mi^2.

COOPERATION.—Cherokee County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--December 1996 to current year.

GAGE.--Standard USGS reference mark. Datum of gage 980.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 04, effective October 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/17/01	1.22	284
04/03/02	2.38	812
06/14/02	1.16	281
08/19/02	0.80	156

MOBILE RIVER BASIN
2002 Water Year

02390063 YELLOW CREEK AT COWART ROAD, NEAR MATT, GA

LOCATION.--Lat 34°21'24", long 84°15'07" referenced to North American Datum (NAD) of 1927, Dawson County, Hydrologic Unit 03150104, downstream of concrete dam on Cowart Road, 0.3 miles east of Yellow Creek Road, 4.0 miles northeast of Matt.

DRAINAGE AREA.--15.1 mi^2.

COOPERATION.—Cherokee County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--December 1996 to current year.

GAGE.--Standard USGS vertical staff gage. Datum of gage 980.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 2, effective October 1999 to September 30, 2002.

REMARKS.--Records good. Measurements for current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/07/01	0.70	9.78
12/17/01	0.83	13.7
06/11/02	0.78	12.1
08/20/02	0.54	6.27

MOBILE RIVER BASIN
2002 Water Year

02390064 YELLOW CREEK NEAR HIGHTOWER, GA

LOCATION.--Lat 34°20'45", long 84°14'29" (revised) referenced to North American Datum (NAD) of 1927, Dawson County, Hydrologic Unit 03150104, 0.5 miles east of Yellow Creek Road, 0.5 miles north of metal bridge on Hubbardsville Road.

DRAINAGE AREA.--16.0 mi^2.

COOPERATION.—Cherokee County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--December 1996 to current water year.

GAGE.--Standard USGS vertical staff gage. Datum of gage 980.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 5, effective October 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the 2001 water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
06/11/02	1.36	16.3
08/20/02	0.93	7.04

02390090 ETOWAH RIVER AT OLD FEDERAL ROAD, NEAR HIGHTOWER, GA

LOCATION.--Lat 34°18'30", long 84°13'21" referenced to North American Datum (NAD) of 1927, Dawson County, Hydrologic Unit 03150104, 8.0 miles west of GA 400, 0.2 miles west of GA 369 on Old Federal Road.

DRAINAGE AREA.--309 mi^2.

COOPERATION.—Cherokee County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--December 1996 to current year.

GAGE.--Standard USGS vertical staff gage. Datum of gage 960.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 04, effective October 2001 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/14/01	1.37	348
04/03/02	3.42	894
06/14/02	0.98	320
08/19/02	0.54	267

02391095 ETOWAH RIVER AT COKER CHAPEL ROAD, NEAR BALLGROUND, GA

LOCATION.--Lat 34°17'45", long 84°22'34" referenced to North American Datum (NAD) of 1927, Cherokee County, Hydrologic Unit 03150104, 5.0 miles east of I-575, 1.0 mile north of Airport Road, 3.3 miles east of Old State Route 5, on Cokers Chapel Road.

DRAINAGE AREA.--504 mi^2.

COOPERATION.—Cherokee County Water and Sewerage Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.--August 10, 1993 to current water year.

GAGE.--Standard USGS vertical staff gage. Datum of gage 890.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 4, effective October 1, 2001 to September 30, 2002.

REMARKS.—Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/04/01	1.25	276
12/19/01	2.55	655
04/16/02	2.76	711
06/17/02	1.52	341
08/14/02	0.29	127

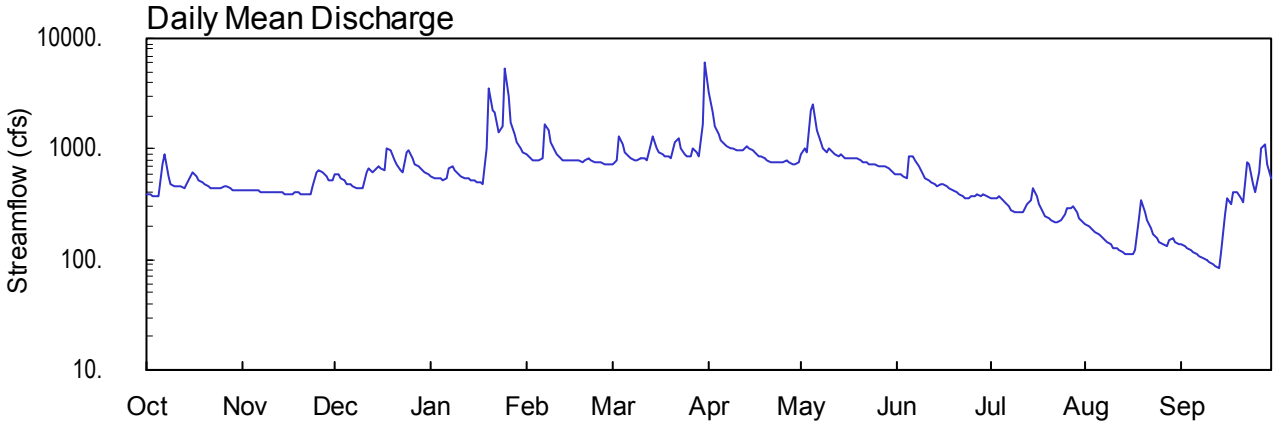
MOBILE RIVER BASIN

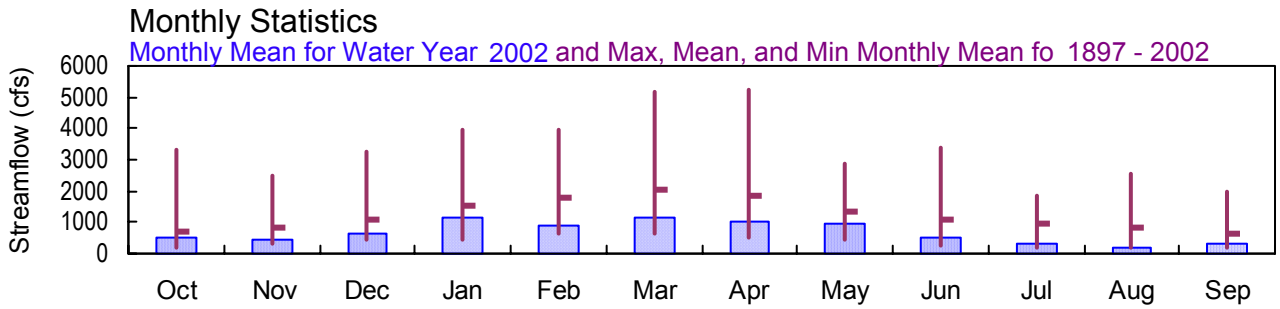
2002 Water Year

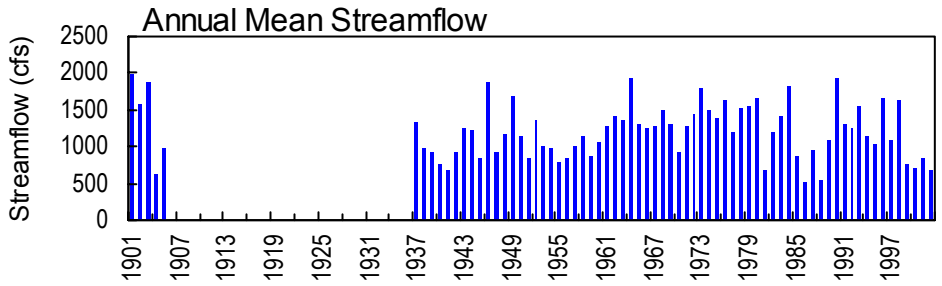
02392000 ETOWAH RIVER AT CANTON, GA

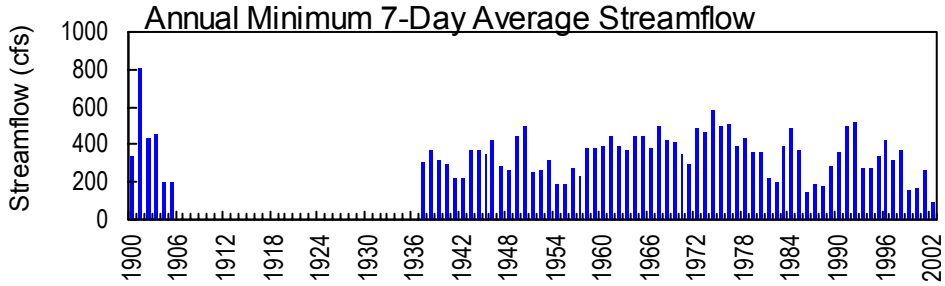
Latitude: 34°14'23" Longitude: 84°29'47" Hydrologic Unit Code: 03150104 Cherokee County

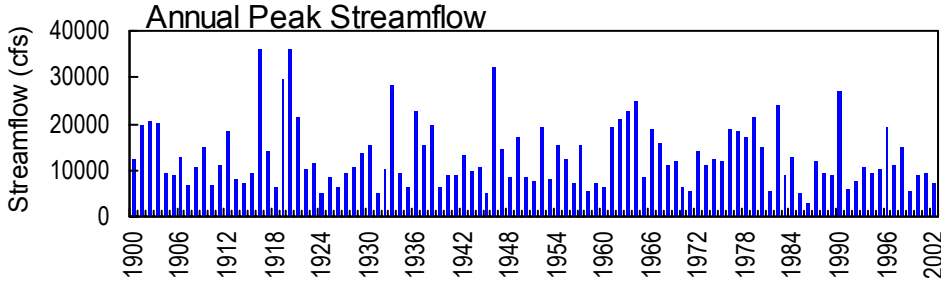
Drainage Area: 613. mi^2 Datum: 844.55 feet











MOBILE RIVER BASIN
2002 Water Year

02392000 ETOWAH RIVER AT CANTON, GA

LOCATION.—Lat 34°14'23", long 84°29'47" referenced to North American Datum (NAD) of 1927, Cherokee County, Hydrologic Unit 03150104, on left bank 100 feet downstream from bridge on GA 5 Spur and 140 at Canton, 0.8 miles upstream from Canton Creek, and 1.8 miles downstream from Hickory Log Creek.

DRAINAGE AREA.—613 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1892 to September 1905 (prior to October 1896, gage heights only), October 1936 to current year. Monthly discharge only for January to March 1896, published in WSP 1304. Gage heights collected at same site since 1892 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 1906: 1946(M). WDR GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 844.55 feet above National Geodetic Vertical Datum (NGVD) of 1929. From March 1892 to December 1905, a non-recording gage was located at site 100.00 feet upstream at datum 2.00 feet higher. From March 16, 1937 to January 17, 1939, a non-recording gage was located at site 100.00 feet upstream at present datum. A water-stage recorder at Allatoona Reservoir is used as an auxiliary gage for this station during periods of backwater caused by Allatoona Reservoir.

REMARKS.—Records fair, except for periods of estimated discharge, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 6,500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Mar. 31	0930	7,100*	11.67*

No other peaks greater than base discharge

02392000 ETOWAH RIVER AT CANTON, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1892 to September 1905 (prior to October 1896, gage heights only), October 1936 to current year. Monthly discharge only for January to March 1896, published in WSP 1304. Gage heights collected at same site since 1892 are contained in reports of National Weather Service.

REVISED RECORDS.—WSP 1906: 1946(M). WDR GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 844.55 feet above National Geodetic Vertical Datum (NGVD) of 1929. From March 1892 to December 1905, a non-recording gage was located at site 100.00 feet upstream at datum 2.00 feet higher. From March 16, 1937 to January 17, 1939, a non-recording gage was located at site 100.00 feet upstream at present datum. A water-stage recorder at Allatoona Reservoir is used as an auxiliary gage for this station during periods of backwater caused by Allatoona Reservoir.

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 11.67 feet, March 31; minimum gage-height recorded, 0.80 feet, September 13.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 20, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02392000 ETOWAH RIVER AT CANTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 057
LATITUDE 341423 LONGITUDE 0842947 NAD27 DRAINAGE AREA 613.00* CONTRIBUTING DRAINAGE AREA DATUM 844.55 NGVD29
Date Processed: 2003-03-11 13:30 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	384	422	590	574	877	713	3250	911	594	364	205	136
2	382	422	589	552	845	795	2120	1010	597	353	198	134
3	376	422	551	544	806	1300	1620	946	576	360	189	129
4	367	422	516	535	791	1100	1360	2210	550	e375	179	122
5	368	422	488	523	783	914	1220	2540	861	e350	169	116
6	718	418	470	534	823	853	1120	1470	876	e325	161	112
7	910	414	e460	669	1690	824	1060	1150	797	e300	150	106
8	574	410	e450	685	1490	800	1010	1010	684	275	142	102
9	485	407	e445	630	1130	799	995	921	591	266	135	97
10	466	407	e450	594	972	821	985	1030	545	265	128	93
11	458	407	605	569	885	813	963	944	521	271	124	90
12	452	402	e660	553	820	801	970	878	500	269	121	86
13	450	399	e620	541	795	1120	1070	854	479	319	116	82
14	474	399	651	522	795	1290	1010	889	464	347	114	115
15	563	396	704	511	795	1030	966	828	477	441	112	261
16	606	396	669	501	799	933	920	817	488	379	112	361
17	557	396	653	490	791	886	873	811	466	315	123	322
18	518	399	1010	483	781	866	845	819	449	273	232	412
19	490	398	968	1020	772	848	810	815	425	251	338	406
20	472	396	797	3520	774	834	783	786	403	239	265	354
21	459	396	714	2260	808	1170	765	765	391	228	224	331
22	449	394	652	2110	783	1260	765	753	371	217	195	756
23	443	394	625	1440	773	1000	763	741	361	217	171	737
24	439	461	931	1580	757	911	757	729	364	230	156	474
25	438	620	954	5330	745	868	769	714	371	258	145	409
26	460	653	810	2950	737	856	779	698	374	287	135	623
27	454	620	740	1760	735	1020	747	688	383	289	130	995
28	439	568	688	1370	729	941	741	695	380	299	147	1100
29	427	530	656	1160	---	872	733	677	383	268	159	736
30	422	514	626	1030	---	1660	743	637	377	239	144	546
31	422	---	599	936	---	6090	---	601	---	217	139	---
TOTAL	14922	13304	20341	36476	24281	34988	31512	29337	15098	9086	5058	10343
MEAN	481	443	656	1177	867	1129	1050	946	503	293	163	345
MAX	910	653	1010	5330	1690	6090	3250	2540	876	441	338	1100
MIN	367	394	445	483	729	713	733	601	361	217	112	82
CFSM	0.79	0.72	1.07	1.92	1.41	1.84	1.71	1.54	0.82	0.48	0.27	0.56
IN.	0.91	0.81	1.23	2.21	1.47	2.12	1.91	1.78	0.92	0.55	0.31	0.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 2002, BY WATER YEAR (WY)

MEAN	702	805	1100	1534	1797	2069	1847	1355	1075	932	817	630
MAX	3302	2461	3258	3939	3933	5163	5262	2889	3391	1853	2534	1964
(WY)	1990	1978	1962	1946	1903	1980	1964	1973	1900	1900	1901	1898
MIN	214	294	415	425	612	620	542	457	280	212	198	201
(WY)	1955	1982	1956	1956	1941	1988	1986	1941	1988	1986	1986	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR		WATER YEARS 1897 - 2002	
ANNUAL TOTAL		0			
ANNUAL MEAN		0.000		1225	
HIGHEST ANNUAL MEAN				1979	1901
LOWEST ANNUAL MEAN				510	1986
HIGHEST DAILY MEAN		6090	Mar 31	22700	Jan 7 1946
LOWEST DAILY MEAN		331	Jun 23	82	Sep 13 2002
ANNUAL SEVEN-DAY MINIMUM		344	Jun 21	94	Sep 7 2002
MAXIMUM PEAK FLOW		7100	Mar 31	32300	Jan 7 1946
MAXIMUM PEAK STAGE		11.67	Mar 31	26.70	Jan 7 1946
INSTANTANEOUS LOW FLOW		82	Sep 13	82	Sep 13 2002
ANNUAL RUNOFF (CFSM)		0.000		2.00	
ANNUAL RUNOFF (INCHES)		0.00		27.15	
10 PERCENT EXCEEDS		1140		2150	
50 PERCENT EXCEEDS		693		916	
90 PERCENT EXCEEDS		399		415	

e Estimated

STATION NUMBER 02392000 ETOWAH RIVER AT CANTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 057
LATITUDE 341423 LONGITUDE 0842947 NAD27 DRAINAGE AREA 613.00* CONTRIBUTING DRAINAGE AREA DATUM 844.55 NGVD29
Date Processed: 2003-03-11 13:30 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.65	1.75	2.18	2.14	2.79	2.45	6.87	2.86	2.19	1.69	1.31	1.09
2	1.65	1.75	2.18	2.09	2.72	2.62	5.06	3.05	2.20	1.66	1.29	1.07
3	1.63	1.75	2.08	2.06	2.65	3.63	4.21	2.93	2.15	1.68	1.26	1.05
4	1.61	1.75	1.99	2.03	2.61	3.24	3.74	5.17	2.08	---	1.23	1.01
5	1.61	1.75	1.92	2.00	2.60	2.86	3.46	5.75	2.75	---	1.19	0.99
6	2.42	1.74	1.87	2.03	2.68	2.74	3.28	3.94	2.79	---	1.16	0.96
7	2.85	1.73	---	2.36	4.31	2.68	3.15	3.33	2.63	---	1.12	0.93
8	2.13	1.72	---	2.40	3.97	2.63	3.06	3.05	2.40	1.46	1.09	0.91
9	1.91	1.71	---	2.28	3.29	2.63	3.02	2.88	2.19	1.43	1.06	0.88
10	1.86	1.71	---	2.19	2.98	2.68	3.00	3.09	2.08	1.44	1.04	0.86
11	1.84	1.71	2.21	2.13	2.81	2.66	2.96	2.92	2.02	1.46	1.01	0.84
12	1.83	1.70	---	2.09	2.67	2.64	2.97	2.79	1.97	1.46	1.00	0.82
13	1.82	1.69	---	2.05	2.62	3.26	3.17	2.74	1.92	1.61	0.99	0.80
14	1.88	1.69	2.32	2.00	2.62	3.61	3.05	2.82	1.89	1.68	0.98	0.97
15	2.11	1.68	2.44	1.97	2.62	3.08	2.97	2.69	1.92	1.94	0.97	1.50
16	2.22	1.68	2.36	1.95	2.63	2.90	2.88	2.67	1.95	1.78	0.96	1.79
17	2.10	1.68	2.33	1.92	2.61	2.81	2.78	2.66	1.90	1.61	1.02	1.64
18	1.99	1.69	3.05	1.90	2.59	2.76	2.72	2.68	1.86	1.49	1.43	1.87
19	1.92	1.69	2.97	2.96	2.58	2.73	2.65	2.67	1.80	1.42	1.77	1.85
20	1.87	1.68	2.63	7.26	2.58	2.70	2.60	2.61	1.75	1.38	1.56	1.69
21	1.84	1.68	2.46	5.29	2.65	3.37	2.56	2.56	1.72	1.36	1.42	1.61
22	1.82	1.67	2.32	5.04	2.60	3.55	2.56	2.54	1.68	1.32	1.32	2.55
23	1.80	1.68	2.26	3.88	2.58	3.05	2.56	2.52	1.65	1.32	1.23	2.55
24	1.79	1.85	2.89	4.13	2.55	2.86	2.55	2.49	1.66	1.37	1.17	1.93
25	1.79	2.25	2.94	9.56	2.53	2.77	2.57	2.46	1.69	1.46	1.13	1.74
26	1.84	2.32	2.65	6.39	2.51	2.75	2.59	2.42	1.69	1.56	1.08	2.24
27	1.83	2.25	2.51	4.45	2.51	3.08	2.53	2.41	1.72	1.57	1.06	3.02
28	1.79	2.13	2.41	3.75	2.49	2.92	2.52	2.42	1.72	1.60	1.12	3.23
29	1.76	2.02	2.33	3.35	---	2.78	2.50	2.38	1.73	1.51	1.18	2.48
30	1.75	1.98	2.27	3.09	---	4.15	2.52	2.29	1.71	1.42	1.12	2.05
31	1.75	---	2.20	2.91	---	10.48	---	2.21	---	1.35	1.10	---
MEAN	1.89	1.80	---	3.21	2.76	3.20	3.10	2.90	1.98	---	1.17	1.56
MAX	2.85	2.32	---	9.56	4.31	10.48	6.87	5.75	2.79	---	1.77	3.23
MIN	1.61	1.67	---	1.90	2.49	2.45	2.50	2.21	1.65	---	0.96	0.80

STATION NUMBER 02392000 ETOWAH RIVER AT CANTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 057
LATITUDE 341423 LONGITUDE 0842947 NAD27 DRAINAGE AREA 613.00* CONTRIBUTING DRAINAGE AREA DATUM 844.55 NGVD29
Date Processed: 2003-03-11 13:30 By acday
APPROVED
DD #9, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.15	0.00	0.01	0.79	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.09	0.00	0.66	0.00	1.42	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57	1.04	0.00	0.00	0.00
5	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	0.00	0.00	0.00
6	0.87	0.00	0.00	0.73	1.26	0.00	0.00	0.00	0.16	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.32	0.06	0.38	0.00	0.00	0.00	0.00
10	0.00	0.00	0.46	0.00	0.00	0.00	0.02	0.01	0.00	0.06	0.00	0.00
11	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00
12	0.02	0.00	---	0.00	0.00	0.55	0.60	0.00	0.00	0.00	0.00	0.00
13	0.05	0.00	---	0.00	0.00	0.03	0.01	0.41	0.00	0.44	0.00	0.95
14	0.35	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.30	0.05	0.00	0.68
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.29
16	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.05	0.00
17	0.00	0.00	1.02	0.00	0.00	0.11	0.00	0.13	0.00	0.00	0.09	1.99
18	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.07	0.00	0.00	1.17	0.44
19	0.00	0.00	0.00	2.64	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.00
20	0.00	0.00	0.00	0.00	0.34	0.55	0.00	0.00	0.00	0.00	0.01	0.11
21	0.00	0.00	0.00	0.72	0.00	0.24	0.00	0.00	0.00	---	0.00	0.81
22	0.00	0.00	0.00	0.24	0.00	0.00	0.05	0.00	0.00	---	0.00	0.35
23	0.00	0.50	0.77	0.13	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.01
24	0.00	0.25	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.03	0.03	0.00	0.08	0.00	0.00	0.34	0.00	0.00	0.08	0.05	1.23
26	0.00	0.00	0.00	0.00	0.13	0.45	0.04	0.00	0.00	0.04	0.27	0.44
27	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11	0.29	0.00	0.00	0.22
28	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.01	0.02	0.00	1.03	0.01
29	0.00	0.01	0.00	0.00	---	0.00	0.01	0.00	0.01	0.00	0.14	0.00
30	0.00	0.52	0.00	0.00	---	3.12	0.20	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.25	---	0.00	---	0.00	0.00	---
TOTAL	1.61	1.31	---	6.18	2.06	6.85	1.64	4.14	3.75	---	3.06	7.53

02392890 NOONDAY CREEK AT ROBERTS ROAD, NEAR MARIETTA, GA

LOCATION.—Lat 34°00'15", long 84°35'33" referenced to North American Datum (NAD) of 1927, Cobb County, Hydrologic Unit 03150104, located on upstream side of Roberts Road bridge, 1.3 miles northwest of Marietta.

DRAINAGE AREA.--4.60 mi^2.

COOPERATION.—Cobb County Water System.

PEAK-STAGE RECORDS

PERIOD OF RECORD.—May 20, 1998 to present.

GAGE.—Crest-stage partial-record gage. Datum of gage is 890.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.-- A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum stage for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--
STAGE: 12.47 feet, November 9, 2000

MAXIMUM FOR CURRENT YEAR.--
STAGE: 11.75 feet, May 4

MOBILE RIVER BASIN
2002 Water Year

02392925 NOONDAY CREEK AT BELLS FERRY ROAD, NEAR WOODSTOCK, GA

LOCATION.—Lat 34°01'24", long 84°32'53" referenced to North American Datum (NAD) of 1927, Cobb County, Hydrologic Unit 03150104, located on upstream left bridge pier of Bells Ferry Road bridge, 2.5 miles south of Woodstock.

DRAINAGE AREA.—15.9 mi^2.

COOPERATION.—Cobb County Water System.

PEAK-STAGE RECORDS

PERIOD OF RECORD.—May 20, 1998 to present.

GAGE.—Crest-stage partial-record gage. Datum of gage is 890.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum stage for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.--
STAGE: 17.35 feet, November 9, 2000

MAXIMUM FOR CURRENT YEAR.--
STAGE: 17.03 feet, May 4

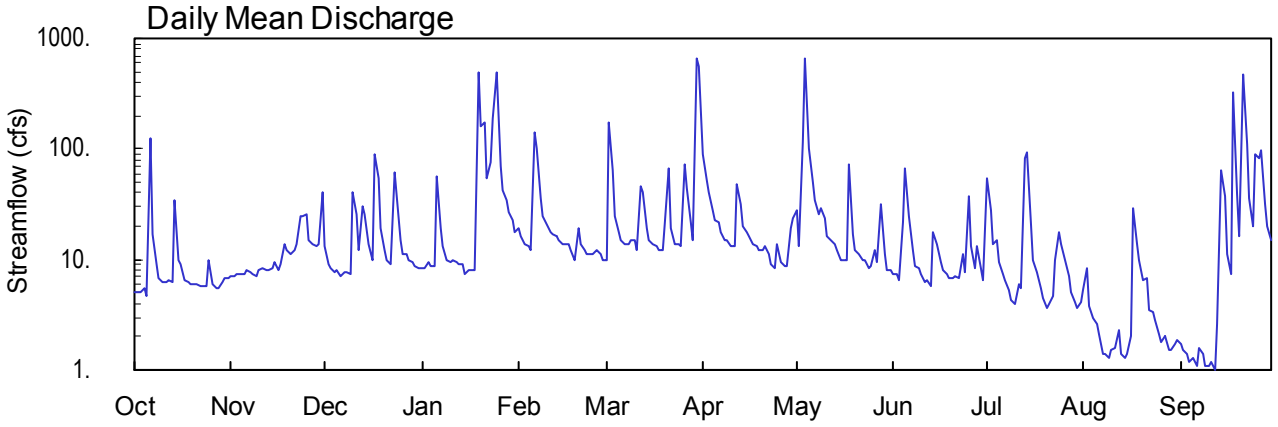
MOBILE RIVER BASIN

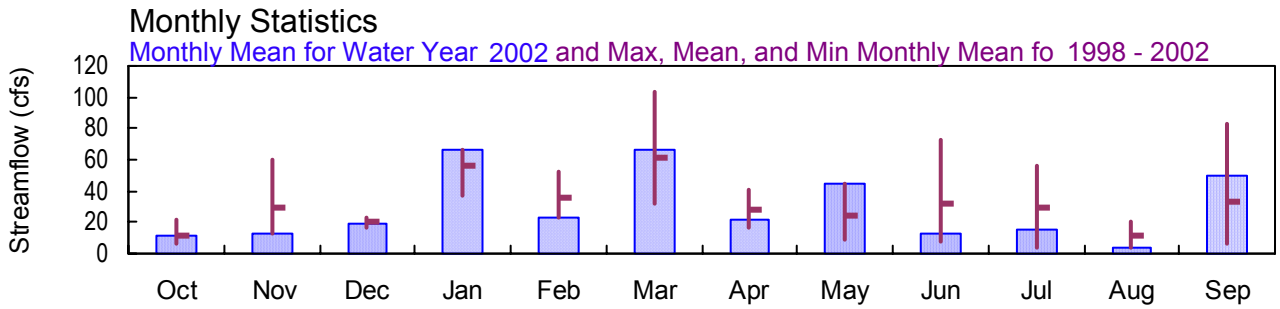
2002 Water Year

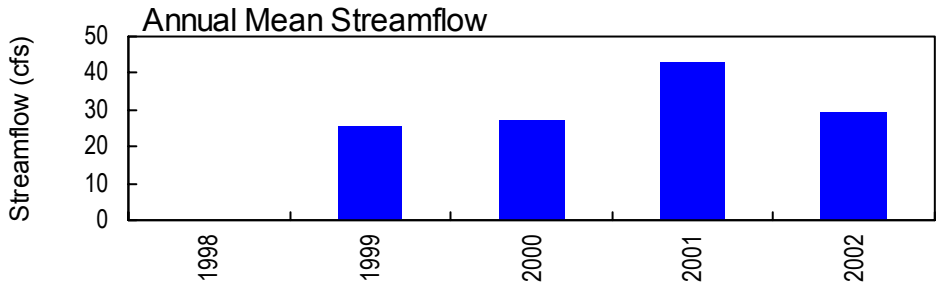
02392950 NOONDAY CREEK AT HAWKINS STORE RD, NR WOODSTOCK, GA

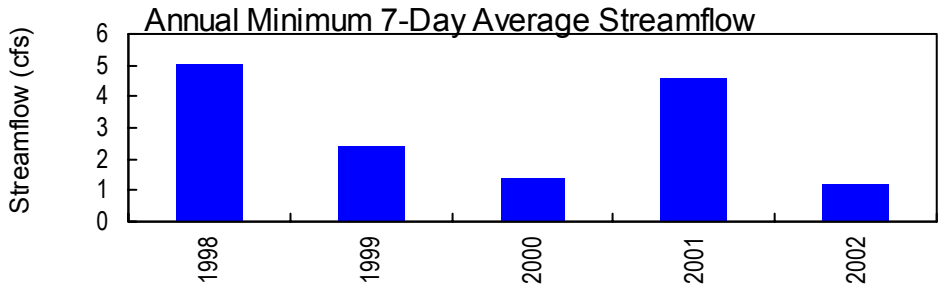
Latitude: 34°03'23" Longitude: 84°32'08" Hydrologic Unit Code: 03150104 Cobb County

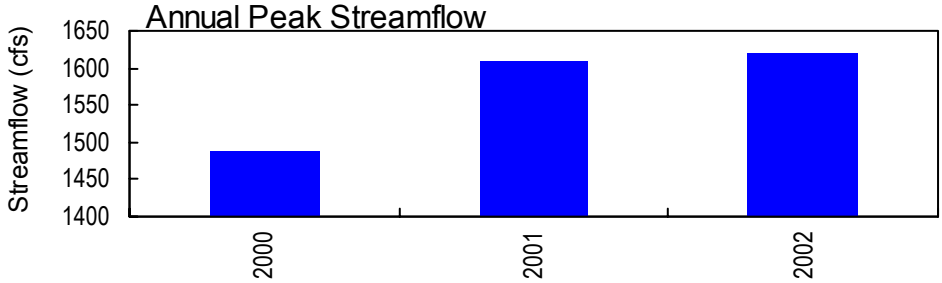
Drainage Area: 24.3 mi^2 Datum: 895.00 feet











MOBILE RIVER BASIN
2002 Water Year

02392950 NOONDAY CREEK AT HAWKINS STORE ROAD, NEAR WOODSTOCK, GA

LOCATION.—Lat 34°03'23", long 84°32'08" referenced to North American Datum (NAD) of 1983, Cobb County, Hydrologic Unit 03130104, on the right upstream bridge abutment of Hawkins Store Road bridge, 0.3 miles upstream from Little Noonday Creek, 3.1 miles south of Woodstock, and 9.6 miles above mouth.

DRAINAGE AREA.—24.3 mi^2.

COOPERATION.—Cobb County Water System.

WATER–DISCHARGE RECORDS

PERIOD OF RECORD.—July 14, 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is approximately 895.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for those periods of estimated daily discharge, which are fair.

WATER–STAGE RECORDS

PERIOD OF RECORD.—August 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is approximately 895.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 9.42 feet, March 30; minimum gage-height recorded, 1.50 feet, September 13.

STATION NUMBER 02392950 NOONDAY CREEK AT HAWKINS STORE RD, NR WOODSTOCK,GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 340323 LONGITUDE 0843208 NAD27 DRAINAGE AREA 24.3 CONTRIBUTING DRAINAGE AREA 24.3* DATUM 895.00 NGVD29
Date Processed: 2003-03-11 13:33 By acday
APPROVED
DD #2, H350/DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.1	7.0	13	8.3	19	10	89	28	7.3	54	5.3	1.7
2	5.0	7.1	9.2	8.4	16	175	52	13	7.3	28	8.5	1.5
3	5.1	7.4	8.3	9.6	14	64	40	117	6.4	14	3.8	1.4
4	5.5	7.4	7.8	8.6	13	25	28	654	22	15	2.9	1.2
5	4.7	7.4	8.1	8.8	12	18	23	101	66	9.3	2.6	1.3
6	124	8.0	7.2	56	141	15	22	49	25	7.5	2.1	1.1
7	17	7.7	7.8	19	102	14	18	34	12	6.4	1.4	1.6
8	9.0	e7.3	7.8	13	36	14	15	26	8.7	5.2	1.4	1.4
9	6.8	7.1	7.5	9.9	25	15	15	29	8.3	4.3	1.3	1.1
10	6.2	8.0	41	9.3	21	15	13	24	7.4	4.0	1.5	1.1
11	6.3	8.2	26	10	e18	12	13	16	6.2	5.9	1.6	1.2
12	6.5	8.1	12	9.4	e17	46	48	15	6.5	5.5	2.3	1.0
13	6.2	8.1	30	8.9	e16	41	32	14	5.8	84	1.4	2.6
14	35	8.2	26	e9.0	e15	19	20	12	18	95	1.3	65
15	10	9.3	14	e7.5	e14	15	18	9.9	14	21	1.4	38
16	9.0	7.9	10	8.0	e14	14	16	10	9.6	9.8	2.0	11
17	6.4	9.0	e88	8.0	e14	13	14	10	8.1	7.6	29	7.5
18	6.2	14	e54	8.0	e12	12	13	72	7.3	5.4	14	321
19	6.0	12	e19	490	10	12	12	17	6.8	4.4	9.9	39
20	6.0	11	12	163	19	21	12	12	6.9	3.7	6.6	16
21	5.9	12	10	175	14	66	13	11	7.1	4.0	6.9	474
22	5.8	14	9.2	55	12	19	11	10	6.8	4.6	3.5	112
23	5.8	25	61	75	11	14	9.2	10	11	10	3.3	36
24	5.8	25	39	191	11	14	8.5	8.5	7.8	18	2.8	20
25	9.9	26	15	494	11	13	14	8.8	37	14	2.1	91
26	6.0	15	11	69	12	73	9.5	12	13	9.7	1.8	83
27	5.5	14	11	42	11	44	8.7	9.5	8.4	7.1	2.0	96
28	5.5	13	10	34	9.9	22	8.7	31	13	5.1	1.5	32
29	6.2	14	9.5	27	---	15	19	11	8.2	4.1	1.5	20
30	6.7	41	8.6	23	---	654	24	8.0	6.5	3.6	1.7	15
31	6.9	---	8.3	18	---	556	---	8.1	---	4.2	1.9	---
TOTAL	356.0	369.2	601.3	2075.7	639.9	2060	638.6	1390.8	378.4	474.4	129.3	1494.7
MEAN	11.5	12.3	19.4	67.0	22.9	66.5	21.3	44.9	12.6	15.3	4.17	49.8
MAX	124	41	88	494	141	654	89	654	66	95	29	474
MIN	4.7	7.0	7.2	7.5	9.9	10	8.5	8.0	5.8	3.6	1.3	1.0
CFSM	0.47	0.51	0.80	2.76	0.94	2.73	0.88	1.85	0.52	0.63	0.17	2.05
IN.	0.54	0.57	0.92	3.18	0.98	3.15	0.98	2.13	0.58	0.73	0.20	2.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

MEAN	11.4	30.0	20.2	55.8	35.4	60.8	28.4	24.3	31.6	29.2	11.8	32.6
MAX	21.1	60.1	22.7	67.0	52.2	103	40.7	44.9	72.5	56.4	19.8	83.3
(WY)	2000	2001	2001	2002	2001	2001	2000	2002	2001	2001	2000	2000
MIN	6.48	12.3	16.3	36.7	22.9	31.6	16.5	8.89	7.10	3.51	4.17	6.12
(WY)	1999	2002	2000	2000	2002	1999	1999	2000	2000	2000	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	14267.4		10608.3			
ANNUAL MEAN	39.1		29.1		31.2	
HIGHEST ANNUAL MEAN					42.9	2001
LOWEST ANNUAL MEAN					25.5	1999
HIGHEST DAILY MEAN	765	Jan 19	654	Mar 30	947	Nov 9 2000
LOWEST DAILY MEAN	4.5	Aug 28	1.0	Sep 12	1.0	Sep 12 2002
ANNUAL SEVEN-DAY MINIMUM	4.9	Aug 23	1.2	Sep 6	1.2	Sep 6 2002
MAXIMUM PEAK FLOW			1620	Mar 30	1620	Mar 30 2002
MAXIMUM PEAK STAGE			9.42	Mar 30	9.42	Mar 30 2002
INSTANTANEOUS LOW FLOW			0.73	Sep 13	0.73	Sep 13 2002
ANNUAL RUNOFF (CFSM)	1.61		1.20		1.28	
ANNUAL RUNOFF (INCHES)	21.84		16.24		17.43	
10 PERCENT EXCEEDS	93		54		57	
50 PERCENT EXCEEDS	15		11		12	
90 PERCENT EXCEEDS	6.0		3.6		4.5	

e Estimated

STATION NUMBER 02392950 NOONDAY CREEK AT HAWKINS STORE RD, NR WOODSTOCK,GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 340323 LONGITUDE 0843208 NAD27 DRAINAGE AREA 24.3 CONTRIBUTING DRAINAGE AREA 24.3* DATUM 895.00 NGVD29
Date Processed: 2003-03-11 13:33 By acday
APPROVED
DD #1, H350/DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.82	1.91	2.10	1.96	2.21	2.00	2.94	2.34	1.87	2.31	1.77	1.63
2	1.81	1.91	2.00	1.97	2.15	3.26	2.63	2.09	1.87	2.29	1.93	1.61
3	1.81	1.93	1.97	2.01	2.10	2.73	2.50	2.97	1.83	2.07	1.76	1.60
4	1.84	1.93	1.95	1.97	2.08	2.32	2.36	5.47	2.01	2.09	1.72	1.57
5	1.79	1.93	1.95	1.98	2.05	2.20	2.29	3.00	2.64	1.93	1.69	1.58
6	3.01	1.95	1.92	2.59	3.08	2.13	2.27	2.56	2.25	1.88	1.66	1.56
7	2.20	1.94	1.95	2.23	3.02	2.12	2.20	2.39	2.00	1.83	1.60	1.61
8	1.99	---	1.95	2.11	2.45	2.10	2.13	2.28	1.92	1.78	1.59	1.59
9	1.90	1.91	1.93	2.03	2.31	2.11	2.12	2.31	1.90	1.74	1.58	1.56
10	1.87	1.95	2.42	2.00	2.25	2.12	2.09	2.26	1.87	1.73	1.61	1.56
11	1.88	1.96	2.33	2.03	---	2.05	2.07	2.11	1.82	1.81	1.62	1.57
12	1.89	1.96	2.08	2.00	---	2.49	2.48	2.09	1.84	1.80	1.66	1.55
13	1.87	1.96	2.34	1.99	---	2.51	2.40	2.06	1.80	2.41	1.59	1.62
14	2.40	1.96	2.35	---	---	2.21	2.23	2.01	2.08	2.88	1.58	2.67
15	2.03	2.00	2.13	---	---	2.14	2.19	1.95	2.07	2.23	1.59	2.47
16	1.99	1.95	2.04	1.96	---	2.11	2.16	1.96	1.94	1.99	1.62	2.03
17	1.89	1.99	---	1.95	---	2.08	2.11	1.97	1.90	1.92	2.29	1.91
18	1.88	2.14	---	1.95	---	2.06	2.07	2.71	1.87	1.83	2.08	4.10
19	1.87	2.07	---	4.48	2.01	2.04	2.04	2.13	1.85	1.79	1.98	2.49
20	1.87	2.06	2.08	3.35	2.18	2.19	2.05	2.02	1.85	1.75	1.85	2.13
21	1.86	2.08	2.03	3.38	2.11	2.73	2.06	1.98	1.86	1.77	1.88	4.79
22	1.85	2.13	2.00	2.68	2.04	2.21	2.02	1.96	1.85	1.78	1.74	3.06
23	1.86	2.30	2.56	2.84	2.03	2.09	1.97	1.96	1.99	1.99	1.73	2.38
24	1.86	2.34	2.49	3.29	2.01	2.09	1.95	1.91	1.89	2.08	1.71	2.15
25	2.00	2.35	2.16	4.86	2.01	2.06	2.09	1.92	2.25	2.08	1.66	2.76
26	1.87	2.17	2.07	2.78	2.04	2.60	1.98	1.98	2.03	1.98	1.64	2.83
27	1.84	2.14	2.04	2.52	2.02	2.52	1.96	1.94	1.91	1.90	1.65	2.93
28	1.84	2.11	2.03	2.43	1.99	2.26	1.96	2.29	2.02	1.82	1.61	2.34
29	1.88	2.14	2.01	2.35	---	2.13	2.19	1.99	1.90	1.77	1.61	2.16
30	1.90	2.46	1.98	2.29	---	5.36	2.22	1.89	1.84	1.75	1.63	2.06
31	1.91	---	1.97	2.20	---	5.11	---	1.90	---	1.78	1.64	---
MEAN	1.94	---	---	---	---	2.46	2.19	2.27	1.96	1.96	1.72	2.20
MAX	3.01	---	---	---	---	5.36	2.94	5.47	2.64	2.88	2.29	4.79
MIN	1.79	---	---	---	---	2.00	1.95	1.89	1.80	1.73	1.58	1.55

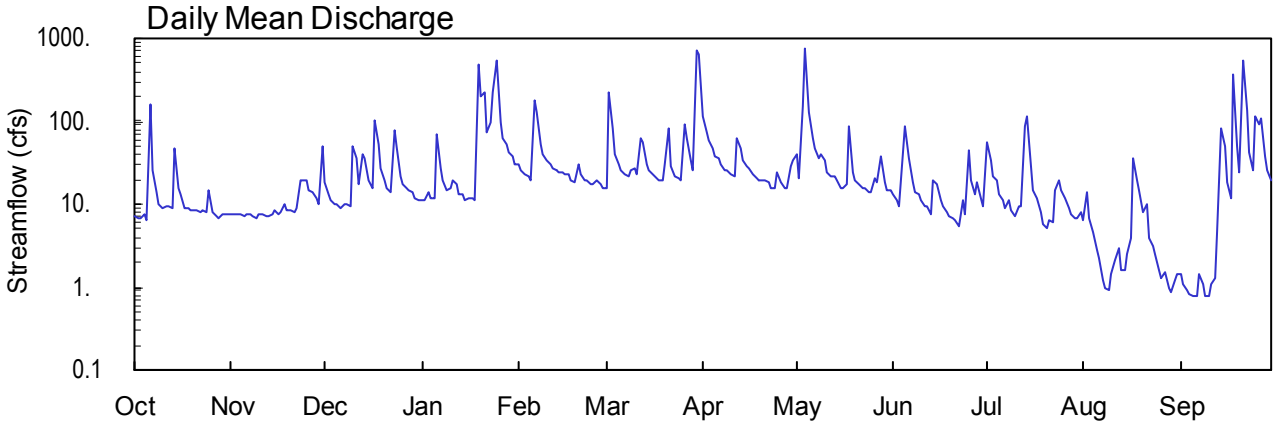
MOBILE RIVER BASIN

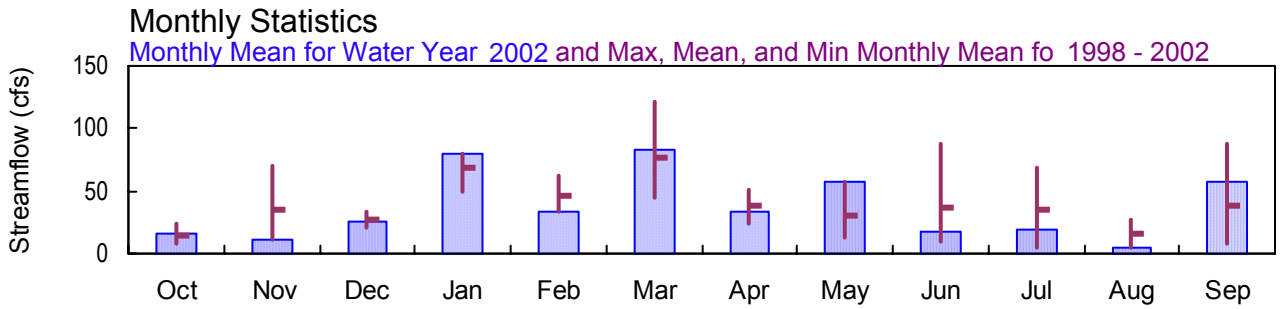
2002 Water Year

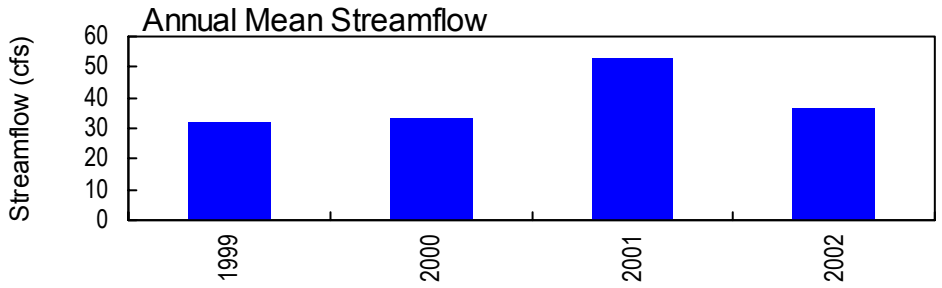
02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NR WOODSTOCK, GA

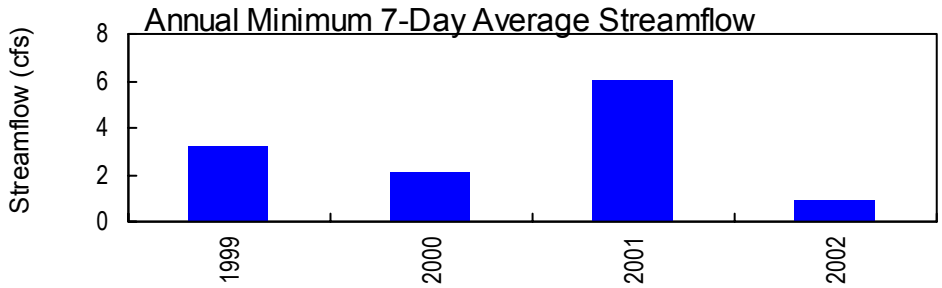
Latitude: 34°04'06" Longitude: 84°32'08" Hydrologic Unit Code: 03150104 Cobb County

Drainage Area: 33.6 mi^2 Datum: 890.00 feet









MOBILE RIVER BASIN
2002 Water Year

02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NEAR WOODSTOCK, GA

LOCATION.—Lat 34°04'06", long 84°32'08" referenced to North American Datum (NAD) of 1983, Cobb County, Hydrologic Unit 03130104, on the right upstream bridge abutment of Shallowford Road bridge, 0.5 miles downstream from Little Noonday Creek, 2.5 miles southwest of Woodstock, and 8.7 miles above mouth.

DRAINAGE AREA.—33.6 mi^2.

COOPERATION.—Cobb County Water System.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 14, 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is approximately 890.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good, except for periods of estimated discharge, which are fair.

WATER–STAGE RECORDS

PERIOD OF RECORD.—August 1998 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is approximately 890.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 10.08 feet, March 30; minimum gage-height recorded, 1.09 feet, August 9.

PRECIPITATION RECORDS

PERIOD OF RECORD.—December 18, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NR WOODSTOCK,GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 340406 LONGITUDE 0843208 NAD27 DRAINAGE AREA 33.6 CONTRIBUTING DRAINAGE AREA 33.6* DATUM 890.00 NGVD29
Date Processed: 2003-03-11 13:34 By acday
APPROVED
DD #2, H350/DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.2	7.6	18	11	31	16	118	39	13	57	6.5	1.4
2	6.9	7.5	13	11	26	219	74	21	11	33	14	e1.1
3	6.9	7.7	11	14	23	82	60	148	9.7	22	6.8	e0.92
4	7.6	7.6	10	12	22	39	47	740	42	20	4.5	e0.83
5	6.4	7.2	10	12	20	30	37	127	85	13	2.8	e0.77
6	156	7.7	9.2	69	176	25	35	63	35	11	2.2	e0.77
7	26	7.4	10	27	129	23	30	47	18	9.0	1.2	e1.4
8	14	7.2	9.9	19	52	22	26	35	14	11	0.99	e1.1
9	10	6.8	9.6	15	39	25	25	39	13	8.4	0.92	e0.79
10	9.1	7.5	51	16	34	27	23	34	11	7.3	1.4	e0.79
11	9.3	7.6	35	19	31	23	22	24	9.7	9.4	2.1	e1.1
12	9.7	7.2	17	17	27	64	63	22	9.7	9.5	2.9	e1.3
13	9.1	7.3	39	13	26	56	47	22	7.5	89	1.6	e4.7
14	46	7.4	35	13	24	31	34	19	19	115	1.6	84
15	16	8.4	20	11	24	25	28	16	17	28	2.5	51
16	13	7.4	16	12	23	23	27	16	11	15	4.0	18
17	9.2	8.1	102	12	23	21	23	17	9.4	12	35	12
18	8.8	10	e53	11	20	20	21	87	8.0	8.2	19	361
19	8.6	8.6	27	493	18	19	20	24	7.3	e5.8	15	50
20	8.7	8.3	20	203	30	30	20	19	6.6	5.1	8.2	24
21	8.5	7.9	16	222	23	82	20	17	6.3	6.3	10	535
22	8.2	8.8	14	74	19	29	18	16	5.5	6.2	3.9	132
23	8.3	20	77	96	19	22	16	16	11	15	3.1	42
24	8.2	20	51	218	17	21	16	14	7.4	e20	2.5	26
25	15	20	22	552	17	20	24	14	44	e15	1.6	112
26	8.2	15	17	96	19	92	18	21	19	e12	1.3	e93
27	7.0	14	16	62	17	61	16	18	13	e8.9	1.5	e108
28	6.9	12	15	53	16	34	16	38	18	e7.6	0.96	37
29	7.4	10	14	42	---	26	28	18	12	e6.6	0.89	25
30	7.7	49	12	37	---	731	33	15	9.5	e6.7	1.2	20
31	7.7	---	11	31	---	655	---	15	---	8.1	1.4	---
TOTAL	481.6	331.2	780.7	2493	945	2593	985	1761	502.6	601.1	161.56	1746.97
MEAN	15.5	11.0	25.2	80.4	33.8	83.6	32.8	56.8	16.8	19.4	5.21	58.2
MAX	156	49	102	552	176	731	118	740	85	115	35	535
MIN	6.4	6.8	9.2	11	16	16	16	14	5.5	5.1	0.89	0.77
CFSM	0.46	0.33	0.75	2.39	1.00	2.49	0.98	1.69	0.50	0.58	0.16	1.73
IN.	0.53	0.37	0.86	2.76	1.05	2.87	1.09	1.95	0.56	0.67	0.18	1.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

MEAN	14.4	35.6	27.2	68.3	47.0	75.9	38.5	30.7	37.5	34.5	16.0	37.8
MAX	24.7	70.3	33.5	80.4	62.6	122	51.7	56.8	88.0	68.3	27.4	88.4
(WY)	2000	2001	2001	2002	2001	2001	2000	2002	2001	2001	1998	2000
MIN	8.69	11.0	20.1	49.9	33.8	43.9	23.5	12.6	10.2	5.37	5.21	7.49
(WY)	2001	2002	2000	2000	2002	1999	1999	2000	2000	2000	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	17509.1		13382.73			
ANNUAL MEAN	48.0		36.7		38.7	
HIGHEST ANNUAL MEAN					53.0	2001
LOWEST ANNUAL MEAN					31.8	1999
HIGHEST DAILY MEAN	810	Jan 19	740	May 4	950	Nov 9 2000
LOWEST DAILY MEAN	6.4	Oct 5	0.77	Sep 5	0.77	Sep 5 2002
ANNUAL SEVEN-DAY MINIMUM	7.1	Sep 29	0.92	Sep 4	0.92	Sep 4 2002
MAXIMUM PEAK FLOW			1770	Mar 30	1770	Mar 30 2002
MAXIMUM PEAK STAGE			10.07	Mar 30	10.07	Mar 30 2002
ANNUAL RUNOFF (CFSM)	1.43		1.09		1.15	
ANNUAL RUNOFF (INCHES)	19.39		14.82		15.66	
10 PERCENT EXCEEDS	112		66		73	
50 PERCENT EXCEEDS	22		16		18	
90 PERCENT EXCEEDS	8.2		4.9		5.9	

e Estimated

STATION NUMBER 02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NR WOODSTOCK,GA SOURCE AGENCY USGS STATE 13 COUNTY 067
LATITUDE 340406 LONGITUDE 0843208 NAD27 DRAINAGE AREA 33.6 CONTRIBUTING DRAINAGE AREA 33.6* DATUM 890.00 NGVD29
Date Processed: 2003-03-11 13:34 By acday
APPROVED
DD #1, H350/DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.48	1.49	1.76	1.61	1.95	1.68	2.90	2.07	1.53	1.94	1.33	1.16
2	1.46	1.49	1.65	1.62	1.88	3.31	2.50	1.75	1.48	1.93	1.52	---
3	1.46	1.49	1.60	1.67	1.82	2.56	2.35	2.93	1.45	1.73	1.35	---
4	1.49	1.49	1.57	1.63	1.80	2.08	2.18	5.83	1.77	1.71	1.28	---
5	1.44	1.48	1.58	1.63	1.76	1.93	2.04	2.94	2.48	1.52	1.23	---
6	2.99	1.49	1.54	2.39	3.09	1.85	2.01	2.38	1.98	1.44	1.20	---
7	1.91	1.48	1.57	1.93	2.96	1.82	1.93	2.19	1.66	1.40	1.14	---
8	1.67	1.48	1.57	1.78	2.24	1.80	1.85	2.01	1.55	1.46	1.12	---
9	1.57	1.46	1.55	1.69	2.07	1.84	1.84	2.05	1.52	1.39	1.11	---
10	1.54	1.48	2.16	1.71	2.01	1.90	1.80	1.99	1.49	1.36	1.15	---
11	1.55	1.49	2.04	1.79	1.95	1.81	1.77	1.82	1.44	1.42	1.19	---
12	1.56	1.48	1.74	1.75	1.89	2.32	2.27	1.78	1.44	1.42	1.22	---
13	1.54	1.48	2.06	1.64	1.88	2.30	2.18	1.76	1.38	2.11	1.17	---
14	2.16	1.48	2.06	1.65	1.83	1.95	2.00	1.70	1.64	2.71	1.17	2.49
15	1.72	1.52	1.80	1.61	1.83	1.86	1.90	1.63	1.64	1.87	1.21	2.23
16	1.65	1.48	1.73	1.62	1.82	1.82	1.88	1.62	1.48	1.58	1.27	1.68
17	1.54	1.51	2.41	1.61	1.81	1.77	1.80	1.63	1.43	1.49	1.93	1.51
18	1.53	1.58	---	1.60	1.75	1.75	1.75	2.54	1.40	1.38	1.67	4.24
19	1.52	1.52	1.94	4.39	1.71	1.73	1.71	1.82	1.38	---	1.57	2.21
20	1.53	1.51	1.80	3.41	1.91	1.90	1.72	1.69	1.36	1.30	1.38	1.80
21	1.52	1.50	1.73	3.50	1.82	2.54	1.73	1.64	1.36	1.34	1.44	5.09
22	1.51	1.53	1.67	2.54	1.73	1.93	1.68	1.61	1.34	1.33	1.26	2.97
23	1.51	1.77	2.38	2.73	1.72	1.79	1.63	1.61	1.47	1.56	1.24	2.12
24	1.51	1.81	2.25	3.25	1.70	1.78	1.62	1.55	1.38	---	1.21	1.85
25	1.67	1.81	1.85	5.14	1.69	1.75	1.79	1.56	1.88	---	1.16	2.63
26	1.51	1.70	1.75	2.71	1.74	2.43	1.66	1.69	1.66	---	1.15	---
27	1.47	1.68	1.71	2.37	1.70	2.34	1.63	1.66	1.51	---	1.16	---
28	1.46	1.61	1.70	2.26	1.67	2.01	1.61	1.99	1.65	---	1.12	2.03
29	1.48	1.58	1.67	2.12	---	1.87	1.87	1.68	1.49	---	1.11	1.84
30	1.49	2.17	1.63	2.05	---	5.68	1.90	1.58	1.42	---	1.14	1.73
31	1.49	---	1.61	1.95	---	5.53	---	1.58	---	1.38	1.16	---
MEAN	1.61	1.57	---	2.24	1.92	2.25	1.92	2.01	1.56	---	1.27	---
MAX	2.99	2.17	---	5.14	3.09	5.68	2.90	5.83	2.48	---	1.93	---
MIN	1.44	1.46	---	1.60	1.67	1.68	1.61	1.55	1.34	---	1.11	---

02393500 ALLATOONA LAKE NEAR CARTERSVILLE, GA

LOCATION.—Lat 34°09'46", long 84°43'40" referenced to North American Datum (NAD) of 1927, Bartow County, Hydrologic Unit 03150104, at fore bay of dam on Etowah River, 2.8 miles upstream from Nashville, Chattanooga, & St. Louis Railway bridge, 4.0 miles east of Cartersville, and 6.0 miles upstream from Pumpkinvine Creek.

REMARKS.—Water levels are provided by the U.S. Army Corps of Engineers, Mobile District. Please see the following Internet location for more information:

http://water.sam.usace.army.mil/

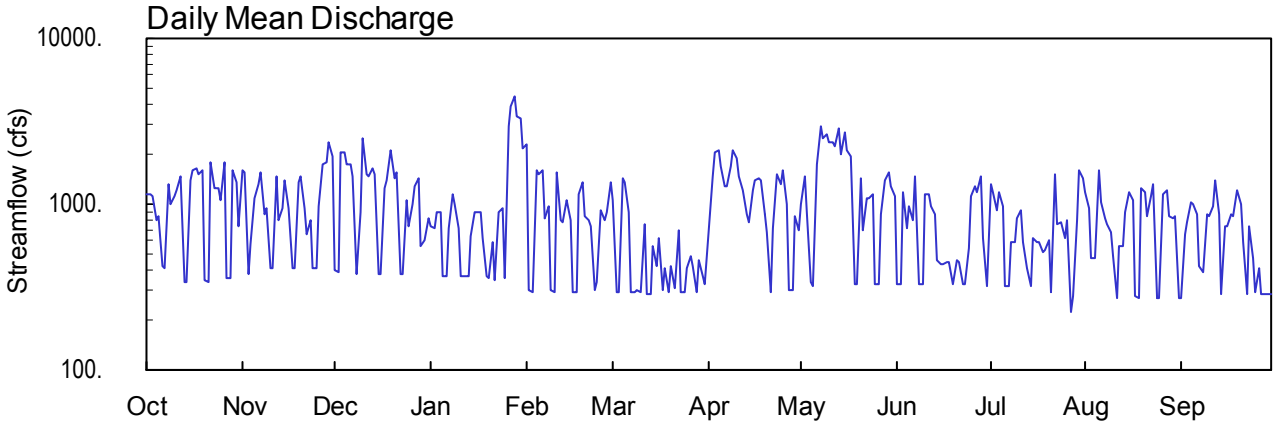
MOBILE RIVER BASIN

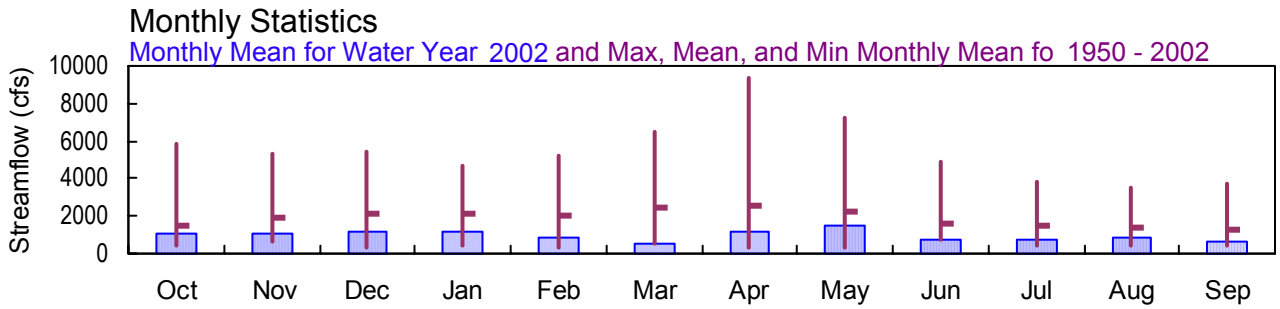
2002 Water Year

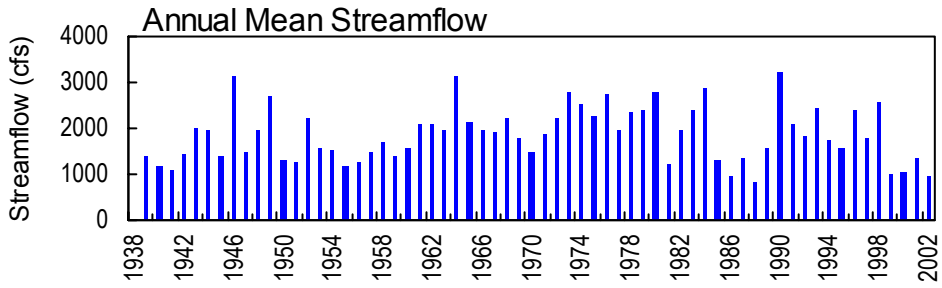
02394000 ETOWAH RIVER AT ALLATOONA DAM, ABV CARTERSVILLE, GA

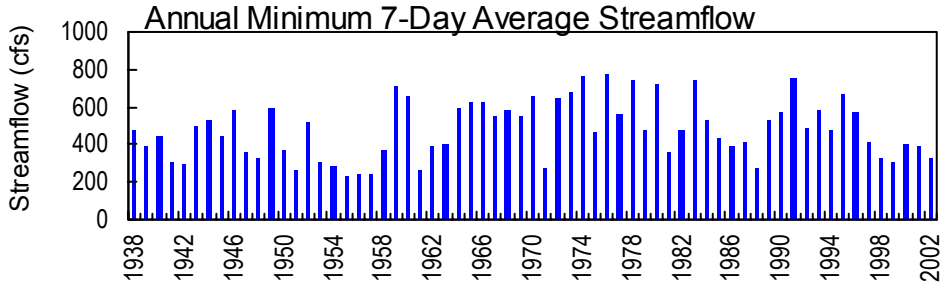
Latitude: 34°09'47" Longitude: 84°44'28" Hydrologic Unit Code: 03150104 Bartow County

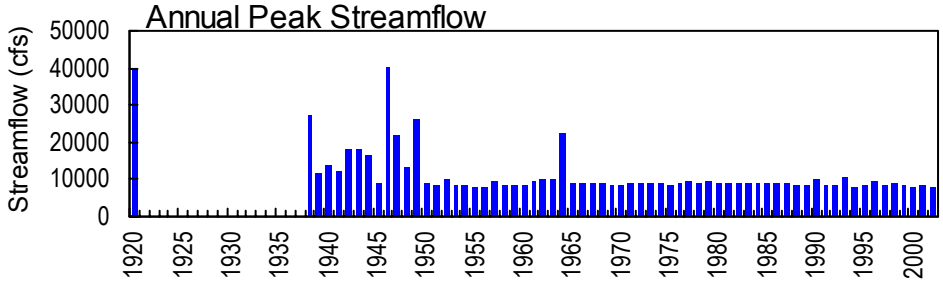
Drainage Area: 1,119. mi^2 Datum: 686.92 feet











02394000 ETOWAH RIVER AT ALLATOONA DAM, ABOVE CARTERSVILLE, GA

LOCATION.—Lat 34°09'47", long 84°44'28" referenced to North American Datum (NAD) of 1983, Bartow County, Hydrologic Unit 03150104, on right bank 0.8 miles downstream from Allatoona Dam, 2.0 miles upstream from Nashville, Chattanooga, & St. Louis Railway bridge, and 3.0 miles east of Cartersville.

DRAINAGE AREA.—1,120 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—September 1938 to current year. Prior to October 1949, published as Etowah River above Cartersville.

REVISED RECORDS.—WSP 1032: 1944. WDR GA-80-1: Drainage area.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 686.92 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to December 19, 1938, a non-recording gage was located at same site and datum.

REMARKS.—Records good. Flow regulated by Allatoona Reservoir since December 1949. Statistics prior to regulation are available upon request.

WATER-STAGE RECORDS

PERIOD OF RECORD.—September 1938 to current year. Prior to October 1949, published as Etowah River above Cartersville.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 686.92 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by U.S. Army Corps of Engineers). Prior to December 19, 1938, a non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.63 feet, September 12; minimum gage-height recorded, 1.00 feet, March 11.

PRECIPITATION RECORDS

PERIOD OF RECORD.—August 29, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02394000 ETOWAH RIVER AT ALLATOONA DAM, ABV CARTERSVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 340947 LONGITUDE 0844428 NAD27 DRAINAGE AREA 1119.00* CONTRIBUTING DRAINAGE AREA 1119 DATUM 686.92 NGVD29
Date Processed: 2003-03-11 13:38 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1160	1600	395	728	2280	1060	695	988	328	1320	1170	273
2	1150	1570	390	724	302	299	1490	1470	332	1180	953	659
3	1120	379	2030	899	297	299	2030	902	1170	908	477	774
4	794	573	2050	902	1600	1420	2140	337	712	1180	478	1030
5	841	1090	1730	366	1530	1360	1680	321	963	977	1620	1010
6	421	1310	1760	366	1590	901	1270	1750	812	323	1040	859
7	413	1580	1490	726	818	297	1270	2920	1460	322	818	418
8	1320	862	378	1150	975	297	1710	2490	332	590	756	389
9	1000	939	894	996	303	300	2130	2660	332	591	680	867
10	1130	417	2510	725	297	297	1900	2390	1160	813	480	848
11	1230	417	1510	366	1560	764	1480	2360	1160	923	272	973
12	1470	1470	1470	366	801	285	1220	2260	976	590	559	1410
13	335	809	1630	366	780	286	879	2850	876	412	561	870
14	341	951	1530	635	1070	556	777	2000	460	321	894	285
15	1380	1400	382	894	794	419	1200	2720	440	630	1180	729
16	1620	957	378	893	297	620	1390	2120	434	589	1060	739
17	1630	417	1240	893	297	303	1430	1970	451	585	276	870
18	1530	417	1400	629	1160	416	1390	327	453	513	273	846
19	1620	1350	2120	372	1340	298	877	328	332	530	1240	1200
20	347	1460	1430	358	836	418	669	1430	456	612	1190	991
21	343	934	1580	588	794	309	297	697	453	297	837	594
22	1780	651	378	351	747	699	707	1100	329	1520	1130	286
23	1250	801	378	904	307	297	1500	1100	330	748	1320	740
24	1260	408	1050	956	337	297	1310	1160	545	772	269	471
25	1060	407	737	363	909	416	1590	330	1120	628	271	293
26	1800	985	1000	2920	807	484	993	332	1270	796	1150	411
27	362	1730	1290	3870	894	419	301	880	1180	222	1220	285
28	354	1780	1420	4460	1360	e297	307	1380	1480	280	850	285
29	1600	2340	551	3410	---	e463	854	1560	618	799	820	285
30	1350	1930	600	3300	---	370	695	1300	323	1620	849	285
31	747	---	815	2160	---	328	---	1130	---	1420	273	---
TOTAL	32758	31934	36516	36636	25082	15274	36181	45562	21287	23011	24966	19975
MEAN	1057	1064	1178	1182	896	493	1206	1470	710	742	805	666
MAX	1800	2340	2510	4460	2280	1420	2140	2920	1480	1620	1620	1410
MIN	335	379	378	351	297	285	297	321	323	222	269	273
CFSM	0.94	0.95	1.05	1.06	0.80	0.44	1.08	1.31	0.63	0.66	0.72	0.60
IN.	1.09	1.06	1.21	1.22	0.83	0.51	1.20	1.51	0.71	0.76	0.83	0.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2002, BY WATER YEAR (WY)

MEAN	1491	1880	2110	2140	2050	2412	2545	2247	1590	1451	1366	1228
MAX	5880	5316	5447	4724	5256	6533	9407	7214	4847	3789	3524	3685
(WY)	1990	1978	1984	1972	1982	1990	1964	1964	1973	1989	1984	1967
MIN	448	667	332	476	268	493	360	288	710	430	423	399
(WY)	1987	1985	1955	1956	1956	2002	1988	1988	2002	1986	1986	1986

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1950 - 2002	
ANNUAL TOTAL	486162		346562			
ANNUAL MEAN	1332		949		1875	
HIGHEST ANNUAL MEAN					3233	1990
LOWEST ANNUAL MEAN					808	1988
HIGHEST DAILY MEAN	4890	Jun 6	4460	Jan 28	13600	Apr 10 1964
LOWEST DAILY MEAN	313	Aug 18	222	Jul 27	132	Mar 14 1993
ANNUAL SEVEN-DAY MINIMUM	399	Jan 15	331	Sep 24	235	Mar 20 1955
MAXIMUM PEAK FLOW					22600	Mar 22 1964
MAXIMUM PEAK STAGE					15.00	Mar 22 1964
ANNUAL RUNOFF (CFSM)	1.19		0.85		1.68	
ANNUAL RUNOFF (INCHES)	16.16		11.52		22.77	
10 PERCENT EXCEEDS	2650		1680		4410	
50 PERCENT EXCEEDS	1170		846		1380	
90 PERCENT EXCEEDS	347		303		273	

e Estimated

STATION NUMBER 02394000 ETOWAH RIVER AT ALLATOONA DAM, ABV CARTERSVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 340947 LONGITUDE 0844428 NAD27 DRAINAGE AREA 1119.00 CONTRIBUTING DRAINAGE AREA 1119* DATUM 686.92 NGVD29
Date Processed: 2003-03-11 13:36 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.77	2.07	1.23	1.45	2.47	1.73	1.41	1.62	1.22	1.91	1.81	1.17
2	1.70	2.06	1.23	1.45	1.19	1.19	---	2.02	1.22	1.81	1.65	1.43
3	1.73	1.22	2.36	1.59	1.19	1.19	2.42	1.61	1.81	1.63	1.28	1.47
4	1.48	1.35	2.39	1.59	2.07	1.98	2.49	1.22	1.48	1.81	1.28	1.70
5	1.49	1.69	2.18	1.21	2.05	1.95	2.10	1.21	1.65	1.64	2.07	1.69
6	1.23	1.82	2.17	1.21	2.10	1.61	1.86	2.21	1.53	1.21	1.71	1.58
7	1.22	2.07	2.00	1.45	---	1.19	1.88	2.99	2.02	1.21	1.55	1.26
8	1.80	1.52	1.22	1.76	1.63	1.19	2.19	2.77	1.22	1.40	1.45	1.24
9	1.65	1.62	1.51	1.63	1.19	1.19	2.45	2.87	1.22	1.40	1.44	1.59
10	1.74	1.25	2.75	1.45	1.19	1.19	2.22	2.69	1.81	1.52	1.31	1.57
11	1.81	1.25	1.98	1.21	2.08	1.51	1.99	2.67	1.81	1.62	1.17	1.66
12	1.97	2.00	2.00	1.21	1.54	1.18	1.84	2.60	1.67	1.39	1.35	1.96
13	1.18	1.52	2.11	1.21	1.52	1.18	1.57	3.03	1.58	1.26	1.35	1.55
14	1.19	1.63	2.04	1.37	1.74	1.34	1.50	2.41	1.29	1.21	1.60	1.18
15	1.91	1.93	1.22	1.58	1.54	1.26	1.80	2.92	1.28	1.41	1.80	1.48
16	2.10	1.63	1.22	1.58	1.19	1.37	1.93	2.47	1.28	1.39	1.72	1.49
17	2.10	1.25	---	1.58	1.19	1.19	1.97	2.40	1.29	1.39	1.17	1.59
18	2.00	1.25	---	1.35	1.78	1.26	1.95	1.22	1.29	1.34	1.17	1.56
19	2.11	1.91	2.46	1.21	1.93	1.19	1.59	1.22	1.22	1.35	1.86	1.83
20	1.19	1.97	1.94	1.20	1.56	1.26	1.44	1.98	1.29	1.40	1.83	1.65
21	1.19	1.61	2.02	1.34	1.54	1.20	1.19	1.47	1.29	1.19	1.52	1.38
22	2.13	1.39	1.22	1.20	1.50	1.44	1.47	1.76	1.22	2.06	1.78	1.18
23	1.76	1.51	1.22	1.57	1.20	1.19	1.99	1.76	1.22	1.51	1.88	1.49
24	1.77	1.24	1.69	1.59	1.22	1.19	1.80	1.81	1.36	1.52	1.17	1.28
25	1.60	1.24	1.47	1.21	1.61	1.26	2.11	1.22	1.76	1.41	1.17	1.19
26	2.23	1.58	1.63	3.05	1.55	1.31	1.59	1.22	1.86	1.52	1.80	1.25
27	1.21	2.18	1.83	3.73	1.60	1.26	1.19	1.61	1.81	1.12	1.80	1.18
28	1.20	2.24	1.97	4.18	1.93	---	1.20	1.97	2.04	1.18	1.58	1.18
29	2.09	2.64	1.31	3.29	---	---	1.58	2.10	1.40	1.54	1.56	1.18
30	1.91	2.33	1.35	3.20	---	---	1.43	1.91	1.21	2.12	1.58	1.18
31	1.46	---	1.49	2.51	---	1.22	---	1.76	---	1.96	1.17	---
MEAN	1.67	1.70	---	1.78	---	---	---	2.02	1.48	1.50	1.53	1.44
MAX	2.23	2.64	---	4.18	---	---	---	3.03	2.04	2.12	2.07	1.96
MIN	1.18	1.22	---	1.20	---	---	---	1.21	1.21	1.12	1.17	1.17

STATION NUMBER 02394000 ETOWAH RIVER AT ALLATOONA DAM, ABV CARTERSVILLE,GA SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 340947 LONGITUDE 0844428 NAD27 DRAINAGE AREA 1119.00 CONTRIBUTING DRAINAGE AREA 1119* DATUM 686.92 NGVD29
Date Processed: 2003-03-11 13:36 By acday
APPROVED
DD #13, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.25	0.00	0.00	0.01	0.00
2	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.01	0.00	0.54	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.03	0.00	1.10	0.00	1.19	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.63	0.85	0.00	0.00	0.00
5	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
6	0.86	0.00	0.00	0.57	1.06	0.00	0.00	0.00	0.02	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.16	0.26	0.27	0.00	0.00	0.00	0.00
10	0.00	0.00	0.40	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
11	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.01	0.00	0.00	0.00	0.00	0.66	0.76	0.00	0.00	0.00	0.00	0.00
13	0.17	0.00	0.27	0.00	0.00	0.22	0.00	0.06	0.00	0.76	0.00	0.31
14	0.38	0.00	0.21	0.00	0.00	0.00	0.01	0.00	0.64	0.04	0.01	0.08
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.07
16	0.00	0.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	0.00	1.06	0.00
17	0.00	0.00	0.71	0.00	0.00	0.20	0.01	0.17	0.00	0.00	0.87	0.23
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.16	0.08
19	0.00	0.00	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.26	0.44	0.00	0.00	0.00	0.00	0.01	0.75
21	0.00	0.00	0.00	0.70	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.39
22	0.00	0.00	0.00	0.20	0.00	0.00	0.07	0.00	0.00	0.50	0.00	0.30
23	0.00	0.42	0.73	0.11	0.00	0.00	0.00	0.00	0.01	0.57	0.00	0.00
24	0.00	0.50	0.00	1.48	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
25	0.00	0.07	0.00	0.08	0.00	0.00	0.23	0.00	0.06	0.00	0.01	0.49
26	0.00	0.00	0.00	0.00	0.07	0.30	0.02	0.00	0.00	0.35	0.01	0.12
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.15	0.00	0.00	0.15
28	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.03	0.00	0.00	0.00
29	0.00	0.07	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.42	0.00	0.00	---	4.39	0.34	0.00	0.81	0.00	0.00	0.00
31	0.00	---	0.00	0.01	---	0.14	---	0.00	---	0.00	0.00	---
TOTAL	1.64	1.48	2.35	5.56	1.61	7.45	2.96	4.58	2.66	3.97	2.69	2.97

MOBILE RIVER BASIN
2002 Water Year

02394670 ETOWAH RIVER AT GA 61, NEAR CARTERSVILLE, GA

LOCATION.—Lat 34°08'34" , long 84°50'20" referenced to North American Datum (NAD) of 1927, Bartow County, Hydrologic Unit 03150104, on GA 61, 3.0 miles southeast of Cartersville.

DRAINAGE AREA.—1,345 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 1985 to current year (gage-heights only). Gage-height records collected from May 1937 to November 1939 at a site 200.00 feet upstream and from November 1939 until at least 1961, data collected at same site are contained in reports of National Weather Service. Gage-height records were collected at same site since December 1949 and discharge measurements for the period August 1945 to May 1975 in files of the U.S. Army Corps of Engineers.

GAGE.—Water-stage recorder with satellite telemetry. Datum of gage is 650.81 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Gage-height affected by Allatoona Reservoir Dam since December 1949.

EXTREMES FOR PERIOD OF RECORD.—Maximum recorded gage-height, 17.96 feet March 17, 1990; minimum recorded, 4.06 feet September. 10, 1986.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood in April 1886 reached a gage-height of 37.0 feet, information supplied by U.S. Weather Service. Flood of December 19, 1919 reached a gage-height of 31.0 feet, information supplied by local resident. Flood of November 29, 1948 reached a gage-height of 30.0 feet, from U.S. Weather Service gage-height records. Minimum observed gage-height, 3.8 feet, September 25, 1939, from U.S. Weather Service gage-height records.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.58 feet, January 26; minimum gage-height recorded, 4.27 feet, September 30.

REVISIONS.—Portions of the continuous gage-height record from the 2001 water year have been revised and shown in attached table.

PRECIPITATION RECORDS

PERIOD OF RECORD.—August 16, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02394670 ETOWAH RIVER AT GA 61, NEAR CARTERSVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 340834 LONGITUDE 0845020 NAD27 DRAINAGE AREA 1345.00 CONTRIBUTING DRAINAGE AREA 1345.00* DATUM 650.81 NGVD29
Date Processed: 2003-03-11 11:09 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.45	6.28	5.52	5.52	8.39	6.25	7.12	6.24	4.75	6.06	5.91	4.55
2	6.09	6.80	4.90	5.34	5.99	4.89	6.85	6.55	4.71	6.11	5.62	5.16
3	5.98	5.14	6.86	5.40	5.10	5.17	7.39	5.95	5.92	5.73	4.63	5.31
4	5.21	5.08	7.26	5.75	6.17	6.61	8.21	7.96	5.35	5.94	4.93	5.64
5	5.54	5.56	6.51	4.71	7.11	6.40	7.35	6.44	5.87	5.69	6.75	5.61
6	4.99	6.47	6.75	4.79	6.96	5.82	6.72	7.24	5.85	4.67	5.73	5.48
7	4.93	6.90	6.69	5.45	7.44	4.82	5.84	8.24	6.38	4.62	5.42	4.86
8	6.09	5.62	4.99	6.06	6.29	4.82	6.88	7.91	4.78	5.07	5.16	4.76
9	5.51	5.61	5.07	5.81	5.53	4.82	7.84	8.02	4.71	5.09	5.39	5.39
10	6.26	5.07	7.83	5.37	5.02	4.81	7.55	8.06	5.91	5.38	4.93	5.53
11	6.05	4.90	6.72	4.74	6.36	5.54	6.68	7.62	5.93	5.54	4.55	5.52
12	6.36	6.23	6.31	4.73	6.24	4.82	6.60	7.15	5.70	5.11	5.02	6.13
13	5.08	5.90	6.34	4.72	5.67	5.05	5.46	8.16	5.53	4.85	---	5.50
14	4.81	5.44	7.01	5.21	6.13	5.42	5.70	7.39	5.10	5.62	---	4.64
15	6.01	6.37	5.02	5.58	5.65	5.24	6.30	7.68	5.00	5.40	---	5.52
16	6.83	6.03	4.74	5.58	4.84	5.15	6.22	7.57	4.88	5.23	5.82	5.57
17	7.03	4.83	5.65	5.58	4.82	5.16	6.89	6.76	4.91	5.15	4.88	5.64
18	6.65	4.83	6.40	5.21	5.97	4.99	6.52	5.17	4.90	5.01	---	5.82
19	6.54	5.76	7.47	5.45	6.43	4.87	5.76	4.81	4.66	5.01	6.33	6.49
20	4.95	6.59	6.56	6.64	5.68	5.04	5.60	6.16	4.89	5.14	5.94	5.94
21	4.76	5.99	6.80	6.26	5.63	5.14	4.83	5.39	4.90	4.57	5.49	5.48
22	6.93	5.29	4.89	5.71	5.55	5.70	5.50	5.80	4.65	6.26	5.84	5.35
23	6.06	5.35	4.83	6.19	4.79	4.92	6.56	6.20	4.64	5.48	5.95	5.78
24	6.33	5.11	5.68	6.72	4.85	4.83	6.69	6.00	5.01	5.53	4.83	5.19
25	5.90	4.95	5.77	9.71	5.74	4.92	6.69	4.78	5.84	5.22	4.57	4.88
26	6.87	5.90	5.62	9.56	5.58	5.06	6.28	4.72	6.13	5.64	5.72	5.53
27	4.79	6.82	6.35	10.54	5.79	5.53	5.03	5.68	5.94	4.79	6.01	5.21
28	4.77	6.87	6.42	10.77	6.28	4.90	4.98	6.67	6.27	4.64	5.17	5.06
29	6.59	7.21	4.95	9.97	---	5.08	5.49	6.49	5.21	5.40	5.72	4.82
30	6.37	6.63	5.12	9.51	---	7.54	5.15	6.19	4.67	6.41	5.48	4.73
31	5.51	---	5.55	8.43	---	11.28	---	5.98	---	6.20	4.57	---
MEAN	5.85	5.85	6.02	6.48	5.93	5.50	6.36	6.61	5.30	5.37	---	5.37
MAX	7.03	7.21	7.83	10.77	8.39	11.28	8.21	8.24	6.38	6.41	---	6.49
MIN	4.76	4.83	4.74	4.71	4.79	4.81	4.83	4.72	4.64	4.57	---	4.55

STATION NUMBER 02394670 ETOWAH RIVER AT GA 61, NEAR CARTERSVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 340834 LONGITUDE 0845020 NAD27 DRAINAGE AREA 1345.00 CONTRIBUTING DRAINAGE AREA 1345.00* DATUM 650.81 NGVD29
Date Processed: 2003-03-12 15:34 By bemccall
APPROVED
DD #1, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.62	5.35	7.19	5.44	6.89	7.08	4.98	6.55	8.14	---	6.55	5.70
2	5.84	5.58	4.87	6.83	6.64	6.91	7.29	6.19	8.30	---	6.40	4.95
3	6.46	5.83	4.75	6.62	6.00	5.02	6.83	6.28	9.71	---	6.53	6.03
4	6.65	5.13	7.50	5.85	5.69	6.20	5.23	5.77	8.52	---	5.33	6.00
5	6.50	4.58	7.14	5.24	6.72	8.23	6.65	5.01	11.45	---	5.80	5.98
6	6.46	5.51	7.04	4.70	6.17	8.01	8.90	5.01	10.82	---	6.10	6.41
7	4.66	6.47	6.96	4.69	5.74	8.79	6.35	5.92	10.96	7.26	6.73	5.83
8	4.48	5.73	6.00	5.33	5.45	6.99	5.85	5.59	10.55	9.10	6.16	4.77
9	6.47	7.86	4.71	5.56	5.02	6.64	8.58	5.49	6.08	9.82	6.92	5.46
10	6.79	6.51	4.70	5.82	4.88	5.04	8.44	5.04	5.03	7.86	5.79	5.88
11	6.66	5.08	6.24	5.05	5.36	5.01	9.05	4.93	5.17	6.79	4.87	5.82
12	7.03	4.86	6.46	4.89	6.35	6.40	5.48	4.79	6.84	7.31	5.03	5.36
13	6.90	6.06	5.70	4.67	6.44	8.46	5.09	4.77	5.39	6.43	6.47	5.78
14	4.71	5.63	5.72	4.72	5.60	6.80	5.15	5.38	5.26	5.07	5.99	5.72
15	4.45	6.70	5.03	4.70	5.42	9.90	5.18	5.42	6.55	4.94	5.61	4.71
16	5.59	5.67	5.32	4.68	5.45	9.28	7.64	5.62	5.18	5.83	6.17	4.67
17	5.45	6.36	4.88	4.80	5.45	6.32	8.47	5.02	4.98	5.78	5.22	---
18	5.59	4.83	6.44	5.00	5.28	5.43	8.54	5.77	5.52	5.74	4.72	---
19	5.39	4.86	6.27	6.52	6.73	7.93	8.33	5.22	6.13	5.72	4.82	---
20	5.55	6.09	6.75	7.42	6.47	11.28	6.26	5.50	5.93	5.65	5.38	5.83
21	4.75	5.82	6.94	5.00	5.90	9.99	5.66	6.04	5.53	5.12	---	5.81
22	4.54	6.75	6.64	6.09	6.28	7.54	4.82	6.13	5.75	4.88	5.74	5.49
23	5.00	7.14	5.06	7.52	5.94	8.19	7.14	6.75	5.49	5.55	5.90	4.51
24	5.24	6.16	4.73	6.06	5.10	5.69	7.72	6.05	5.05	5.71	5.78	5.73
25	5.03	4.93	4.72	7.22	5.15	5.00	6.46	5.91	6.18	9.62	4.70	6.00
26	5.01	5.23	6.30	8.45	6.32	7.64	7.56	4.97	5.28	8.03	4.65	5.79
27	5.22	5.85	6.30	4.51	7.38	8.42	6.24	4.91	5.39	---	6.00	5.95
28	4.47	7.29	6.01	4.48	6.61	8.68	5.14	5.28	5.55	5.61	6.28	6.53
29	4.46	7.03	7.51	6.46	---	8.74	4.78	8.12	9.47	6.26	7.28	4.75
30	4.85	7.28	5.16	7.78	---	8.71	6.62	9.22	9.96	7.67	6.57	4.64
31	5.04	---	5.46	7.98	---	5.71	---	9.38	---	6.66	5.98	---
MEAN	5.48	5.94	5.95	5.81	5.94	7.42	6.68	5.87	7.01	---	---	---
MAX	7.03	7.86	7.51	8.45	7.38	11.28	9.05	9.38	11.45	---	---	---
MIN	4.45	4.58	4.70	4.48	4.88	5.00	4.78	4.77	4.98	---	---	---

STATION NUMBER 02394670 ETOWAH RIVER AT GA 61, NEAR CARTERSVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 340834 LONGITUDE 0845020 NAD27 DRAINAGE AREA 1345.00 CONTRIBUTING DRAINAGE AREA 1345.00* DATUM 650.81 NGVD29
Date Processed: 2003-03-11 11:16 By bemccall
APPROVED
DD #16, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	0.00
2	---	---	---	---	---	---	---	---	---	---	---	0.00
3	---	---	---	---	---	---	---	---	---	---	---	0.00
4	---	---	---	---	---	---	---	---	---	---	---	0.00
5	---	---	---	---	---	---	---	---	---	---	---	0.00
6	---	---	---	---	---	---	---	---	---	---	---	0.00
7	---	---	---	---	---	---	---	---	---	---	---	0.00
8	---	---	---	---	---	---	---	---	---	---	---	0.00
9	---	---	---	---	---	---	---	---	---	---	---	0.00
10	---	---	---	---	---	---	---	---	---	---	---	0.00
11	---	---	---	---	---	---	---	---	---	---	---	0.00
12	---	---	---	---	---	---	---	---	---	---	---	0.00
13	---	---	---	---	---	---	---	---	---	---	---	0.63
14	---	---	---	---	---	---	---	---	---	---	---	0.41
15	---	---	---	---	---	---	---	---	---	---	---	0.03
16	---	---	---	---	---	---	---	---	---	---	1.08	0.00
17	---	---	---	---	---	---	---	---	---	---	1.62	1.18
18	---	---	---	---	---	---	---	---	---	---	0.32	0.11
19	---	---	---	---	---	---	---	---	---	---	0.01	0.00
20	---	---	---	---	---	---	---	---	---	---	0.00	0.16
21	---	---	---	---	---	---	---	---	---	---	0.00	1.61
22	---	---	---	---	---	---	---	---	---	---	0.00	0.69
23	---	---	---	---	---	---	---	---	---	---	0.00	0.00
24	---	---	---	---	---	---	---	---	---	---	0.00	0.00
25	---	---	---	---	---	---	---	---	---	---	0.15	1.38
26	---	---	---	---	---	---	---	---	---	---	0.12	0.30
27	---	---	---	---	---	---	---	---	---	---	0.00	0.18
28	---	---	---	---	---	---	---	---	---	---	0.00	0.00
29	---	---	---	---	---	---	---	---	---	---	0.00	0.00
30	---	---	---	---	---	---	---	---	---	---	0.00	0.00
31	---	---	---	---	---	---	---	---	---	---	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	6.68

MOBILE RIVER BASIN
2002 Water Year

02394820 EUHARLEE CREEK AT US 278, AT ROCKMART, GA

LOCATION.—Lat 33°59'55", long 85°03'09" referenced to North American Datum (NAD) of 1927, Polk County, Hydrologic Unit 03150104, at US 278 at Rockmart.

DRAINAGE AREA.—42.1 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1961, 1974, 1979, 1984 to current year.

GAGE.--Crest-stage partial-record gage. Datum of gage is 732.98 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 15.00 feet, March 4, 1979
DISCHARGE: 7,000 ft^3/s, March 4, 1979

MAXIMUM FOR CURRENT YEAR.—
STAGE: 7.85 feet, January 20
DISCHARGE: 1,540 ft^3/s, January 20

MOBILE RIVER BASIN
2002 Water Year

02394869 EUHARLEE CREEK NEAR ARAGON, GA

LOCATION.--Lat 34°04'33", long 85°01'57" referenced to North American Datum (NAD) of 1927, Polk County, Hydrologic Unit 03150104, 0.26 miles upstream of Taylorsville Road bridge, 2.6 miles northeast of Aragon.

DRAINAGE AREA.—93.1 mi^2.

COOPERATION.—Polk County Water, Sewage, and Solid Waste Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—July 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 690.00 feet (revised) above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 1, effective July 14, 2000 to September 30, 2002.

REMARKS.--Records good. Measurements for current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/10/01	8.09	37.8
12/04/01	8.10	37.3
04/10/02	8.79	107
06/12/02	8.15	46.0
08/26/02	7.98	30.1

02394870 EUHARLEE CREEK AT TAYLORSVILLE ROAD, NEAR ARAGON, GA

LOCATION.--Lat 34°04'33", long 85°01'47" referenced to North American Datum (NAD) of 1927, Polk County, Hydrologic Unit 03150104, upstream of Taylorsville Road bridge, 2.6 miles northeast of Aragon.

DRAINAGE AREA.—98.1 mi^2.

COOPERATION.—Polk County Water, Sewage, and Solid Waste Authority.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—July 2000 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 690.00 feet (revised) above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.--Rating Number 1, effective July 14, 2000 to September 30, 2002.

REMARKS.--Records good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/10/01	8.13	45.8
12/04/01	8.14	45.1
04/10/02	8.75	107
06/12/02	8.18	46.2
08/26/02	8.02	34.4

MOBILE RIVER BASIN
2002 Water Year

02395000 ETOWAH RIVER NEAR KINGSTON, GA

LOCATION.—Lat 34°12'24", long 84°58'44" referenced to North American Datum (NAD) of 1927, Bartow County, Hydrologic Unit 03150104, on right bank 125 feet from the downstream side of bridge on US 411, 1.1 miles above Two Run Creek, 26.4 miles downstream from Allatoona Dam, 2.5 miles southwest of Kingston.

DRAINAGE AREA.—1,634 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July 1928 to December 1931; November 1936 to April 1937; June 1937 to April 1960; June 1960 to October 1995; July 2, 2001 to September 30, 2001.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 609.97 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Flow regulated by Lake Allatoona.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 13.37 feet, March 31; minimum gage-height recorded, 3.07 feet, July 28, numerous days in August and September.

PRECIPITATION RECORDS

PERIOD OF RECORD.—July 2, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records fair.

STATION NUMBER 02395000 ETOWAH RIVER NEAR KINGSTON,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 341224 LONGITUDE 0845844 NAD27 DRAINAGE AREA 1634.00 CONTRIBUTING DRAINAGE AREA 1634* DATUM 609.97 NGVD29
Date Processed: 2003-03-11 11:09 By bemccall
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.49	4.03	5.46	4.35	5.93	4.90	6.65	4.52	4.28	3.81	4.75	3.28
2	4.56	5.13	---	4.06	5.53	3.81	5.67	4.98	3.63	4.73	4.04	3.50
3	4.80	4.46	4.56	3.73	3.93	4.14	5.83	5.26	3.83	4.70	4.06	3.70
4	4.01	3.46	5.26	4.77	4.26	5.16	6.69	6.82	4.36	4.29	3.66	4.04
5	4.30	3.97	---	3.70	5.62	4.99	6.46	6.20	4.40	4.40	4.24	4.07
6	4.11	4.57	4.94	3.59	5.12	4.56	5.59	5.38	4.64	4.06	4.48	4.12
7	3.84	5.35	5.38	4.00	6.27	3.83	4.24	6.01	4.68	3.42	4.09	4.02
8	4.06	3.90	---	4.29	5.55	3.73	5.16	6.12	4.41	3.40	3.93	3.33
9	4.40	4.11	---	4.74	4.86	3.72	6.20	6.15	3.59	3.81	3.94	3.58
10	5.22	4.22	---	4.15	4.21	3.76	5.97	6.55	3.93	3.94	3.70	4.19
11	4.02	3.51	---	3.74	4.66	4.29	5.42	5.93	4.50	4.02	3.64	3.75
12	4.52	3.85	4.55	3.56	5.49	3.75	5.86	5.17	4.44	4.07	3.46	4.46
13	4.52	4.94	4.79	3.55	4.38	3.96	4.54	6.18	4.10	3.86	3.66	4.17
14	3.53	3.50	5.75	3.82	5.16	4.08	4.47	5.98	4.24	4.51	3.84	3.88
15	3.78	4.16	4.25	4.10	4.44	4.46	4.89	5.59	3.92	3.78	4.16	3.72
16	4.89	5.26	3.63	4.29	3.71	3.88	4.52	6.16	3.75	4.04	4.35	4.05
17	5.67	3.46	3.60	4.15	3.83	4.22	5.77	4.92	3.70	3.89	4.10	4.04
18	4.79	3.44	4.76	3.93	4.71	3.81	5.47	5.19	3.78	3.82	3.73	4.40
19	4.55	3.46	5.64	3.86	5.09	3.96	4.17	3.82	3.57	3.73	4.28	4.58
20	4.68	4.87	5.35	6.18	4.56	3.77	4.76	3.87	3.43	3.90	4.39	4.60
21	3.49	4.85	5.02	5.09	4.50	4.20	3.99	4.80	3.66	3.68	4.15	4.13
22	4.38	3.85	4.55	5.32	4.16	4.47	4.23	4.21	3.66	3.94	4.28	5.31
23	4.44	3.86	3.62	4.87	3.70	4.06	4.64	4.79	3.43	4.35	4.23	4.25
24	4.81	3.89	3.83	4.91	3.79	3.84	5.04	4.64	3.44	4.18	4.26	4.24
25	4.54	3.62	4.97	7.87	4.51	3.80	4.54	4.39	4.09	4.26	3.31	3.96
26	5.30	3.93	4.19	6.83	4.45	4.00	5.10	3.66	4.80	3.76	3.50	4.38
27	3.92	4.95	4.75	8.22	4.52	4.41	4.36	3.84	4.58	3.84	4.54	4.38
28	3.45	4.90	5.08	7.91	4.55	3.90	3.73	5.40	4.35	3.37	3.94	4.13
29	---	5.03	3.83	7.37	---	3.98	3.96	4.77	4.33	3.54	4.20	3.84
30	---	4.89	3.87	7.13	---	6.02	4.25	4.80	3.84	4.51	4.15	3.67
31	---	---	4.13	6.69	---	11.57	---	4.79	---	4.83	3.74	---
MEAN	---	4.25	---	4.99	4.70	4.42	5.07	5.19	4.05	4.01	4.03	4.06
MAX	---	5.35	---	8.22	6.27	11.57	6.69	6.82	4.80	4.83	4.75	5.31
MIN	---	3.44	---	3.55	3.70	3.72	3.73	3.66	3.43	3.37	3.31	3.28

STATION NUMBER 02395000 ETOWAH RIVER NEAR KINGSTON,GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 341224 LONGITUDE 0845844 NAD27 DRAINAGE AREA 1634.00 CONTRIBUTING DRAINAGE AREA 1634* DATUM 609.97 NGVD29
Date Processed: 2003-03-11 11:17 By bemccall
APPROVED
DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.12	0.00	0.00	0.00	---
2	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.15	0.00	---
3	0.00	0.00	0.00	0.00	0.01	0.10	0.00	0.82	0.00	0.02	0.00	---
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.07	0.00	0.00	---
5	0.77	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.22	0.00	0.00	---
6	0.88	0.00	0.00	0.58	---	0.00	0.00	0.00	0.23	0.00	0.00	---
7	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	---
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
9	0.00	0.00	0.00	0.00	0.00	0.10	0.18	0.46	0.00	0.00	0.00	---
10	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.00	---
11	0.00	0.00	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
12	0.08	0.00	0.00	0.00	0.00	0.82	0.15	0.00	0.00	0.00	0.00	---
13	0.10	0.00	0.47	0.00	0.00	0.07	0.00	0.01	0.00	0.69	0.00	---
14	0.45	0.00	0.95	0.00	0.00	0.00	0.00	0.01	0.36	0.08	0.04	---
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	---
16	0.00	0.00	0.00	0.00	0.00	0.13	0.20	0.00	0.00	0.36	0.00	---
17	0.00	0.00	0.46	0.00	0.00	0.01	0.00	0.34	0.00	0.00	0.02	---
18	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.00	0.00	---
19	0.00	0.00	0.00	2.27	0.00	0.00	0.00	0.00	0.00	0.01	0.00	---
20	0.00	0.00	0.00	0.00	0.25	0.71	0.00	0.00	0.00	0.00	0.00	---
21	0.00	0.00	0.00	0.69	0.00	0.24	0.00	0.00	0.00	0.00	0.00	---
22	0.00	0.00	0.00	0.26	0.00	0.00	0.13	0.00	0.00	0.02	0.00	---
23	0.00	0.40	1.08	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
24	0.06	0.85	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
25	0.09	0.56	0.00	0.03	0.00	0.00	0.29	0.00	0.20	0.05	0.00	---
26	0.00	0.00	0.00	0.00	0.05	0.63	0.03	0.00	0.01	0.03	0.00	---
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.07	0.00	0.00	---
28	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.03	0.00	0.15	---
29	---	0.42	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	---
30	---	0.32	0.00	0.00	---	4.23	0.31	0.00	0.00	0.14	0.00	---
31	---	---	0.00	0.00	---	0.03	---	0.00	---	0.01	0.00	---
TOTAL	---	2.55	3.69	6.04	---	7.79	1.63	4.64	1.19	2.35	0.21	---

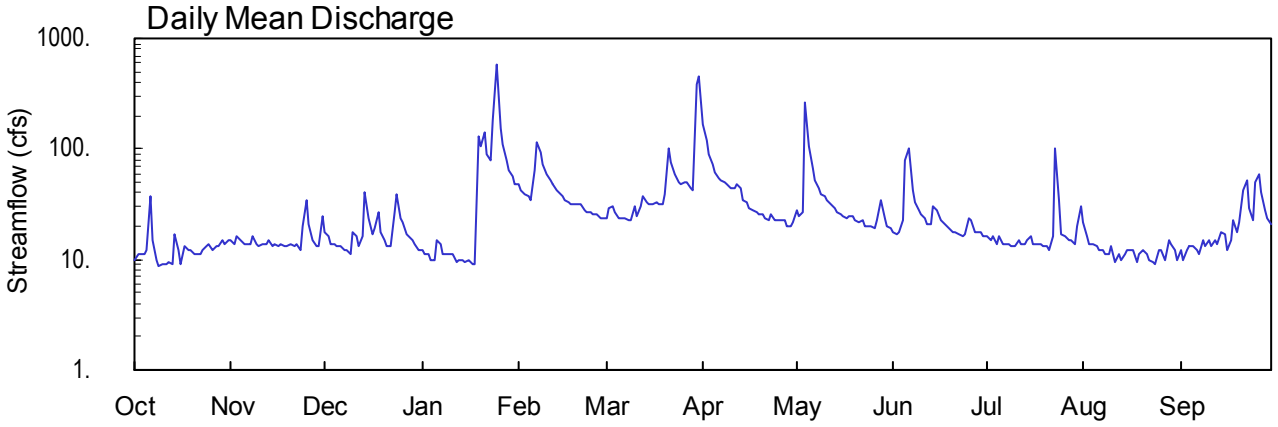
MOBILE RIVER BASIN

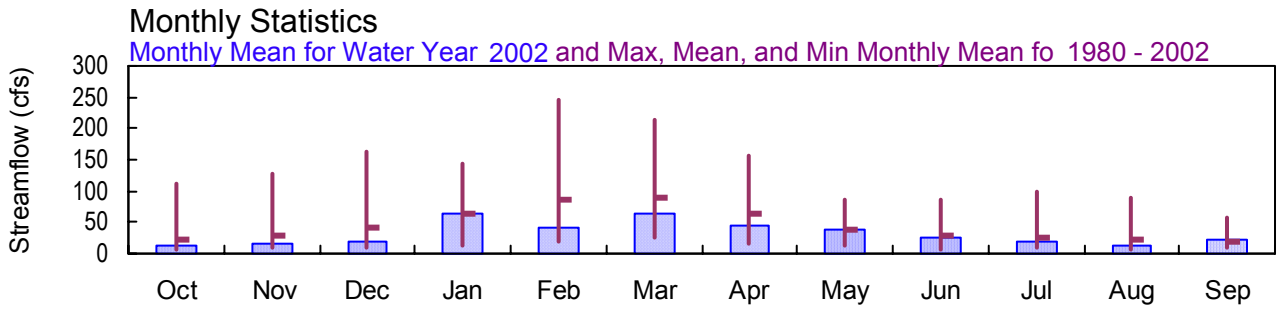
2002 Water Year

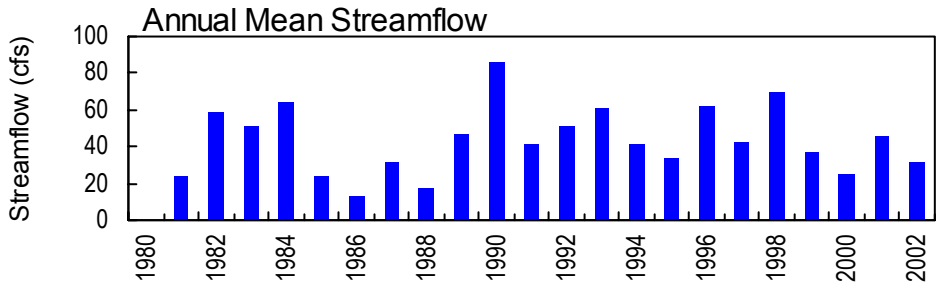
02395120 TWO RUN CREEK NEAR KINGSTON, GA

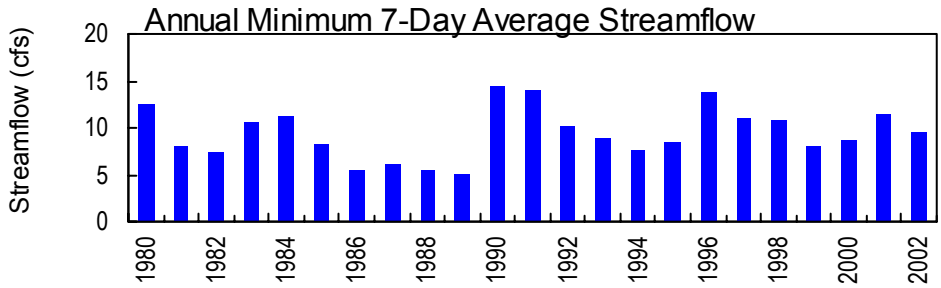
Latitude: 34°14'34" Longitude: 84°53'23" Hydrologic Unit Code: 03150104 Bartow County

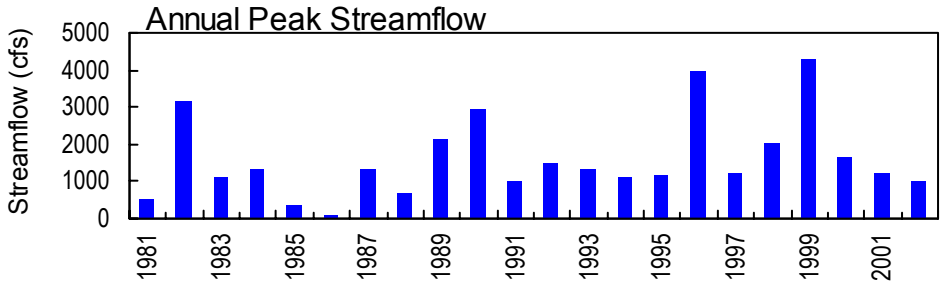
Drainage Area: 33.1 mi^2 Datum: 723.10 feet











MOBILE RIVER BASIN
2002 Water Year

02395120 TWO RUN CREEK NEAR KINGSTON, GA

LOCATION.—Lat 34°14'34", long 84°53'23" referenced to North American Datum (NAD) of 1983, Bartow County, Hydrologic Unit 03150104, on right bank 200.0 feet upstream from bridge on GA 293, 1.9 miles upstream from Limekiln Branch, and 3.0 miles east of Kingston.

DRAINAGE AREA.—33.1 mi^2.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1980 to current year.

GAGE.—Water-stage recorder. Datum of gage is 723.10 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 25	0445	1,020*	5.77*
Mar. 31	0100	901	5.58
May 4	1115	648	4.91

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1980 to current year.

GAGE.—Water-stage recorder. Datum of gage is 723.10 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.77 feet, January 25; minimum gage-height recorded, 1.12 feet, August 22-24, 27-28.

STATION NUMBER 02395120 TWO RUN CREEK NEAR KINGSTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 341434 LONGITUDE 0845323 NAD83 DRAINAGE AREA 33.10 CONTRIBUTING DRAINAGE AREA 33.10* DATUM 723.10 NGVD29
Date Processed: 2003-03-11 13:38 By acday
APPROVED
DD #1

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	15	18	12	48	24	170	28	18	16	22	12
2	11	14	16	11	43	29	121	25	17	15	16	9.7
3	11	16	14	11	39	30	90	27	18	16	14	12
4	11	15	14	10	37	27	72	259	23	14	14	13
5	12	14	13	9.9	34	24	62	105	79	16	13	13
6	38	14	13	15	64	24	55	67	101	14	12	12
7	15	14	12	14	117	24	52	52	43	14	12	11
8	10	16	12	11	92	23	50	44	33	14	11	15
9	8.7	14	11	11	73	23	48	39	28	13	11	13
10	9.0	13	18	11	60	30	45	38	26	13	13	15
11	9.0	14	16	11	53	25	44	34	24	15	9.6	13
12	9.4	14	13	9.6	47	30	47	31	21	14	11	15
13	9.2	15	16	9.9	43	37	45	29	21	14	10	14
14	17	13	40	10	40	33	35	27	30	15	11	18
15	12	14	24	9.5	37	31	33	26	28	16	12	17
16	8.9	13	17	9.8	35	32	29	25	23	14	12	12
17	13	14	19	9.0	33	33	28	24	22	14	12	15
18	12	13	27	9.2	31	31	27	25	20	14	9.4	23
19	12	13	18	131	31	31	26	25	19	13	11	18
20	11	14	15	107	32	39	26	23	18	13	12	22
21	11	13	13	139	32	100	24	22	18	12	11	43
22	11	14	13	89	28	76	23	23	17	16	9.8	53
23	12	12	27	78	27	59	26	20	16	101	9.4	29
24	13	20	39	184	27	51	23	20	17	34	9.2	23
25	14	34	24	586	26	47	23	20	24	17	12	51
26	12	21	22	156	26	50	23	19	23	16	12	59
27	13	15	17	108	24	51	23	23	18	15	10	41
28	13	13	16	79	24	44	20	35	18	15	15	28
29	15	13	15	64	---	42	20	24	18	14	14	24
30	14	25	14	56	---	387	22	20	16	20	12	21
31	15	---	12	48	---	449	---	19	---	30	10	---
TOTAL	392.2	462	558	2018.9	1203	1936	1332	1198	797	577	372.4	664.7
MEAN	12.7	15.4	18.0	65.1	43.0	62.5	44.4	38.6	26.6	18.6	12.0	22.2
MAX	38	34	40	586	117	449	170	259	101	101	22	59
MIN	8.7	12	11	9.0	24	23	20	19	16	12	9.2	9.7
CFSM	0.38	0.47	0.54	1.97	1.30	1.89	1.34	1.17	0.80	0.56	0.36	0.67
IN.	0.44	0.52	0.63	2.27	1.35	2.18	1.50	1.35	0.90	0.65	0.42	0.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

MEAN	23.5	28.6	40.2	64.1	84.8	89.4	62.5	38.7	27.4	24.9	20.9	18.8
MAX	112	129	164	144	247	213	156	84.9	86.2	98.9	90.9	57.9
(WY)	1990	1993	1984	1996	1990	1990	1982	1984	2001	1999	1992	1989
MIN	7.25	9.28	8.93	11.5	18.9	24.9	15.4	11.4	7.97	8.27	7.72	8.39
(WY)	1988	1988	1989	1981	1986	1988	1986	1986	1988	1986	1988	1986

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1980 - 2002	
ANNUAL TOTAL	16252.2		11511.2			
ANNUAL MEAN	44.5		31.5		43.5	
HIGHEST ANNUAL MEAN					86.2	1990
LOWEST ANNUAL MEAN					12.9	1986
HIGHEST DAILY MEAN	624	Mar 20	586	Jan 25	1840	Jan 27 1996
LOWEST DAILY MEAN	8.7	Oct 9	8.7	Oct 9	4.5	Oct 12 1988
ANNUAL SEVEN-DAY MINIMUM	10	Oct 7	9.6	Jan 12	5.2	Oct 7 1988
MAXIMUM PEAK FLOW			1020	Jan 25	4300	Jul 12 1999
MAXIMUM PEAK STAGE			5.77	Jan 25	8.65	Jul 12 1999
ANNUAL RUNOFF (CFSM)	1.35		0.95		1.31	
ANNUAL RUNOFF (INCHES)	18.27		12.94		17.84	
10 PERCENT EXCEEDS	90		53		82	
50 PERCENT EXCEEDS	24		18		23	
90 PERCENT EXCEEDS	12		11		10	

STATION NUMBER 02395120 TWO RUN CREEK NEAR KINGSTON, GA SOURCE AGENCY USGS STATE 13 COUNTY 015
LATITUDE 341434 LONGITUDE 0845323 NAD83 DRAINAGE AREA 33.10 CONTRIBUTING DRAINAGE AREA 33.10* DATUM 723.10 NGVD29
Date Processed: 2003-03-11 13:38 By acday
APPROVED
DD #2
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.19	1.26	1.28	1.23	1.44	1.26	2.17	1.30	1.22	1.20	1.25	1.16
2	1.20	1.25	1.26	1.22	1.41	1.30	1.86	1.27	1.21	1.19	1.20	1.14
3	1.20	1.26	1.25	1.22	1.38	1.31	1.69	1.28	1.22	1.20	1.18	1.16
4	1.20	1.26	1.25	1.21	1.36	1.29	1.59	2.72	1.25	1.18	1.18	1.17
5	1.21	1.25	1.24	1.21	1.34	1.27	1.53	1.77	1.63	1.20	1.17	1.17
6	1.41	1.25	1.24	1.25	1.53	1.27	1.49	1.56	1.76	1.18	1.16	1.16
7	1.25	1.25	1.23	1.25	1.84	1.26	1.46	1.46	1.40	1.18	1.16	1.15
8	1.21	1.26	1.23	1.22	1.70	1.26	1.45	1.41	1.34	1.18	1.15	1.19
9	1.20	1.25	1.22	1.22	1.59	1.26	1.44	1.38	1.29	1.17	1.15	1.17
10	1.20	1.24	1.28	1.22	1.52	1.32	1.42	1.37	1.28	1.17	1.17	1.19
11	1.20	1.25	1.26	1.22	1.47	1.28	1.41	1.34	1.26	1.19	1.14	1.17
12	1.20	1.25	1.24	1.21	1.43	1.31	1.43	1.32	1.24	1.18	1.15	1.19
13	1.20	1.25	1.26	1.21	1.40	1.37	1.42	1.30	1.24	1.18	1.14	1.18
14	1.27	1.24	1.43	1.21	1.38	1.33	1.35	1.29	1.31	1.19	1.15	1.22
15	1.23	1.25	1.32	1.21	1.37	1.32	1.33	1.29	1.30	1.20	1.16	1.21
16	1.20	1.24	1.27	1.21	1.35	1.33	1.31	1.28	1.25	1.18	1.16	1.16
17	1.24	1.25	1.28	1.20	1.34	1.33	1.30	1.27	1.25	1.18	1.16	1.19
18	1.23	1.24	1.35	1.20	1.32	1.32	1.29	1.27	1.24	1.18	1.14	1.26
19	1.23	1.24	1.28	1.99	1.32	1.32	1.28	1.27	1.22	1.17	1.15	1.22
20	1.23	1.25	1.26	1.81	1.33	1.37	1.28	1.25	1.22	1.17	1.16	1.25
21	1.22	1.24	1.24	2.00	1.33	1.74	1.27	1.24	1.21	1.16	1.15	1.40
22	1.22	1.25	1.24	1.71	1.30	1.61	1.26	1.25	1.21	1.19	1.14	1.47
23	1.23	1.23	1.34	1.65	1.28	1.51	1.28	1.24	1.20	1.77	1.13	1.30
24	1.23	1.29	1.43	2.28	1.29	1.46	1.26	1.24	1.21	1.33	1.13	1.26
25	1.25	1.40	1.33	4.25	1.28	1.43	1.26	1.24	1.26	1.21	1.16	1.44
26	1.23	1.30	1.31	2.07	1.28	1.45	1.25	1.23	1.26	1.20	1.16	1.51
27	1.24	1.26	1.28	1.79	1.27	1.46	1.25	1.25	1.22	1.19	1.14	1.40
28	1.24	1.24	1.27	1.63	1.27	1.41	1.24	1.35	1.21	1.19	1.19	1.32
29	1.26	1.24	1.26	1.54	---	1.40	1.23	1.26	1.22	1.18	1.18	1.28
30	1.25	1.34	1.25	1.49	---	3.37	1.25	1.23	1.20	1.22	1.16	1.26
31	1.26	---	1.23	1.44	---	3.74	---	1.23	---	1.30	1.14	---
MEAN	1.23	1.26	1.28	1.53	1.40	1.51	1.40	1.36	1.28	1.21	1.16	1.25
MAX	1.41	1.40	1.43	4.25	1.84	3.74	2.17	2.72	1.76	1.77	1.25	1.51
MIN	1.19	1.23	1.22	1.20	1.27	1.26	1.23	1.23	1.20	1.16	1.13	1.14

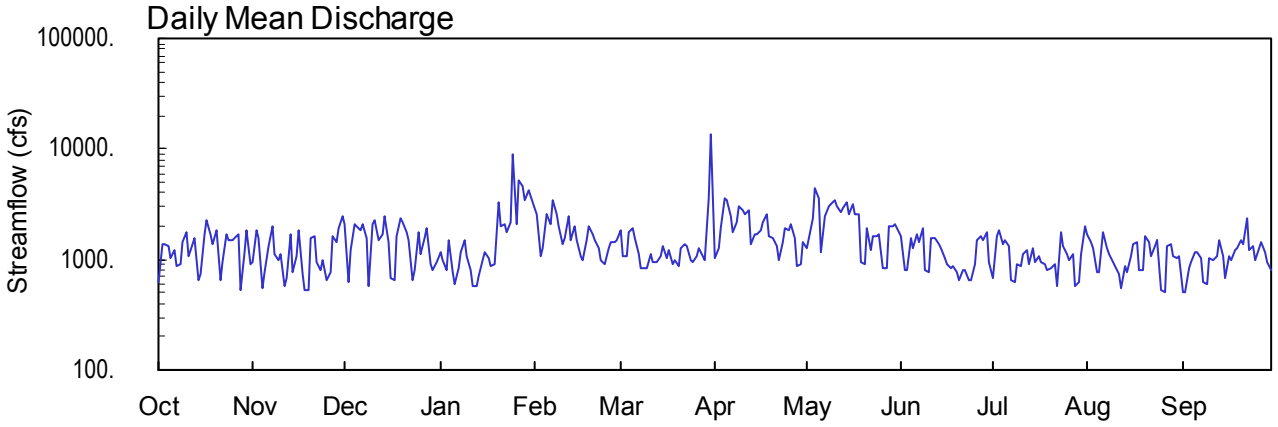
MOBILE RIVER BASIN

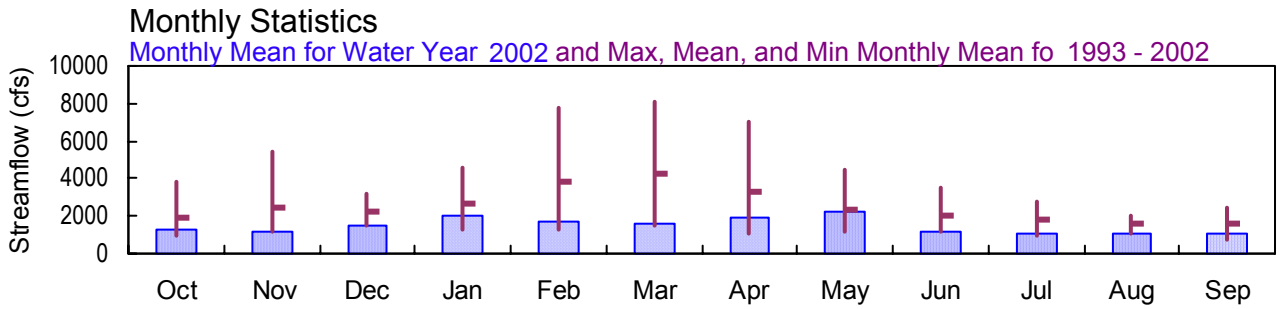
2002 Water Year

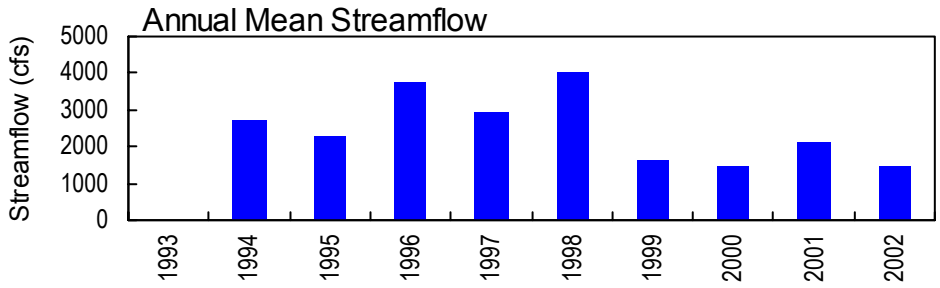
02395980 ETOWAH RIVER AT GA 1 LOOP, NEAR ROME, GA

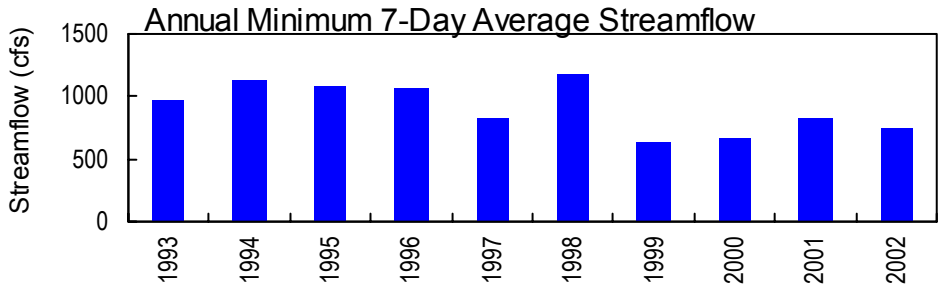
Latitude: 34°13'56" Longitude: 85°07'01" Hydrologic Unit Code: 03150104 Floyd County

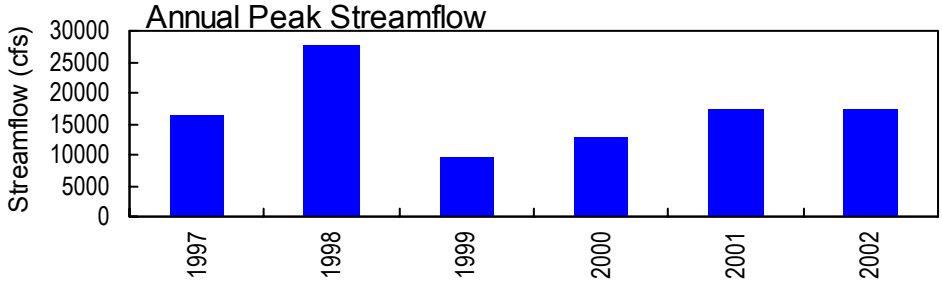
Drainage Area: 1,801. mi^2 Datum: 561.70 feet

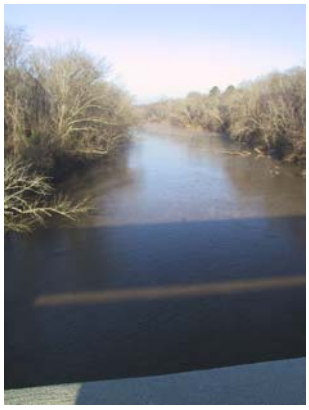












MOBILE RIVER BASIN
2002 Water Year

02395980 ETOWAH RIVER AT GA 1 LOOP, NEAR ROME, GA

LOCATION.—Lat 34°13'56", long 85°07'01" referenced to North American Datum (NAD) of 1927, Floyd County, Hydrologic Unit 03150104, on downstream side of center pier of Loop 1 by-pass bridge, 4.6 miles upstream from Southern Railway bridge and 6.6 miles upstream from confluence with Oostanaula River.

DRAINAGE AREA.—1,801 mi^2.

COOPERATION.—U. S. Army Corp of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July to December 1903; August 1904 to June 1921, published as "near Rome"; October 1938 to September 1994, published as "at Rome" (station 02396000). October 1994 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 561.70 feet above National Geodetic Vertical Datum (NGVD) of 1929. From July 1 to December 31, 1903, a non-recording gage was located at Second Avenue Bridge, 1.0 mile downstream at different datum. From August 17, 1904 to June 30, 1921, a non-recording gage was located at Freemans Ferry, 5.0 miles upstream at different datum. From October 1, 1938 to September 30, 1994, a water-stage recorder was located at Southern Railway Bridge 4.6 miles downstream at same datum.

REMARKS.—Records good, except for those periods of estimated discharge, which are fair. Flow regulated by Allatoona Reservoir since 1949. Statistics prior to regulation are available upon request.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known, December 11, 1919. Flood of April 9, 1938 reached a stage of 37.5 feet, discharge 46,500 ft^3/s, from gage readings and discharge measurements by U.S. Army Corps of Engineers at former site (Southern Railway bridge) and datum.

02395980 ETOWAH RIVER AT GA 1 LOOP, NEAR ROME, GA-continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July to December 1903; August 1904 to June 1921, published as "near Rome"; October 1938 to September 1994, published as "at Rome" (station 02396000). October 1994 to current year

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 561.70 feet above National Geodetic Vertical Datum (NGVD) of 1929. From July 1 to December 31, 1903, a non-recording gage was located at Second Avenue Bridge, 1.0 mile downstream at different datum. From August 17, 1904 to June 30, 1921, a non-recording gage was located at Freemans Ferry, 5.0 miles upstream at different datum. From October 1, 1938 to September 30, 1994, a water-stage recorder was located at Southern Railway Bridge 4.6 miles downstream at same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 27.98 feet, March 31; minimum gage-height recorded, 12.47 feet, September 2, 8.

STATION NUMBER 02395980 ETOWAH RIVER AT GA 1 LOOP, NEAR ROME, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341356 LONGITUDE 0850701 NAD27 DRAINAGE AREA 1801 CONTRIBUTING DRAINAGE AREA 1801* DATUM 561.70 NGVD29
Date Processed: 2003-03-18 15:37 By bemccall
APPROVED
DD #2

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	630	944	2130	1160	2950	1860	5020	1290	1480	563	1720	507
2	1350	1860	622	973	2610	1090	2830	1570	691	1500	1460	500
3	1380	1550	1190	785	1080	1070	2680	2380	673	1750	1240	842
4	1340	544	2070	1480	1280	1790	3920	4260	1460	1230	772	933
5	1030	765	1990	767	2530	1910	3580	3980	1150	1410	766	1160
6	1210	1320	1820	610	2090	1540	2470	1460	1590	1180	1800	1150
7	882	1960	2110	847	3500	1100	1790	2680	1280	553	1280	1020
8	893	1140	1550	1150	2630	833	2170	3510	1820	527	1130	626
9	1440	1000	585	1510	2040	825	3120	3240	675	773	945	596
10	1770	1110	2050	1050	1360	836	2800	3590	646	762	884	1010
11	1080	567	2290	785	1560	1140	2540	3060	1420	974	733	987
12	1390	665	1470	577	2430	946	2810	2730	1430	1070	545	1100
13	1560	1700	1680	570	1480	945	1350	2870	1240	793	864	1470
14	660	760	2510	716	2010	1070	1690	3320	1170	1140	770	1090
15	733	1070	1410	988	1520	1320	1680	2520	902	808	1080	670
16	1710	1850	685	1160	1070	1040	1820	3230	771	958	1370	1080
17	2300	732	653	1040	969	1190	2170	2540	723	835	1440	987
18	1660	530	1630	873	1510	924	2550	2480	764	787	812	1230
19	1400	534	2410	900	1980	1000	1610	828	657	705	794	1280
20	1840	1540	2140	3240	1660	876	1570	793	558	728	1600	1520
21	641	1650	1800	1960	1520	1250	1310	1820	684	790	1450	1400
22	939	952	1480	2070	1250	1390	991	1100	685	481	1090	2380
23	1660	796	663	1800	981	1320	1450	1480	559	1660	1330	1230
24	1470	995	807	2010	899	989	1920	1490	550	1220	1490	1300
25	1490	661	1730	7210	1260	948	1810	1540	772	1020	529	999
26	1530	774	1100	4210	1460	1070	2120	714	1390	847	511	1260
27	1700	1640	1560	5620	1450	1280	1550	716	1490	1000	1300	1450
28	529	1420	1920	5210	1490	1080	865	1840	1390	481	1380	1170
29	1160	1950	909	4520	---	991	894	1860	1670	517	1060	943
30	1870	2550	806	4490	---	3560	1410	1970	833	994	1030	803
31	920	---	948	3850	---	13600	---	1680	---	1970	1050	---
TOTAL	40167	35529	46718	64131	48569	50783	64490	68541	31123	30026	34225	32693
MEAN	1296	1184	1507	2069	1735	1638	2150	2211	1037	969	1104	1090
MAX	2300	2550	2510	7210	3500	13600	5020	4260	1820	1970	1800	2380
MIN	529	530	585	570	899	825	865	714	550	481	511	500
CFSM	0.72	0.66	0.84	1.15	0.96	0.91	1.19	1.23	0.58	0.54	0.61	0.61
IN.	0.83	0.73	0.96	1.32	1.00	1.05	1.33	1.42	0.64	0.62	0.71	0.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

MEAN	1953	2444	2202	2679	3816	4291	3302	2334	2060	1843	1552	1568
MAX	3864	5446	3240	4617	7819	8045	7032	4424	3472	2804	2040	2400
(WY)	1996	1996	1997	1998	1998	1996	1998	1998	1997	1994	1994	1994
MIN	943	1184	1507	1269	1258	1530	1011	1191	1037	926	1104	747
(WY)	2000	2002	2002	2000	2000	2000	1999	2000	2002	2000	2002	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1993 - 2002	
ANNUAL TOTAL	762977		546995			
ANNUAL MEAN	2090		1499		2499	
HIGHEST ANNUAL MEAN					3995	1998
LOWEST ANNUAL MEAN					1491	2000
HIGHEST DAILY MEAN	13400	Mar 21	13600	Mar 31	25900	Feb 4 1998
LOWEST DAILY MEAN	529	Oct 28	481	Jul 22	481	Aug 14 2000
ANNUAL SEVEN-DAY MINIMUM	867	Jan 12	637	Jun 18	635	Sep 17 1999
MAXIMUM PEAK FLOW			17200	Mar 31	36000	Mar 4 1979
MAXIMUM PEAK STAGE			27.98	Mar 31	36.13	Mar 5 1979
ANNUAL RUNOFF (CFSM)	1.16		0.83		1.39	
ANNUAL RUNOFF (INCHES)	15.76		11.30		18.85	
10 PERCENT EXCEEDS	4160		2540		4940	
50 PERCENT EXCEEDS	1690		1280		1820	
90 PERCENT EXCEEDS	807		672		827	

STATION NUMBER 02395980 ETOWAH RIVER AT GA 1 LOOP, NEAR ROME, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341356 LONGITUDE 0850701 NAD27 DRAINAGE AREA 1801 CONTRIBUTING DRAINAGE AREA 1801* DATUM 561.70 NGVD29
Date Processed: 2003-03-18 15:37 By bemccall
APPROVED
DD #1

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.88	13.42	14.65	13.67	15.54	14.40	21.69	13.76	14.08	12.94	14.17	12.67
2	13.78	14.41	13.02	13.43	15.17	13.51	18.34	14.07	13.15	14.07	13.90	12.65
3	13.82	14.08	13.63	13.20	13.53	13.51	16.91	14.93	13.12	14.36	13.65	13.15
4	13.78	12.89	14.64	13.99	13.75	14.38	16.65	16.86	14.05	13.80	13.09	13.27
5	13.41	13.20	14.55	13.18	15.11	14.41	16.15	18.40	13.75	13.98	13.08	13.53
6	13.65	13.84	14.37	13.00	14.65	14.03	15.05	15.43	14.24	13.74	14.26	13.52
7	13.26	14.52	14.67	13.29	16.09	13.52	14.32	16.12	13.90	12.92	13.69	13.37
8	13.26	13.63	14.08	13.63	15.24	13.19	14.72	16.38	14.41	12.87	13.52	12.85
9	13.91	13.46	12.96	14.04	14.61	13.18	15.69	15.82	13.12	13.25	13.29	12.81
10	14.26	13.58	14.56	13.51	13.87	13.19	15.38	16.17	13.08	13.23	13.20	13.36
11	13.46	12.93	14.87	13.21	14.08	13.55	15.12	15.64	13.99	13.49	13.03	13.31
12	13.88	13.04	14.00	12.94	15.02	13.33	15.40	15.30	14.00	13.60	12.74	13.45
13	14.03	14.25	14.23	12.93	13.99	13.35	13.84	15.47	13.80	13.28	13.20	13.86
14	12.93	13.16	15.09	13.10	14.56	13.52	14.21	15.88	13.74	13.74	13.06	13.47
15	13.03	13.53	13.94	13.43	14.03	13.80	14.20	15.12	13.45	13.32	13.44	12.94
16	14.22	14.39	13.12	13.63	13.49	13.47	14.35	15.80	13.27	13.51	13.77	13.48
17	14.85	13.12	13.07	13.49	13.38	13.63	14.70	15.12	13.19	13.34	13.87	13.35
18	14.19	12.86	14.16	13.31	13.97	13.32	15.10	15.08	13.25	13.27	13.16	13.66
19	13.87	12.87	14.98	13.39	14.50	13.42	14.10	13.35	13.09	13.15	13.13	13.73
20	14.29	14.04	14.71	15.84	14.17	13.25	14.07	13.30	12.93	13.19	14.05	13.96
21	12.90	14.20	14.36	14.77	14.02	13.73	13.78	14.42	13.13	13.26	13.88	13.86
22	13.26	13.43	14.01	15.02	13.69	13.89	13.40	13.68	13.13	12.79	13.48	14.97
23	14.14	13.23	13.08	14.40	13.38	13.81	13.92	14.08	12.93	14.21	13.73	13.70
24	13.90	13.46	13.28	14.75	13.28	13.41	14.46	14.09	12.92	13.79	13.92	13.76
25	13.93	13.08	14.28	21.88	13.69	13.35	14.32	14.15	13.26	13.55	12.71	13.41
26	13.99	13.21	13.59	21.05	13.94	13.50	14.62	13.18	13.97	13.33	12.67	13.75
27	14.18	14.18	14.10	21.10	13.93	13.76	14.04	13.18	14.06	13.52	13.70	13.96
28	12.86	13.94	14.47	20.22	13.94	13.52	13.24	14.51	13.95	12.79	13.79	13.64
29	13.56	14.46	13.36	18.59	---	13.41	13.28	14.46	14.24	12.86	13.43	13.34
30	14.42	15.06	13.26	17.05	---	16.03	13.89	14.56	13.33	13.51	13.39	13.15
31	13.36	---	13.42	16.42	---	26.50	---	14.28	---	14.47	13.40	---
MEAN	13.72	13.65	14.02	15.01	14.24	14.09	14.96	14.92	13.55	13.46	13.46	13.46
MAX	14.85	15.06	15.09	21.88	16.09	26.50	21.69	18.40	14.41	14.47	14.26	14.97
MIN	12.86	12.86	12.96	12.93	13.28	13.18	13.24	13.18	12.92	12.79	12.67	12.65

02395996 ETOWAH RIVER AT COOSA VALLEY FAIRGROUNDS, AT ROME, GA

LOCATION.—Lat 34°15'23", long 85°09'02" referenced to North American Datum (NAD) of 1927, Floyd County, Hydrologic Unit 03150104, 6.0 miles upstream from confluence with Oostanaula River, located off of GA 293 on the Coosa Valley Fairgrounds property.

DRAINAGE AREA.—1,819 mi^2.

COOPERATION.—U.S. Army Corp Of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—July to December, 1903, August 1904 to June 1921, October, 1938 to September 1994, October 1994 to current year.

GAGE.—Water-stage recorder. Datum of gage is 584.00 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Station is auxiliary gage for 02395980 Etowah River at GA 1 Loop near Rome, GA. Stages below 4.46 feet were not recorded.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 24.42 feet, March 31.

STATION NUMBER 02395996 ETOWAH RIVER AT COOSA VALLEY F.G., AT ROME, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341523 LONGITUDE 0850902 NAD27 DRAINAGE AREA 1819* CONTRIBUTING DRAINAGE AREA DATUM 584.00 NGVD29
Date Processed: 2003-03-18 15:36 By bemccall
APPROVED
DD #1, ALL GH DATA
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	5.34	7.36	5.79	9.79	7.09	20.64	5.96	6.36	---	6.51	---
2	---	6.89	4.87	5.48	9.23	5.97	17.40	6.62	4.84	6.40	6.07	---
3	6.02	6.59	5.49	5.27	6.70	5.76	15.44	7.83	4.79	6.87	5.67	---
4	6.02	---	7.41	6.19	6.32	6.17	12.76	12.33	6.27	5.96	---	---
5	---	4.90	7.31	5.31	8.24	7.35	10.93	16.69	5.93	6.20	---	---
6	5.84	5.93	6.95	4.84	7.88	6.79	9.27	14.27	6.97	5.81	---	---
7	5.10	6.95	7.25	5.22	10.35	6.02	8.39	14.02	6.65	---	---	---
8	5.02	5.96	6.61	5.97	10.45	5.19	8.47	13.02	7.12	---	---	---
9	6.30	5.39	4.61	6.53	9.20	5.15	9.44	10.63	5.12	---	---	---
10	6.52	5.58	6.80	5.73	7.34	5.15	9.15	10.46	4.95	---	---	---
11	---	---	7.80	5.27	7.00	5.57	8.67	9.95	6.29	5.44	---	---
12	6.20	---	6.52	---	8.30	5.62	8.78	9.39	6.21	5.63	---	---
13	6.50	6.62	6.82	---	6.79	5.59	6.74	9.16	5.90	5.12	---	---
14	---	---	8.22	---	7.35	6.63	7.05	9.71	5.90	5.73	---	---
15	---	---	7.99	---	6.77	7.09	6.80	8.57	5.39	5.30	---	---
16	6.70	6.67	6.75	5.77	6.04	6.41	7.28	9.24	5.10	5.48	---	---
17	7.56	---	5.71	5.51	5.57	6.67	7.53	8.29	4.97	5.19	---	---
18	6.81	---	7.27	5.34	6.20	5.99	7.90	8.13	5.02	5.06	---	---
19	6.32	---	8.40	5.81	7.17	5.94	6.97	5.64	4.76	---	4.78	5.84
20	6.78	6.17	8.17	10.38	6.89	5.64	6.53	5.70	---	4.91	6.31	6.24
21	---	6.54	7.25	11.50	6.57	7.38	6.16	7.20	---	5.19	---	6.07
22	---	5.43	6.87	12.05	6.13	8.83	5.34	5.99	---	---	---	8.69
23	6.72	4.95	5.02	10.39	5.72	8.21	6.12	6.51	---	---	---	8.31
24	6.16	5.37	5.26	10.99	5.31	6.68	7.21	6.51	---	5.87	---	6.56
25	---	4.84	6.81	19.81	5.70	6.14	6.96	6.55	---	5.48	---	5.61
26	6.02	4.96	5.96	20.15	6.35	6.21	7.30	5.01	6.10	---	---	6.72
27	6.83	6.50	6.57	19.56	6.29	6.62	6.49	5.03	6.29	---	---	8.66
28	---	6.52	7.15	18.55	6.30	6.37	5.18	7.12	6.14	---	---	8.13
29	---	7.01	5.79	16.39	---	6.01	5.21	7.07	6.56	---	---	6.76
30	7.01	7.89	5.26	12.45	---	10.49	6.18	7.16	5.15	---	---	5.55
31	5.41	---	5.37	11.08	---	23.19	---	6.73	---	7.01	---	---
MEAN	---	---	6.63	---	7.21	7.03	8.61	8.60	---	---	---	---
MAX	---	---	8.40	---	10.45	23.19	20.64	16.69	---	---	---	---
MIN	---	---	4.61	---	5.31	5.15	5.18	5.01	---	---	---	---

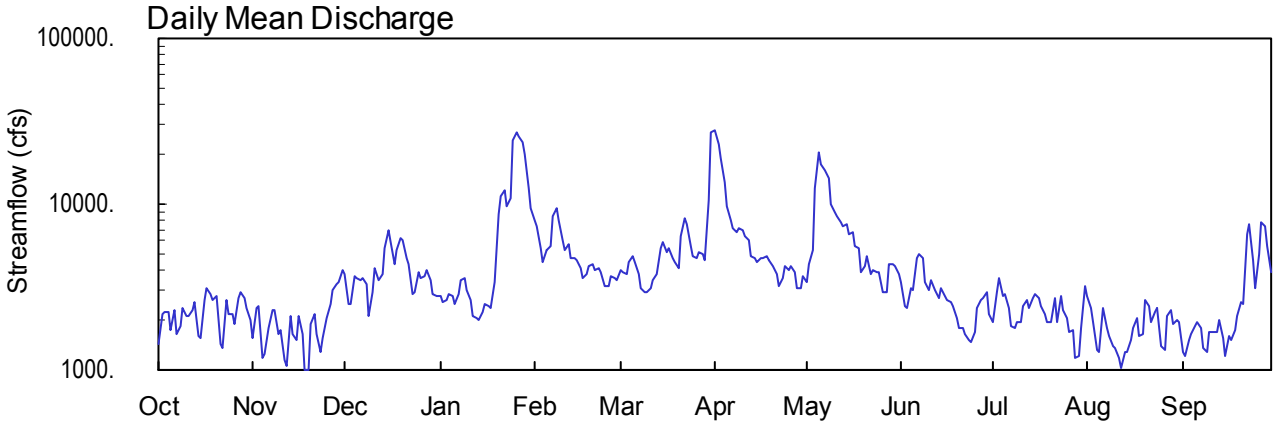
MOBILE RIVER BASIN

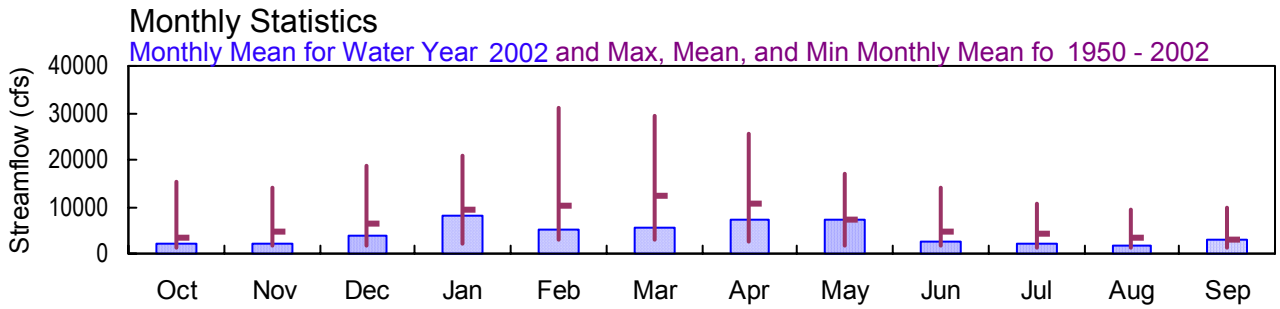
2002 Water Year

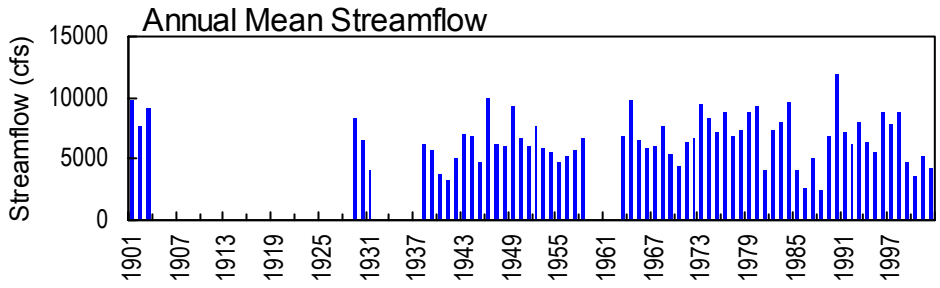
02397000 COOSA RIVER NEAR ROME, GA

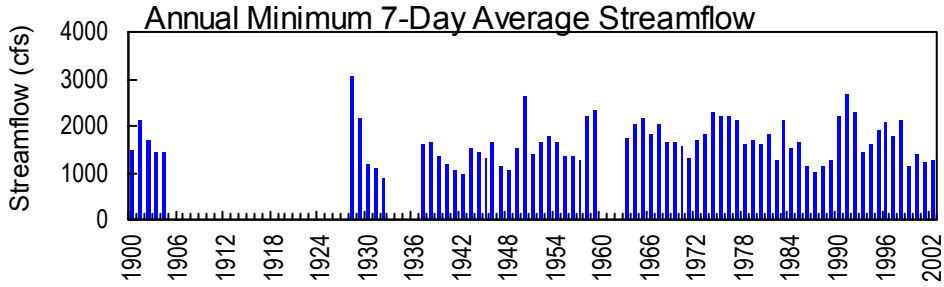
Latitude: 34°12'01" Longitude: 85°15'24" Hydrologic Unit Code: 03150105 Floyd County

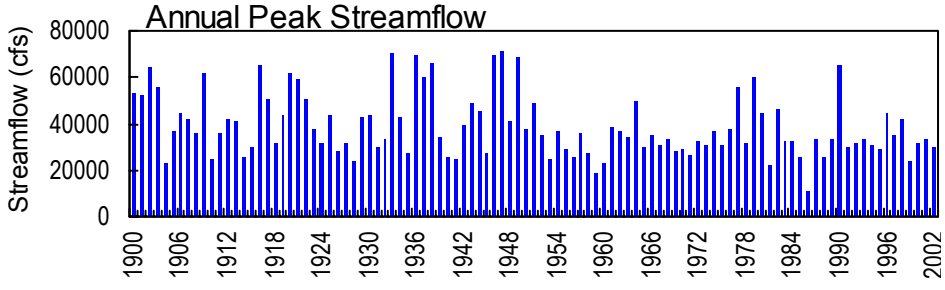
Drainage Area: 4,040. mi^2 Datum: 553.05 feet











02397000 - Coosa River near Rome, GA

MOBILE RIVER BASIN
2002 Water Year

02397000 COOSA RIVER NEAR ROME, GA

LOCATION.—Lat 34°12'01", long 85°15'24" referenced to North American Datum (NAD) of 1927, Floyd County, Hydrologic Unit 03150105, on left bank attached to left lock wall of Mayo's Bar lock near upstream end, 1.5 miles upstream from Webb Creek, 6.0 miles southwest of Rome, 7.5 miles downstream from confluence of Oostanaula and Etowah Rivers, and at mile 278.6.

DRAINAGE AREA.—4,040 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District, Georgia Geologic Survey, Georgia Power, Alabama Power.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1896 to December 1903 (published as "at Rome"), June 1928 to December 1931, March 1937 to December 1958, October 1962 to current year. Water years 1959-62 (annual maximum only).

REVISED RECORDS.—WSP 1674, 1906: 1959(M) WDR GA-90-1: 1937-38(M), 1946(P), 1947(M), 1949(M), WDR GA-92-1: 1981.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 553.05 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Corps of Engineers). From January 1, 1897, to December 31, 1903, a non-recording gage was located at site 7.5 miles upstream at datum 8.65 feet higher. From June 21, 1928, to December 31, 1931, and March 10, 1937 to December 31, 1958, a water-stage recorder was located at site 200 feet downstream at same datum. The station 02388525 Oostanaula River at US 27, at Rome, has been used as an auxiliary gage since 1963.

REMARKS.—Records good. Flow regulated by Allatoona Reservoir since December 1949 and by Carters Lake and Carters re-regulation Reservoir since November 1974.

EXTREMES OUTSIDE PERIOD OF RECORD.—Maximum stage known since at least 1834, 40.3 feet at site and datum at Rome, equivalent to about 43 feet at present site, from gage-height relation, April 1, 1886, discharge, 100,000 ft^3/s, from rating curve extended above 63,000 ft^3/s on basis of peak flow at Gadsden, AL.

02397000 COOSA RIVER NEAR ROME, GA–continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.—October 1896 to December 1903 (published as "at Rome"), June 1928 to December 1931, March 1937 to December 1958, October 1962 to current year. Water years 1959-62 (annual maximum only). Gage-height records collected at same site for period 1922-49 are contained in reports of National Weather Service.

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 553.05 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Corps of Engineers). From January 1, 1897, to December 31, 1903, a non-recording gage was located at site 7.5 miles upstream at datum 8.65 feet higher. From June 21, 1928, to December 31, 1931, and March 10, 1937 to December 31, 1958, a water-stage recorder was located at site 200 feet downstream at same datum. The station 02388525 Oostanaula River at US 27, at Rome, has been used as an auxiliary gage since 1963.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 25.20 feet, March 31; minimum gage-height recorded, 10.57 feet, August 11.

PRECIPITATION RECORDS

PERIOD OF RECORD.—December 14, 2000 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341201 LONGITUDE 0851524 NAD27 DRAINAGE AREA 4040.00 CONTRIBUTING DRAINAGE AREA 4040* DATUM 553.05 NGVD29
Date Processed: 2003-03-11 13:42 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1420	1540	3780	2830	8030	e4040	27700	3420	3350	1960	2780	1300
2	2170	2340	2500	2590	7320	e3900	22800	4300	2430	2920	2340	1230
3	2250	2400	2470	2610	5390	e3800	19000	5350	2340	3560	1950	1530
4	2220	1190	3650	2860	4440	4450	13600	12500	3100	2810	1330	1640
5	1760	1250	3600	2800	5330	4870	9790	20400	3000	2840	1290	e1840
6	2300	1800	3500	2510	5610	4500	7950	17200	4710	2370	2380	e1970
7	1650	2290	3550	2890	8360	3840	7110	16200	4960	1840	1800	1770
8	1820	2320	3280	3480	9380	3090	6860	14400	4740	1770	1620	1350
9	2360	1650	2090	3550	8070	2970	7190	10000	3360	1920	1400	1270
10	2140	1720	2930	3030	6090	2920	7060	9050	3050	1960	1370	1680
11	2140	1150	4140	2630	5250	3160	6400	8530	3530	2400	e1180	1700
12	2270	1060	3530	2120	5780	3450	6030	7690	3030	2610	e1020	1680
13	2590	2140	3740	2060	4730	e3770	4840	7460	2720	2380	e1270	1990
14	1600	1630	5470	2020	4700	5410	4780	7590	3140	2680	1280	1550
15	1540	1520	6900	2250	4560	5950	4450	6540	2790	2890	1520	1220
16	2660	2130	5880	2530	4070	5130	4750	6740	2660	2690	1780	1600
17	3080	1640	4350	2430	3570	5380	4790	5550	2540	2420	2040	1530
18	2880	1010	5350	2390	3740	4670	4850	5360	2450	2180	1600	1730
19	2640	1000	6270	3400	4290	4420	4580	3890	2040	1970	1650	2110
20	2780	1890	6050	8780	4300	4130	e4230	4210	1810	1950	2620	2550
21	1440	2180	4770	11300	4040	6460	3800	4840	1770	2710	2420	2500
22	1350	1660	4370	12200	4080	8250	3240	3830	1660	1970	1950	6640
23	2670	1300	2850	9820	e3920	7520	3540	3950	1520	2820	2210	7480
24	2160	e1580	2920	10800	e3190	5650	4220	3900	1490	2300	2340	4580
25	2200	e2060	3850	24500	3180	4850	4050	3880	1700	2040	1390	3140
26	1900	e2530	3610	26900	3680	4740	4250	2980	2390	1700	1320	4930
27	2690	e3010	3690	25500	3600	5140	3850	2950	2640	1740	2090	7740
28	e2940	3320	3970	23700	3520	4960	3150	4410	2690	1180	2270	7270
29	e2690	3370	3530	19800	---	4570	3130	4300	2990	1220	1900	5620
30	e2340	4020	2850	12500	---	10500	3710	4210	2200	1810	2000	3870
31	2010	---	2760	9520	---	27500	---	3830	---	3180	1930	---
TOTAL	68660	58700	122200	246300	142220	173990	215700	219460	82800	70790	56040	87010
MEAN	2215	1957	3942	7945	5079	5613	7190	7079	2760	2284	1808	2900
MAX	3080	4020	6900	26900	9380	27500	27700	20400	4960	3560	2780	7740
MIN	1350	1000	2090	2020	3180	2920	3130	2950	1490	1180	1020	1220
CFSM	0.55	0.48	0.98	1.97	1.26	1.39	1.78	1.75	0.68	0.57	0.45	0.72
IN.	0.63	0.54	1.13	2.27	1.31	1.60	1.99	2.02	0.76	0.65	0.52	0.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2002, BY WATER YEAR (WY)

MEAN	3497	4720	6493	9271	10360	12160	10530	7293	4680	4052	3364	3094
MAX	15440	14130	18640	20980	31130	29220	25730	16880	13970	10450	9360	9956
(WY)	1990	1978	1984	1974	1990	1990	1964	1964	1973	1989	1984	1950
MIN	1472	1665	1881	1922	2912	3115	2544	1651	1513	1341	1333	1410
(WY)	1989	1988	1988	1956	2000	1988	1986	1988	1988	1986	1986	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1950 - 2002	
ANNUAL TOTAL	1870590		1543870			
ANNUAL MEAN	5125		4230		6617	
HIGHEST ANNUAL MEAN					11880	1990
LOWEST ANNUAL MEAN					2509	1988
HIGHEST DAILY MEAN	32700	Mar 21	27700	Apr 1	64200	Mar 18 1990
LOWEST DAILY MEAN	1000	Nov 19	1000	Nov 19	907	Oct 14 1988
ANNUAL SEVEN-DAY MINIMUM	1520	Nov 18	1290	Aug 9	1020	Oct 2 1986
MAXIMUM PEAK FLOW			30300	Mar 31	65500	Mar 18 1990
MAXIMUM PEAK STAGE			25.20	Mar 31	35.97	Mar 18 1990
ANNUAL RUNOFF (CFSM)	1.27		1.05		1.64	
ANNUAL RUNOFF (INCHES)	17.22		14.22		22.25	
10 PERCENT EXCEEDS	9850		7550		14400	
50 PERCENT EXCEEDS	3670		2990		4350	
90 PERCENT EXCEEDS	1890		1570		1940	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341201 LONGITUDE 0851524 NAD27 DRAINAGE AREA 4040.00 CONTRIBUTING DRAINAGE AREA 4040* DATUM 553.05 NGVD29
Date Processed: 2003-03-11 13:42 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.98	11.06	12.20	11.80	13.99	---	24.01	12.06	12.03	11.34	11.75	10.88
2	11.42	11.52	11.64	11.68	13.69	---	21.31	12.44	11.60	11.82	11.52	10.82
3	11.49	11.58	11.62	11.69	12.90	---	19.31	12.88	11.56	12.13	11.31	11.04
4	11.47	10.78	12.16	11.80	12.50	12.51	16.54	15.98	11.91	11.78	10.90	11.12
5	11.20	10.83	12.15	11.78	12.87	12.68	14.71	19.98	11.87	11.79	10.87	---
6	11.52	11.22	12.10	11.65	12.99	12.52	13.95	18.46	12.61	11.57	11.52	---
7	11.14	11.52	12.11	11.83	14.13	12.25	13.60	17.91	12.72	11.27	11.21	11.20
8	11.25	11.51	12.00	12.09	14.55	11.92	13.50	17.02	12.62	11.22	11.10	10.91
9	11.55	11.12	11.42	12.12	14.01	11.87	13.64	14.81	12.04	11.31	10.94	10.85
10	11.41	11.17	11.81	11.88	13.18	11.84	13.58	14.41	11.90	11.34	10.92	11.13
11	11.40	10.75	12.38	11.70	12.84	11.95	13.31	14.19	12.11	11.58	---	11.15
12	11.51	10.67	12.11	11.44	13.06	12.08	13.16	13.85	11.88	11.69	---	11.13
13	11.67	11.42	12.20	11.40	12.62	---	12.67	13.75	11.74	11.57	---	11.30
14	11.11	11.10	12.92	11.38	12.61	12.91	12.65	13.80	11.93	11.72	10.86	11.05
15	11.07	11.02	13.52	11.50	12.55	13.12	12.51	13.37	11.78	11.83	11.02	10.81
16	11.70	11.39	13.10	11.64	12.35	12.79	12.63	13.45	11.72	11.73	11.17	11.09
17	11.90	11.09	12.47	11.59	12.13	12.90	12.65	12.96	11.66	11.60	11.34	11.04
18	11.82	10.62	12.88	11.57	12.21	12.60	12.67	12.88	11.62	11.47	11.10	11.17
19	11.70	10.61	13.26	12.02	12.44	12.50	12.56	12.27	11.39	11.34	11.14	11.41
20	11.74	11.22	13.16	14.30	12.44	12.37	---	12.41	11.25	11.33	11.67	11.64
21	10.99	11.45	12.64	15.34	12.33	13.34	12.23	12.67	11.22	11.74	11.56	11.62
22	10.92	11.14	12.47	15.72	12.35	14.08	11.99	12.24	11.15	11.34	11.32	13.41
23	11.71	10.87	11.81	14.73	---	13.78	12.12	12.30	11.05	11.76	11.45	13.76
24	11.42	---	11.84	15.17	---	13.01	12.41	12.27	11.03	11.52	11.52	12.56
25	11.45	---	12.25	21.83	11.96	12.68	12.34	12.27	11.17	11.37	10.95	11.94
26	11.28	---	12.15	23.24	12.18	12.63	12.42	11.87	11.55	11.16	10.90	12.70
27	11.68	---	12.18	22.46	12.15	12.80	12.25	11.86	11.68	11.18	11.37	13.87
28	---	12.02	12.30	21.55	12.11	12.72	11.95	12.49	11.71	10.77	11.48	13.67
29	---	12.02	12.11	19.75	---	12.56	11.94	12.44	11.85	10.81	11.29	12.99
30	---	12.31	11.81	15.94	---	15.18	12.19	12.40	11.48	11.22	11.35	12.26
31	11.31	---	11.77	14.60	---	23.60	---	12.24	---	11.94	11.30	---
MEAN	---	---	12.28	14.10	---	---	---	13.68	11.73	11.49	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341201 LONGITUDE 0851524 NAD27 DRAINAGE AREA 4040.00 CONTRIBUTING DRAINAGE AREA 4040* DATUM 553.05 NGVD29
Date Processed: 2003-03-11 13:42 By acday
APPROVED
DD #8, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	2.06	0.05	0.00
3	0.00	0.00	0.00	0.00	0.01	0.10	0.00	0.84	0.00	0.22	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.05	0.00	0.00	0.00
5	0.07	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.54	0.00	0.00	0.00
6	1.42	0.00	0.00	0.70	1.19	0.00	0.00	0.00	0.22	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	---	0.02	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.01	---	0.04	0.67	0.00	0.00	0.00	0.00
10	0.00	0.00	0.70	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.03	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00
12	0.03	0.00	0.00	0.00	0.00	---	0.21	0.06	0.00	0.01	0.00	0.00
13	0.24	0.00	0.35	0.00	0.00	0.02	0.00	0.00	0.00	0.56	0.00	0.22
14	0.22	0.00	0.69	0.00	0.00	0.00	0.00	0.00	1.50	0.09	0.20	0.10
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
16	0.00	0.00	0.00	0.00	0.00	0.19	0.01	0.00	0.00	0.00	0.21	0.00
17	0.00	0.00	0.52	0.01	0.00	0.00	0.00	0.94	0.00	0.00	0.01	0.01
18	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.43
19	0.00	0.00	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.19	0.43	0.01
20	0.00	0.01	0.00	0.00	0.32	0.87	---	0.00	0.11	0.00	0.00	0.82
21	0.00	0.00	0.00	0.52	0.00	0.21	---	0.00	0.00	0.14	0.00	1.52
22	0.00	0.00	0.00	0.36	0.00	0.00	---	0.00	0.00	0.00	0.12	0.88
23	0.00	0.30	0.54	0.20	0.00	0.00	---	0.00	0.09	0.01	0.00	0.00
24	0.00	1.03	0.00	2.23	0.00	0.00	---	0.00	0.00	0.00	0.00	0.01
25	0.16	0.77	0.00	0.02	0.00	0.00	---	0.00	0.03	0.00	0.00	1.83
26	0.00	0.00	0.00	0.01	0.08	0.43	---	0.00	0.02	0.00	0.06	0.36
27	0.00	0.00	0.00	0.00	0.00	0.00	---	1.15	0.20	0.00	0.21	0.05
28	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.30	0.00
29	0.00	0.52	0.00	0.00	---	0.00	---	0.00	0.03	0.00	0.00	0.00
30	0.00	0.27	0.00	0.00	---	4.14	---	0.22	0.02	2.43	0.00	0.00
31	0.00	---	0.00	0.00	---	0.21	---	0.00	---	0.07	0.00	---
TOTAL	2.14	2.90	2.80	6.22	1.96	---	---	5.57	2.82	5.78	1.60	6.28

MOBILE RIVER BASIN
2002 Water Year

02397000 COOSA RIVER NEAR ROME, GA

LOCATION.—Lat 34°12'01", long 85°15'24" referenced to North American Datum (NAD) of 1927, Floyd County, Hydrologic Unit 03150105, on left bank attached to left lock wall of Mayo's Bar lock near upstream end, 1.5 miles upstream from Webb Creek, 6.0 miles southwest of Rome, 7.5 miles downstream from confluence of Oostanaula and Etowah Rivers, and at mile 278.6.

DRAINAGE AREA.—4,040 mi^2, approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District, Georgia Geologic Survey, Georgia Power, Alabama Power.

PERIOD OF RECORD.—March 1968 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—
WATER TEMPERATURE: February 1986 to September 1987, April 1988 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records good.

EXTREMES FOR PERIOD OF DAILY RECORD.—
WATER TEMPERATURE: Maximum recorded, 31.0 °C, July 19, 21, 1986; minimum recorded, 1.5 °C, February 5, 1996.

EXTREMES FOR CURRENT YEAR.—
WATER TEMPERATURE: Maximum, 30.4 °C, August 27; minimum, 4.6 °C, January 4.

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341201 LONGITUDE 0851524 NAD27 DRAINAGE AREA 4040.00 CONTRIBUTING DRAINAGE AREA 4040 DATUM 553.05 NGVD29
Date Processed: 2003-03-13 16:10 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.8	19.0	19.1	14.5	13.5	14.0	15.9	14.9	15.3	6.6	5.7	6.0
2	19.3	18.8	18.9	16.5	14.2	15.1	15.3	14.2	14.7	5.8	5.2	5.4
3	20.5	18.9	19.4	17.7	15.9	16.6	14.2	13.4	13.7	5.7	5.0	5.4
4	20.8	19.6	20.3	17.5	16.1	16.7	13.5	13.0	13.2	5.4	4.6	4.9
5	20.8	19.8	20.2	16.2	15.5	15.9	13.4	13.1	13.2	5.4	5.0	5.2
6	20.3	19.6	20.0	15.5	14.8	15.2	14.1	13.1	13.4	6.0	5.2	5.7
7	19.6	---	---	15.0	14.3	14.6	14.8	13.5	13.9	6.2	5.9	6.1
8	18.0	17.1	17.6	14.9	14.4	14.6	15.2	14.4	14.8	6.3	5.9	6.1
9	17.3	16.9	17.1	14.4	13.9	14.2	15.1	14.6	14.8	6.3	5.7	6.0
10	18.4	16.9	17.3	14.4	13.6	14.0	14.7	13.6	14.2	6.8	6.0	6.5
11	19.0	18.4	18.8	---	---	---	13.7	13.3	13.5	8.1	6.7	7.7
12	20.0	18.7	19.2	13.8	13.2	13.5	13.4	13.2	13.3	8.1	7.5	7.9
13	21.1	19.7	20.2	13.7	13.1	13.3	13.7	13.2	13.4	7.5	7.1	7.2
14	21.0	20.5	20.7	13.6	12.9	13.3	14.5	13.4	13.9	7.1	6.9	7.0
15	20.6	19.7	20.3	13.3	12.8	13.0	14.2	13.5	13.7	7.4	6.9	7.2
16	19.7	18.7	19.2	13.6	12.3	12.9	13.5	13.1	13.3	7.5	6.9	7.2
17	18.7	17.4	17.8	13.7	13.0	13.4	---	---	---	7.3	6.8	7.0
18	17.4	16.6	17.0	13.3	12.6	13.0	13.5	13.1	13.3	7.7	6.8	7.5
19	16.9	16.3	16.6	13.3	12.4	12.8	13.1	12.3	12.6	9.3	7.6	8.3
20	18.3	16.0	17.1	14.0	12.8	13.3	12.6	11.5	12.1	9.2	8.5	8.7
21	17.8	17.0	17.3	14.0	12.8	13.2	11.5	10.5	10.9	8.8	8.5	8.6
22	18.1	17.0	17.5	13.3	12.0	12.5	10.5	9.9	10.1	8.5	8.2	8.4
23	18.6	17.6	18.2	12.4	11.7	12.1	9.9	9.6	9.7	9.2	8.4	8.8
24	19.5	18.3	18.7	---	---	---	9.7	8.9	9.3	10.7	9.2	9.8
25	19.7	18.6	19.2	---	---	---	8.9	8.0	8.3	11.1	10.7	11.1
26	19.2	17.4	18.1	---	---	---	8.1	6.8	7.3	11.2	10.6	10.9
27	17.4	15.5	16.3	---	---	---	6.9	6.1	6.5	10.6	9.6	10.1
28	15.5	13.8	14.7	---	---	---	7.0	6.3	6.6	9.7	9.3	9.5
29	12.8	12.9	13.4	---	---	---	8.2	7.0	7.6	10.0	9.3	9.6
30	13.2	12.8	13.0	16.3	15.9	16.1	7.2	6.9	7.0	10.9	10.0	10.4
31	14.7	12.9	14.3	---	---	---	7.3	6.5	6.8	---	---	---
MONTH	21.1	12.8	17.9	17.7	11.7	14.1	15.9	6.1	11.7	11.2	4.6	7.7

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341201 LONGITUDE 0851524 NAD27 DRAINAGE AREA 4040.00 CONTRIBUTING DRAINAGE AREA 4040 DATUM 553.05 NGVD29
Date Processed: 2003-03-13 16:10 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	11.1	11.6	8.2	7.5	7.9	---	---	---	18.8	18.3	18.5
2	11.9	11.0	11.3	8.3	7.9	8.1	---	---	---	19.2	18.2	18.6
3	11.2	10.1	10.6	8.4	8.1	8.3	15.7	15.4	15.5	19.3	18.6	18.9
4	10.1	9.5	9.7	8.2	7.3	7.7	15.5	14.1	14.8	18.6	16.5	17.4
5	9.6	8.1	8.8	7.9	6.9	7.3	14.1	13.3	13.7	17.2	16.5	16.9
6	8.1	7.1	7.6	8.2	7.4	7.8	14.0	13.1	13.4	17.6	17.2	17.3
7	7.3	7.0	7.2	9.4	8.2	8.8	13.8	13.4	13.6	18.5	17.5	18.1
8	7.3	6.8	7.1	10.4	9.4	9.8	14.5	13.7	14.0	18.5	17.8	18.2
9	7.9	7.1	7.5	11.8	10.4	11.2	15.3	14.5	14.9	19.2	18.2	18.7
10	9.2	7.9	8.5	11.9	11.5	11.7	16.3	14.8	15.3	19.0	18.0	18.6
11	9.7	9.1	9.3	11.6	11.2	11.4	16.4	15.9	16.0	19.3	17.9	18.8
12	9.8	9.2	9.5	12.2	11.5	11.8	16.3	15.5	16.0	19.4	18.4	19.1
13	9.5	9.0	9.3	11.7	11.5	11.6	16.2	15.2	15.7	19.6	18.6	19.3
14	9.5	8.7	9.2	12.7	11.6	12.0	17.3	15.8	16.5	19.5	17.5	18.4
15	9.6	9.1	9.3	13.3	12.5	12.8	18.3	17.2	17.6	18.9	17.0	18.3
16	10.3	9.5	9.8	14.4	13.2	13.7	18.9	18.3	18.6	18.8	17.5	18.2
17	10.3	9.9	10.1	16.4	14.4	15.3	19.5	18.2	18.9	19.5	17.9	18.8
18	10.2	9.7	9.9	17.1	16.3	16.7	20.4	17.9	19.4	19.9	18.8	19.5
19	10.5	9.8	10.0	17.4	17.1	17.2	20.7	18.3	19.7	19.2	18.3	18.6
20	10.6	9.7	10.1	17.4	17.2	17.3	---	---	---	18.5	17.8	18.1
21	11.3	10.3	10.8	17.3	16.1	16.6	---	---	---	18.2	17.5	17.9
22	---	---	---	16.1	14.3	15.1	---	---	---	18.0	17.5	17.8
23	11.1	10.3	10.6	14.3	13.0	13.4	---	---	---	18.8	17.6	18.0
24	10.6	10.1	10.3	13.1	12.2	12.6	---	---	---	19.4	18.3	18.8
25	---	---	---	13.4	12.4	12.8	---	---	---	20.0	19.1	19.5
26	---	---	---	14.5	13.4	13.9	---	---	---	21.0	19.9	20.4
27	---	---	---	14.5	13.9	14.2	---	---	---	21.5	21.0	21.2
28	8.9	7.7	8.2	14.2	13.3	13.8	---	---	---	22.4	21.2	21.6
29	---	---	---	14.6	13.9	14.1	---	---	---	22.3	21.1	21.8
30	---	---	---	15.4	14.6	15.1	---	---	---	22.2	20.7	21.7
31	---	---	---	---	---	---	---	---	---	22.5	21.3	22.1
MONTH	12.0	6.8	9.4	17.4	6.9	12.3	20.7	13.1	16.1	22.5	16.5	19.0

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 115
LATITUDE 341201 LONGITUDE 0851524 NAD27 DRAINAGE AREA 4040.00 CONTRIBUTING DRAINAGE AREA 4040 DATUM 553.05 NGVD29
Date Processed: 2003-03-13 16:10 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.2	22.3	22.8	26.3	24.4	25.6	26.5	24.1	25.6	25.7	25.1	25.3
2	24.7	23.2	24.1	---	25.7	---	26.8	25.2	26.0	26.4	25.2	25.8
3	25.6	24.7	25.3	26.4	24.2	25.2	27.2	25.9	26.5	26.6	25.7	26.1
4	26.1	25.5	25.9	25.5	24.3	25.0	28.4	26.0	27.2	27.1	26.0	26.6
5	26.1	24.9	25.7	26.0	25.1	25.6	29.4	27.1	28.0	27.1	26.3	26.7
6	25.1	24.3	24.7	26.6	25.8	26.2	27.8	---	---	27.0	26.3	26.7
7	24.8	24.0	24.2	27.3	25.9	26.7	27.0	24.7	26.2	26.7	25.8	26.3
8	24.5	23.9	24.2	28.0	---	---	26.7	24.8	25.7	26.5	25.6	26.2
9	24.7	24.2	24.4	27.8	---	---	27.0	25.1	26.1	26.3	25.5	25.9
10	24.6	24.1	24.3	28.1	---	---	26.9	25.4	26.1	25.8	25.0	25.4
11	25.0	24.0	24.4	27.6	26.6	27.2	27.2	25.0	26.1	25.5	25.0	25.3
12	25.0	24.0	24.5	26.9	25.2	26.1	28.2	25.3	26.6	25.6	24.8	25.3
13	24.9	24.1	24.5	25.3	23.8	24.7	27.1	25.8	26.4	25.3	24.5	24.9
14	25.4	24.1	24.8	24.4	23.8	24.1	27.2	25.4	26.2	24.9	24.1	24.6
15	24.1	23.2	23.6	25.4	24.2	24.8	26.5	25.3	25.9	24.6	24.1	24.4
16	23.4	22.6	23.0	25.8	25.4	25.7	26.4	25.3	25.7	24.4	23.8	24.1
17	23.1	22.6	22.8	26.6	25.8	26.3	26.1	25.1	25.6	24.9	23.9	24.6
18	23.7	23.0	23.5	27.6	26.4	27.1	27.3	25.4	26.4	25.2	24.5	24.9
19	24.5	23.6	24.1	28.1	27.0	27.6	26.9	25.9	26.4	24.9	24.4	24.7
20	25.5	24.2	25.0	27.9	27.1	27.5	26.6	25.7	26.2	24.8	24.2	24.6
21	26.0	25.0	25.5	28.0	27.2	27.8	26.7	25.3	26.1	25.1	24.7	24.9
22	26.1	24.9	25.6	28.0	27.0	27.5	27.2	25.8	26.5	25.0	23.9	24.3
23	25.7	24.7	25.1	27.2	26.7	27.0	27.2	26.2	26.7	23.9	23.4	23.6
24	26.4	25.0	25.6	26.8	25.1	26.1	27.7	26.4	27.1	23.4	23.0	23.2
25	26.8	25.8	26.3	26.3	25.3	25.8	27.6	26.4	27.0	23.2	22.0	22.7
26	25.9	24.7	25.3	26.2	25.4	25.9	27.8	26.8	27.2	22.0	20.9	21.3
27	25.0	23.1	24.1	27.1	25.5	26.2	26.9	25.5	26.3	21.2	20.9	21.1
28	24.9	23.0	24.0	29.8	25.8	27.7	25.9	24.8	25.5	21.8	21.0	21.4
29	24.5	22.5	23.6	30.4	27.4	28.6	25.1	24.1	24.8	22.0	21.7	21.8
30	25.4	23.5	24.7	29.1	27.7	28.4	25.0	24.1	24.7	22.2	22.0	22.1
31	---	---	---	28.5	26.3	27.1	25.5	24.8	25.2	---	---	---
MONTH	26.8	22.3	24.5	30.4	23.8	26.4	29.4	24.1	26.2	27.1	20.9	24.5
YEAR	30.4	4.6	17.7									

02397530 COOSA RIVER AT STATE LINE, AL/GA
(Previously published as 02397530 Coosa River near Coosa, GA)

LOCATION.--Lat 34°11'54", long 85°26'46" referenced to North American Datum (NAD) of 1927, Floyd County, GA-Cherokee County, AL, Hydrologic Unit 03150105, 6.5 miles southwest of Coosa, and at mile 254.8.

DRAINAGE AREA.--4,360 mi^2, approximately.

COOPERATION.—Georgia Environmental Protection Division.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 9, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362* DATUM 555.00 NGVD29
Date Processed: 2003-03-17 09:39 By bemccall
APPROVED
DD #7, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.18	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.33	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.22	0.00	0.83	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.89	0.05	0.00	0.00	0.00
5	0.07	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.32	0.00	0.00	0.00
6	1.64	0.00	0.00	0.56	1.22	0.00	0.00	0.02	0.00	0.00	0.12	0.00
7	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	---
8	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.01	0.00	0.00	---
9	0.00	0.00	0.00	0.00	0.00	0.12	0.02	0.58	0.00	0.00	0.00	---
10	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
11	0.00	0.00	0.00	0.04	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
12	0.17	0.00	0.00	0.00	0.00	---	0.50	0.01	0.00	0.06	0.00	0.00
13	0.41	0.00	0.53	0.00	0.00	---	0.00	0.02	0.00	1.01	0.00	0.28
14	0.55	0.00	0.85	0.00	0.00	---	0.00	0.00	0.85	0.02	0.05	0.23
15	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.08	0.01
16	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.19	0.00
17	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.21
18	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.40
19	0.00	0.00	0.00	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.04	0.00	0.00	0.41	0.99	0.00	0.01	0.00	0.00	0.03	0.56
21	0.00	0.00	0.00	0.80	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.76
22	0.00	0.00	0.00	0.24	0.00	0.00	0.17	0.00	0.00	0.00	0.00	1.15
23	0.00	0.55	0.54	0.29	0.00	0.00	0.00	---	0.17	---	0.00	0.00
24	0.00	1.18	0.00	2.64	0.00	0.00	0.00	0.00	0.03	---	0.00	0.00
25	0.05	0.41	0.00	0.04	0.00	0.00	0.33	0.00	0.01	---	0.00	1.91
26	0.00	0.00	0.00	0.00	0.09	0.65	0.04	0.00	0.47	---	0.00	0.31
27	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.17	0.13	---	0.00	0.22
28	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	---	0.31	0.00
29	0.00	0.54	0.00	0.00	---	0.00	0.00	0.00	0.19	---	0.00	0.00
30	0.00	0.19	0.00	0.00	---	5.23	---	0.00	0.10	1.78	0.00	0.00
31	0.00	---	0.00	0.00	---	---	---	0.00	---	0.01	0.00	---
TOTAL	2.89	2.91	3.66	6.73	2.12	---	---	---	2.33	---	0.79	---

MOBILE RIVER BASIN
2002 Water Year

02397530 COOSA RIVER AT STATE LINE, AL/GA
(Previously published as 02397530 Coosa River near Coosa, GA)

LOCATION.--Lat 34°11'54", long 85°26'46" referenced to North American Datum (NAD) of 1927, Floyd County, GA-Cherokee County, AL, Hydrologic Unit 03150105, 6.5 miles southwest of Coosa, and at mile 254.8.

DRAINAGE AREA.--4,360 mi^2, approximately.

COOPERATION.—Georgia Environmental Protection Division.

PERIOD OF RECORD.—August 1976 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: August 1976 to current year.
pH: August 1976 to current year.
WATER TEMPERATURE: August 1976 to current year.
DISSOLVED OXYGEN: August 1976 to current year.

INSTRUMENTATION.—Satellite telemetry with a continuous water-quality monitor.

REMARKS.—Records fair.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 270 microsiemens, September 26, 27, 29, 30 1999; minimum recorded, 32 microsiemens, April 15, 1979.
pH: Maximum recorded, 10.4 units, July 9, 1993; minimum recorded, 6.1 units, September 22, 1992.
WATER TEMPERATURE: Maximum recorded, 36.5 °C, July 18, 25, 1986; minimum recorded, 1.0 °C, January 13, 1982.
DISSOLVED OXYGEN: Maximum recorded, 16.9 mg/L, June 19, 2000; minimum recorded, 0.4 mg/L, July 14, 1993.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 254 microsiemens, August 17, 18; minimum, 80 microsiemens, April 1.
pH: Maximum, 8.8 units, July 16, September 3; minimum, 6.9 units, January 27, 28, 30.
WATER TEMPERATURE: Maximum, 33.5 °C, August 1; minimum, 6.5 °C, January 3.
DISSOLVED OXYGEN: Maximum, 12.5 mg/L, March 6; minimum, 3.0 mg/L, August 25.

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #2, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	212	205	208	212	189	201	184	160	171	156	150	153
2	220	208	214	202	192	197	163	144	155	168	151	156
3	224	202	215	208	181	196	153	145	149	178	168	173
4	206	185	201	209	188	201	170	146	162	179	169	173
5	191	184	186	194	178	184	186	170	178	174	168	171
6	212	189	201	202	188	196	191	146	176	175	163	169
7	201	185	189	206	193	200	166	145	152	191	170	178
8	194	188	191	205	190	198	157	145	150	183	169	174
9	201	194	198	201	182	190	153	140	148	178	163	168
10	202	195	199	197	178	193	153	139	146	191	178	185
11	211	200	204	178	170	172	164	145	155	197	183	189
12	213	196	207	170	168	169	172	149	159	190	175	184
13	212	191	202	196	170	185	161	130	144	195	176	187
14	192	188	190	225	191	207	177	144	156	196	186	191
15	199	174	189	222	210	220	183	149	166	209	194	201
16	199	187	194	210	195	203	160	150	157	209	195	204
17	195	176	189	229	196	217	161	156	159	---	---	---
18	194	174	184	221	185	199	158	149	152	204	192	200
19	193	175	187	197	191	195	162	149	155	198	177	187
20	189	162	175	215	180	192	158	144	151	181	143	165
21	173	166	169	223	213	218	155	141	148	146	138	143
22	171	167	168	226	198	216	147	141	144	144	116	127
23	187	170	178	207	195	201	147	142	145	126	115	119
24	201	187	193	208	202	204	153	142	147	133	126	129
25	202	170	192	207	174	188	155	151	154	126	99	110
26	204	172	190	192	184	189	165	154	159	102	94	97
27	201	158	189	202	188	196	173	165	169	98	96	97
28	188	148	163	199	188	191	170	160	165	96	93	94
29	190	173	181	223	191	208	161	153	157	103	93	99
30	191	167	182	221	178	197	153	150	151	121	103	113
31	212	188	202	---	---	---	156	140	149	119	114	116
MONTH	224	148	191	229	168	197	191	130	156	209	93	155

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #2, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	122	114	118	174	153	162	91	80	87	173	164	170
2	134	120	126	173	155	163	93	87	89	182	159	166
3	134	124	129	169	150	160	98	93	94	187	160	177
4	139	134	136	164	154	159	109	98	105	171	137	163
5	154	134	143	163	148	153	120	108	112	137	104	115
6	169	154	160	174	160	169	119	109	114	105	100	103
7	163	141	148	175	154	165	124	113	118	105	97	99
8	141	130	134	172	146	159	129	115	123	106	93	99
9	144	133	138	173	153	161	145	117	125	115	106	111
10	141	138	139	173	161	169	142	120	128	122	111	115
11	147	141	145	169	164	166	129	117	124	122	107	112
12	152	145	149	---	---	---	138	121	127	126	108	117
13	160	152	157	---	---	---	138	130	135	141	119	126
14	160	149	153	---	---	---	144	136	140	139	124	128
15	157	150	154	---	---	---	151	135	144	131	119	124
16	165	156	162	179	171	175	162	148	156	141	119	127
17	167	158	162	174	167	172	170	154	162	143	126	132
18	166	154	158	169	149	159	174	156	164	145	126	135
19	168	165	166	152	147	150	---	---	---	149	131	139
20	178	163	168	163	152	158	---	---	---	157	138	144
21	178	155	166	168	159	163	---	---	---	157	146	151
22	164	153	159	171	142	157	---	---	---	167	153	158
23	161	147	153	156	143	151	---	---	---	185	167	174
24	164	161	162	155	151	153	---	---	---	189	158	175
25	174	163	170	155	147	151	181	163	172	165	148	156
26	178	167	172	150	144	146	185	166	175	167	164	165
27	177	167	171	154	143	148	166	152	160	167	157	161
28	182	170	175	163	150	157	163	152	159	168	159	164
29	---	---	---	160	150	154	162	156	159	169	150	160
30	---	---	---	162	113	148	164	152	157	174	150	163
31	---	---	---	---	---	---	---	---	---	175	152	164
MONTH	182	114	153	179	113	159	185	80	135	189	93	142

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #2, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	160	149	156	198	189	193	212	207	210	224	184	202
2	158	148	155	194	181	186	212	199	205	201	184	191
3	161	154	156	199	183	193	212	192	203	205	185	192
4	169	161	164	---	---	---	197	192	194	213	199	204
5	177	165	172	---	---	---	203	189	192	220	207	213
6	192	168	178	---	---	---	204	185	195	220	206	214
7	197	160	179	---	---	---	198	192	196	---	---	---
8	171	161	165	---	---	---	206	196	202	---	---	---
9	179	158	171	192	181	184	213	201	204	---	---	---
10	176	152	159	198	190	195	216	208	212	---	---	---
11	---	---	---	201	193	196	221	211	214	196	184	189
12	---	---	---	198	190	194	221	205	215	198	193	196
13	---	---	---	208	196	201	206	200	203	194	184	190
14	---	---	---	202	185	197	---	---	---	193	177	184
15	---	---	---	---	---	---	---	---	---	197	186	192
16	---	---	---	184	176	180	---	---	---	191	162	179
17	---	---	---	184	178	180	254	242	248	184	177	180
18	---	---	---	---	---	---	254	243	247	187	179	183
19	183	172	179	---	---	---	249	228	241	194	171	182
20	181	174	177	---	---	---	231	209	219	193	181	188
21	205	180	185	---	---	---	226	205	214	190	162	175
22	198	190	193	---	---	---	226	193	216	197	155	170
23	203	198	201	---	---	---	204	188	197	176	149	158
24	209	201	206	---	---	---	204	192	200	180	132	157
25	224	207	216	---	---	---	197	183	188	132	123	125
26	232	217	226	---	---	---	198	185	193	168	124	146
27	238	228	232	---	---	---	208	193	199	169	156	161
28	---	219	231	---	---	---	214	203	208	173	153	165
29	230	214	222	---	---	---	237	193	221	171	158	162
30	216	198	209	---	---	---	205	186	194	163	157	159
31	---	---	---	208	186	198	231	204	220	---	---	---
MONTH	238	148	188	208	176	191	254	183	209	224	123	179
YEAR	254	80	170									

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #4, DCP

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.3	7.7	8.0	7.5	7.3	7.4	7.4	7.4	7.4	7.6	7.5	7.6
2	8.6	8.0	8.1	7.6	7.3	7.5	7.4	7.3	7.4	7.6	7.6	7.6
3	8.4	7.9	8.1	7.6	7.4	7.5	7.4	7.3	7.3	7.7	7.6	7.7
4	8.3	7.9	8.0	7.5	7.4	7.4	7.4	7.3	7.4	7.7	7.6	7.7
5	8.1	7.8	7.9	7.5	7.4	7.5	7.5	7.3	7.4	7.6	7.6	7.6
6	8.0	7.8	7.9	7.6	7.4	7.5	7.5	7.4	7.5	7.7	7.6	7.6
7	8.0	7.8	7.9	7.5	7.4	7.4	7.5	7.4	7.4	7.7	7.6	7.7
8	7.8	7.6	7.7	7.4	7.3	7.4	7.4	7.4	7.4	7.6	7.5	7.6
9	7.7	7.6	7.7	7.8	7.2	7.6	7.4	7.4	7.4	7.6	7.6	7.6
10	7.6	7.6	7.6	7.8	7.6	7.6	7.4	7.4	7.4	7.7	7.6	7.6
11	7.6	7.5	7.6	7.6	7.5	7.6	7.4	7.4	7.4	7.7	7.6	7.6
12	7.7	7.5	7.6	7.6	7.5	7.6	7.5	7.4	7.4	7.7	7.6	7.6
13	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.6	7.6	7.6
14	7.6	7.4	7.5	7.6	7.5	7.6	7.4	7.4	7.4	7.6	7.6	7.6
15	7.7	7.4	7.5	7.7	7.5	7.6	7.4	7.3	7.4	7.6	7.6	7.6
16	7.6	7.5	7.6	7.6	7.5	7.6	7.4	7.3	7.3	7.7	7.6	7.6
17	7.6	7.4	7.5	7.7	7.6	7.6	7.3	7.3	7.3	7.8	7.7	7.7
18	7.6	7.4	7.4	7.7	7.5	7.6	7.3	7.3	7.3	7.9	7.7	7.8
19	7.9	7.5	7.6	7.7	7.5	7.6	7.4	7.3	7.3	7.9	7.6	7.8
20	7.6	7.5	7.5	7.7	7.6	7.6	7.4	7.3	7.3	7.7	7.3	7.6
21	7.7	7.4	7.5	7.7	7.5	7.6	7.4	7.3	7.4	7.4	7.2	7.3
22	8.1	7.4	7.6	7.6	7.5	7.5	7.4	7.3	7.4	7.2	7.2	7.2
23	7.9	7.4	7.7	7.6	7.5	7.6	7.4	7.4	7.4	7.2	7.2	7.2
24	7.6	7.4	7.5	7.7	7.6	7.7	7.5	7.4	7.5	7.3	7.2	7.2
25	7.6	7.3	7.5	7.7	7.6	7.6	7.5	7.4	7.5	7.2	7.0	7.1
26	7.6	7.4	7.5	7.6	7.5	7.6	7.6	7.5	7.5	7.0	7.0	7.0
27	7.5	7.4	7.5	7.6	7.5	7.5	7.7	7.6	7.6	7.0	6.9	7.0
28	7.5	7.4	7.4	7.5	7.4	7.5	7.6	7.6	7.6	7.0	6.9	7.0
29	7.5	7.4	7.5	7.5	7.4	7.5	7.7	7.6	7.6	7.1	7.0	7.0
30	7.7	7.4	7.5	7.5	7.4	7.4	7.6	7.6	7.6	7.1	6.9	7.0
31	7.5	7.4	7.5	---	---	---	7.6	7.6	7.6	7.3	7.1	7.1
MAX	8.6	8.0	8.1	7.8	7.6	7.7	7.7	7.6	7.6	7.9	7.7	7.8
MIN	7.5	7.3	7.4	7.4	7.2	7.4	7.3	7.3	7.3	7.0	6.9	7.0

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #4, DCP
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.3	7.2	7.3	7.8	7.7	7.8	7.0	7.0	7.0	7.6	7.5	7.5
2	7.3	7.3	7.3	7.8	7.7	7.8	7.0	7.0	7.0	7.7	7.5	7.5
3	7.4	7.3	7.4	7.9	7.8	7.8	7.1	7.0	7.0	7.7	7.5	7.5
4	7.4	7.4	7.4	7.8	7.7	7.7	7.1	7.1	7.1	7.5	7.3	7.4
5	7.5	7.4	7.4	7.7	7.6	7.7	7.2	7.1	7.2	7.3	7.1	7.1
6	7.6	7.5	7.6	7.9	7.7	7.7	7.3	7.2	7.3	7.1	7.1	7.1
7	7.6	7.5	7.5	7.8	7.6	7.7	7.4	7.3	7.4	7.1	7.0	7.0
8	7.5	7.4	7.4	7.7	7.7	7.7	7.5	7.4	7.4	7.2	7.0	7.1
9	7.4	7.4	7.4	7.7	7.6	7.7	7.5	7.4	7.4	7.2	7.0	7.1
10	7.5	7.4	7.4	7.7	7.6	7.6	7.5	7.4	7.5	7.2	7.1	7.2
11	7.5	7.4	7.5	7.7	7.6	7.6	7.5	7.4	7.5	7.3	7.2	7.2
12	7.5	7.5	7.5	---	---	---	7.5	7.4	7.4	7.3	7.2	7.3
13	7.6	7.5	7.6	---	---	---	7.5	7.4	7.4	7.4	7.2	7.3
14	7.6	7.5	7.6	---	---	---	7.5	7.4	7.4	7.4	7.3	7.3
15	7.6	7.5	7.6	---	---	---	7.5	7.4	7.4	7.5	7.3	7.4
16	7.7	7.6	7.6	7.6	7.5	7.6	7.6	7.5	7.5	7.5	7.4	7.4
17	7.6	7.6	7.6	7.6	7.5	7.6	7.7	7.5	7.6	7.5	7.4	7.5
18	7.6	7.6	7.6	7.6	7.5	7.5	7.8	7.6	7.6	7.5	7.3	7.4
19	7.7	7.6	7.7	7.5	7.4	7.4	---	---	---	7.8	7.4	7.5
20	7.8	7.6	7.7	7.6	7.5	7.5	---	---	---	7.5	7.4	7.4
21	7.8	7.7	7.7	7.6	7.5	7.6	---	---	---	7.5	7.5	7.5
22	7.7	7.6	7.6	7.6	7.4	7.5	---	---	---	7.7	7.5	7.6
23	7.7	7.6	7.6	7.4	7.4	7.4	---	---	---	7.8	7.6	7.6
24	7.7	7.6	7.7	7.5	7.4	7.5	---	---	---	7.7	7.5	7.6
25	7.8	7.6	7.7	7.5	7.5	7.5	8.1	7.7	7.7	7.8	7.5	7.6
26	7.7	7.6	7.7	7.6	7.5	7.5	7.8	7.7	7.7	8.0	7.6	7.7
27	7.8	7.7	7.8	7.7	7.6	7.6	7.7	7.5	7.6	8.2	7.7	7.7
28	7.9	7.8	7.8	7.6	7.5	7.6	7.9	7.6	7.6	7.7	7.5	7.6
29	---	---	---	7.6	7.5	7.6	8.1	7.6	7.7	7.6	7.3	7.5
30	---	---	---	7.6	7.3	7.6	7.7	7.5	7.6	7.5	7.3	7.4
31	---	---	---	---	---	---	---	---	---	7.5	7.3	7.4
MAX	7.9	7.8	7.8	7.9	7.8	7.8	8.1	7.7	7.7	8.2	7.7	7.7
MIN	7.3	7.2	7.3	7.4	7.3	7.4	7.0	7.0	7.0	7.1	7.0	7.0

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #4, DCP
PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	7.2	7.3	8.2	7.4	7.6	8.6	7.6	7.6	7.5	7.4	7.4
2	7.6	7.3	7.4	8.2	7.4	7.8	8.2	7.5	7.8	8.2	7.3	7.5
3	8.0	7.3	7.6	---	---	---	8.7	7.4	7.6	8.8	7.4	7.6
4	8.2	7.6	7.9	---	---	---	8.2	7.4	7.6	8.3	7.7	7.9
5	7.6	7.3	7.4	---	---	---	8.7	7.4	7.7	8.3	7.5	7.7
6	7.5	7.3	7.4	---	---	---	8.2	7.6	8.0	8.0	7.3	7.6
7	7.7	7.3	7.4	---	---	---	7.8	7.5	7.6	---	---	---
8	7.4	7.3	7.3	---	---	---	7.8	7.3	7.5	---	---	---
9	7.4	7.2	7.3	8.1	7.5	7.6	8.6	7.3	7.8	---	---	---
10	7.3	7.1	7.1	8.2	7.6	7.8	8.3	7.4	7.7	---	---	---
11	---	---	---	8.0	7.5	7.7	7.8	7.4	7.6	8.0	7.6	7.7
12	---	---	---	7.6	7.3	7.5	7.8	7.3	7.5	7.9	7.5	7.6
13	---	---	---	7.4	7.3	7.4	8.2	7.4	7.4	7.5	7.2	7.4
14	---	---	---	7.8	7.3	7.4	---	---	---	7.6	7.3	7.5
15	---	---	---	8.1	7.5	7.8	---	---	---	7.7	7.4	7.5
16	---	---	---	8.8	7.4	7.8	---	---	---	7.8	7.4	7.4
17	---	---	---	8.7	7.3	7.7	7.8	7.5	7.6	7.6	7.3	7.4
18	---	---	---	---	---	---	8.0	7.6	7.6	7.4	7.3	7.3
19	8.5	7.4	7.7	---	---	---	8.6	7.4	7.6	7.4	7.3	7.3
20	8.3	7.4	7.6	---	---	---	7.9	7.4	7.6	7.4	7.1	7.3
21	8.6	7.6	7.9	---	---	---	8.3	7.4	7.5	7.6	7.3	7.4
22	8.2	7.6	7.9	---	---	---	8.7	7.4	7.6	7.5	7.4	7.5
23	8.2	7.7	7.8	---	---	---	8.3	7.4	7.6	7.4	7.2	7.3
24	8.5	7.6	7.8	---	---	---	7.9	7.4	7.5	7.2	7.1	7.2
25	8.2	7.5	7.8	---	---	---	7.7	7.4	7.5	7.2	7.0	7.0
26	8.0	7.4	7.9	---	---	---	8.0	7.4	7.6	7.2	7.0	7.1
27	7.8	7.5	7.7	---	---	---	7.9	7.4	7.6	7.2	7.2	7.2
28	8.0	7.5	7.7	---	---	---	7.6	7.4	7.5	7.2	7.1	7.2
29	8.2	7.6	7.7	---	---	---	7.6	7.4	7.4	7.2	7.1	7.2
30	8.0	7.5	7.6	---	---	---	7.6	7.2	7.5	7.2	7.1	7.2
31	---	---	---	8.6	7.6	7.8	7.8	7.2	7.5	---	---	---
MAX	8.6	7.7	7.9	8.8	7.6	7.8	8.7	7.6	8.0	8.8	7.7	7.9
MIN	7.3	7.1	7.1	7.4	7.3	7.4	7.6	7.2	7.4	7.2	7.0	7.0

YEAR			
	MAX	MAXIMUM 8.8	MINIMUM 7.0
	MIN	MAXIMUM 8.0	MINIMUM 6.9
	MEDIAN	MAXIMUM 8.1	MINIMUM 7.0

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	21.5	20.8	21.0	18.9	16.6	17.7	18.0	17.0	17.5	9.2	8.1	8.6
2	22.3	20.6	21.3	17.5	16.0	16.5	17.7	16.9	17.3	9.2	8.1	8.6
3	22.9	20.7	21.6	19.4	16.3	17.6	16.9	16.0	16.3	8.3	6.5	7.1
4	23.9	22.4	22.8	19.0	17.5	18.1	17.0	15.8	16.3	8.9	6.8	8.0
5	23.0	22.0	22.4	17.9	17.1	17.4	16.6	14.9	15.7	9.3	7.6	8.6
6	22.6	22.0	22.2	18.0	16.9	17.3	15.5	14.8	15.2	8.0	7.2	7.5
7	23.1	22.0	22.4	19.6	17.3	18.3	16.0	15.2	15.6	8.7	6.6	7.8
8	23.4	22.2	22.7	19.6	18.3	18.9	16.4	15.5	15.9	8.7	6.7	8.1
9	22.2	21.2	21.5	18.8	17.5	17.9	16.0	15.6	15.8	8.7	8.2	8.4
10	21.8	21.0	21.3	17.7	16.3	17.1	16.2	15.9	16.1	9.2	8.5	8.8
11	21.5	20.8	21.1	17.0	16.3	16.6	17.0	16.0	16.7	9.4	8.7	9.1
12	21.9	20.6	21.2	17.9	17.0	17.3	16.2	14.7	15.1	10.0	9.1	9.5
13	22.0	20.9	21.3	17.0	15.7	16.4	15.4	14.7	15.1	10.4	8.9	9.7
14	22.5	21.5	22.0	18.1	15.7	16.7	15.7	15.0	15.4	10.7	9.8	10.3
15	22.9	22.2	22.5	18.3	16.4	17.4	15.4	14.5	14.9	10.5	9.3	10.0
16	22.7	22.0	22.3	16.4	15.2	15.6	14.8	14.1	14.4	10.9	9.7	10.2
17	23.8	22.4	23.0	18.0	15.6	16.8	14.6	14.1	14.3	10.7	9.4	10.0
18	23.5	20.9	22.0	17.2	16.2	16.7	15.4	14.2	14.7	10.8	9.4	10.0
19	20.9	20.0	20.6	16.3	15.6	15.9	14.7	13.9	14.3	10.8	9.5	9.9
20	20.4	19.3	19.9	15.9	14.6	15.1	14.2	12.8	13.4	11.0	9.6	10.1
21	20.1	19.5	19.8	16.4	14.8	15.6	13.2	12.7	13.0	9.6	9.3	9.4
22	20.8	19.5	20.0	16.2	14.4	15.7	12.8	12.1	12.4	9.4	8.9	9.1
23	21.3	19.2	20.2	15.2	14.0	14.4	12.2	11.2	11.6	9.6	9.0	9.2
24	22.2	20.9	21.5	15.6	14.9	15.2	11.4	10.9	11.1	10.9	9.6	10.1
25	22.0	19.8	21.0	16.6	15.3	15.8	10.9	10.3	10.6	11.8	10.9	11.3
26	21.1	20.1	20.5	16.3	15.6	15.9	10.3	8.6	9.5	11.5	11.0	11.2
27	20.3	18.9	19.8	16.7	15.0	15.8	9.5	8.6	9.0	11.0	10.2	10.8
28	19.2	18.7	18.9	17.5	16.5	17.0	9.6	8.7	9.1	10.2	9.8	10.0
29	19.1	17.7	18.4	17.7	16.6	17.0	8.9	7.5	8.3	10.2	9.7	9.9
30	17.9	16.5	17.2	18.0	17.5	17.7	8.4	7.7	8.0	11.3	10.2	10.7
31	19.8	17.6	18.6	---	---	---	9.3	8.3	9.0	12.0	11.3	11.5
MONTH	23.9	16.5	21.0	19.6	14.0	16.7	18.0	7.5	13.6	12.0	6.5	9.5

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.3	11.9	12.2	10.3	9.3	9.9	15.6	15.0	15.3	21.9	19.7	20.6
2	12.5	12.2	12.4	9.3	8.6	8.9	16.0	15.2	15.6	22.4	20.9	21.4
3	12.4	11.6	11.9	8.8	8.2	8.5	16.0	15.5	15.8	22.5	21.2	22.0
4	11.9	11.5	11.6	8.5	8.3	8.4	15.9	15.4	15.6	21.4	18.1	20.3
5	11.6	10.8	11.2	8.8	8.2	8.5	15.4	14.4	14.9	18.1	17.2	17.7
6	10.9	9.2	10.1	8.9	7.9	8.4	14.7	14.0	14.3	18.1	17.5	17.7
7	9.2	7.7	8.5	9.4	8.2	8.8	14.7	14.0	14.3	19.4	18.0	18.5
8	8.4	7.8	8.1	10.8	9.3	10.0	14.9	14.1	14.5	19.9	19.2	19.5
9	8.3	7.7	8.1	11.3	9.8	10.6	15.6	14.6	15.0	20.4	19.6	19.9
10	8.6	8.0	8.3	11.6	10.8	11.1	16.7	15.5	16.0	20.9	20.2	20.5
11	9.2	8.4	8.8	12.7	11.1	11.9	16.7	16.2	16.5	20.9	19.9	20.4
12	9.9	9.2	9.6	---	---	---	17.1	16.6	16.9	21.2	19.9	20.6
13	10.4	9.8	10.1	---	---	---	17.4	16.8	17.1	21.7	20.6	21.0
14	10.2	9.5	9.9	---	---	---	17.6	16.7	17.1	21.1	20.6	20.8
15	10.3	9.6	10.0	---	---	---	18.6	16.9	17.6	20.8	19.6	20.4
16	10.9	9.7	10.2	14.3	13.3	13.7	19.9	18.2	18.8	20.1	19.2	19.7
17	10.5	10.1	10.3	---	14.0	14.6	20.8	19.7	20.0	21.2	20.1	20.6
18	11.0	10.3	10.6	16.4	15.3	15.8	21.3	20.6	21.0	21.3	20.2	20.8
19	10.9	10.6	10.8	17.7	16.4	17.1	---	---	---	22.3	20.4	21.0
20	11.5	10.5	11.0	18.0	17.7	17.9	---	---	---	21.0	20.3	20.6
21	11.4	10.7	11.2	18.4	17.7	18.1	---	---	---	20.6	20.3	20.4
22	11.6	11.0	11.3	17.7	15.8	16.7	---	---	---	21.5	19.8	20.3
23	11.9	11.4	11.6	15.8	14.7	15.2	---	---	---	21.2	19.6	20.2
24	13.0	11.6	12.1	14.7	14.0	14.3	---	---	---	21.7	20.5	20.8
25	13.1	11.5	11.9	14.4	13.7	14.0	23.4	22.0	22.5	22.1	20.2	21.0
26	11.7	11.0	11.5	14.3	13.7	14.0	22.5	20.5	21.7	24.0	21.4	22.1
27	11.0	10.1	10.6	15.0	13.7	14.3	20.5	19.6	20.2	24.4	22.5	23.3
28	11.3	10.1	10.6	15.8	14.3	15.0	22.3	19.6	20.8	25.0	22.9	23.9
29	---	---	---	16.0	14.9	15.4	21.9	19.8	20.7	25.0	24.1	24.5
30	---	---	---	15.6	15.0	15.4	---	---	---	25.0	24.3	24.6
31	---	---	---	---	---	---	---	---	---	26.9	24.8	25.5
MONTH	13.1	7.7	10.5	18.4	7.9	12.9	23.4	14.0	17.5	26.9	17.2	21.0

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #1, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.1	24.9	25.7	29.4	28.2	28.7	33.5	32.2	32.6	29.8	28.9	29.3
2	26.5	25.3	25.8	29.9	28.3	29.2	32.7	31.1	31.8	30.3	28.5	29.2
3	27.8	26.1	27.0	30.4	28.8	29.5	32.7	30.9	31.5	30.3	28.4	29.2
4	29.2	27.5	28.3	---	---	---	32.0	30.3	30.8	30.9	29.2	29.9
5	29.0	27.8	28.4	---	---	---	32.8	30.5	31.0	31.6	30.1	30.6
6	29.3	28.5	28.9	---	---	---	32.2	30.8	31.7	31.5	30.4	30.9
7	29.6	27.5	28.8	---	---	---	32.5	31.1	31.8	---	---	---
8	27.5	26.6	27.0	---	---	---	32.2	31.3	31.7	---	---	---
9	28.3	26.9	27.3	31.6	29.9	30.5	32.1	31.2	31.5	---	---	---
10	28.2	25.9	26.7	32.2	31.3	31.7	32.1	31.0	31.3	---	---	---
11	29.4	26.7	27.6	32.3	31.9	32.1	31.4	30.9	31.1	31.1	29.9	30.4
12	---	---	---	32.1	31.2	31.6	31.6	30.6	30.9	31.4	30.2	30.7
13	---	---	---	31.2	30.4	30.8	---	---	---	30.2	29.0	29.6
14	---	---	---	31.3	29.9	30.4	---	---	---	29.8	28.9	29.2
15	---	---	---	---	---	---	---	---	---	29.2	28.8	29.0
16	---	---	---	30.8	29.1	29.9	---	---	---	30.9	28.5	29.1
17	---	---	---	30.5	28.7	29.6	32.2	31.4	31.7	29.6	28.4	28.9
18	---	---	---	---	---	---	32.3	31.2	31.7	29.6	29.0	29.3
19	28.9	26.7	27.6	---	---	---	32.0	30.7	31.1	29.1	28.6	28.9
20	28.7	27.0	27.7	---	---	---	31.5	30.0	30.5	28.9	26.7	27.5
21	29.1	27.3	28.2	---	---	---	32.6	30.3	30.9	28.5	26.7	27.3
22	29.1	27.9	28.5	---	---	---	32.3	30.4	31.0	28.6	25.4	27.3
23	29.6	28.4	28.8	---	---	---	31.9	30.4	31.0	25.4	24.2	24.6
24	31.1	28.6	29.5	---	---	---	32.5	31.0	31.4	24.2	24.0	24.1
25	30.2	29.5	29.9	---	---	---	31.5	30.8	31.2	24.0	23.3	23.6
26	31.0	30.1	30.5	---	---	---	31.3	30.6	30.9	23.8	23.1	23.4
27	31.1	30.4	30.6	---	---	---	30.9	30.3	30.5	23.7	22.0	22.9
28	30.6	29.9	30.2	---	---	---	31.5	30.4	30.8	22.4	22.0	22.2
29	30.1	29.1	29.7	---	---	---	32.0	30.0	31.0	23.2	22.0	22.6
30	29.6	28.6	29.1	---	---	---	30.5	29.2	29.9	23.4	22.5	22.9
31	---	---	---	33.1	32.2	32.5	30.2	29.0	29.5	---	---	---
MONTH	31.1	24.9	28.3	33.1	28.2	30.5	33.5	29.0	31.1	31.6	22.0	27.4
YEAR	33.5	6.5	19.2									

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #3, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.9	6.9	8.2	9.8	7.9	8.7	8.0	7.7	7.9	11.2	11.0	11.1
2	11.4	7.5	9.3	10.1	8.5	9.5	7.9	7.7	7.8	11.3	11.1	11.2
3	10.7	9.0	9.5	10.2	9.4	9.8	8.3	7.6	7.9	11.7	11.1	11.5
4	11.0	9.4	9.8	10.1	8.5	9.2	8.2	7.8	8.0	11.7	11.3	11.5
5	10.9	9.3	9.7	10.2	8.9	9.5	8.8	7.9	8.3	11.7	11.0	11.5
6	10.2	9.1	9.3	10.2	9.2	9.6	9.0	8.8	8.9	12.0	11.5	11.8
7	9.9	8.8	9.1	9.3	8.4	8.9	8.9	8.8	8.8	11.8	11.5	11.7
8	8.9	7.8	8.5	9.2	8.1	8.7	8.8	8.5	8.6	11.7	10.8	11.4
9	8.7	7.9	8.3	9.6	8.1	8.4	8.5	8.4	8.5	11.6	11.2	11.4
10	8.5	8.1	8.3	9.5	8.4	8.8	8.4	8.1	8.2	11.6	11.1	11.4
11	8.8	7.2	8.1	8.8	8.4	8.6	8.1	7.6	7.9	11.5	11.2	11.4
12	8.4	6.2	7.8	9.1	8.5	8.7	8.4	7.7	8.1	11.5	10.7	11.3
13	---	---	---	8.5	8.2	8.4	8.5	8.0	8.3	11.2	9.2	10.8
14	---	---	---	8.6	8.0	8.3	8.5	8.1	8.4	10.9	10.5	10.7
15	---	---	---	8.6	7.9	8.1	8.3	7.1	7.9	10.7	10.5	10.6
16	7.9	6.7	7.2	8.7	7.8	8.4	8.0	7.2	7.6	10.9	10.7	10.8
17	7.6	6.6	6.9	8.7	8.3	8.5	7.8	7.6	7.7	11.2	10.9	11.1
18	7.9	6.4	7.0	9.1	8.1	8.5	8.9	7.6	8.0	11.5	11.2	11.3
19	9.1	7.1	7.8	9.0	8.2	8.5	8.8	8.3	8.5	11.4	11.0	11.3
20	8.4	7.2	7.8	9.1	8.8	8.9	8.9	8.7	8.8	11.1	10.0	10.6
21	8.8	6.9	7.6	8.8	8.2	8.4	9.2	8.9	9.0	10.1	9.6	9.8
22	10.4	6.5	8.4	8.8	8.1	8.4	9.5	9.2	9.4	9.8	9.5	9.6
23	10.3	7.2	9.2	9.0	8.7	8.9	9.9	9.5	9.7	10.0	9.8	9.9
24	8.9	7.5	8.3	8.8	8.5	8.7	10.0	9.9	9.9	10.0	9.8	9.9
25	8.8	7.0	8.0	8.7	8.4	8.6	10.1	10.0	10.1	9.9	8.7	9.1
26	8.5	7.9	8.2	8.7	7.4	8.4	10.8	10.1	10.4	8.8	8.7	8.8
27	8.3	7.7	7.9	8.5	7.6	8.3	10.9	10.7	10.8	9.2	8.7	8.9
28	8.2	7.4	7.9	8.0	6.9	7.5	11.2	10.8	11.0	9.7	9.2	9.5
29	8.7	7.4	8.2	8.2	7.7	7.9	11.5	11.2	11.4	9.9	9.5	9.7
30	10.0	7.7	8.8	8.0	7.7	7.9	11.4	11.2	11.3	9.6	8.9	9.2
31	8.8	8.1	8.5	---	---	---	11.2	10.9	11.0	10.1	9.6	9.9
MONTH	11.4	6.2	8.3	10.2	6.9	8.6	11.5	7.1	9.0	12.0	8.7	10.6

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #3, DCP
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	9.8	9.9	11.6	10.9	11.2	7.7	7.5	7.7	8.5	7.0	7.7
2	9.9	9.7	9.8	12.0	11.6	11.8	7.7	7.5	7.6	7.8	7.4	7.6
3	10.0	9.8	9.9	12.2	11.9	12.1	8.1	7.6	7.8	7.6	7.0	7.2
4	10.1	9.9	10.0	12.1	11.7	11.9	8.1	7.7	7.9	7.3	6.8	7.1
5	10.5	10.1	10.3	11.9	11.6	11.8	9.3	8.1	8.7	7.1	6.6	6.8
6	11.1	10.5	10.8	12.5	11.7	12.1	9.6	9.3	9.5	6.8	6.4	6.7
7	11.6	11.1	11.4	12.2	11.8	12.0	9.9	9.6	9.8	6.8	6.5	6.6
8	11.7	11.6	11.6	12.1	11.6	11.9	9.9	9.8	9.9	7.2	6.6	6.8
9	11.7	11.6	11.7	11.8	10.8	11.4	9.9	9.6	9.8	7.2	6.3	6.5
10	11.6	11.5	11.6	10.9	10.7	10.8	9.7	9.5	9.6	7.5	6.6	7.1
11	11.5	11.2	11.4	10.9	10.3	10.5	9.6	9.3	9.4	7.8	7.5	7.7
12	11.2	10.9	11.1	---	---	---	9.3	8.9	9.1	8.0	7.2	7.6
13	11.0	10.9	10.9	---	---	---	8.9	8.8	8.8	7.8	7.2	7.4
14	11.1	10.9	11.0	---	---	---	8.9	8.8	8.8	7.6	7.2	7.4
15	11.3	11.1	11.2	---	---	---	9.0	8.8	8.9	8.3	7.4	7.8
16	11.2	11.2	11.2	9.8	9.2	9.5	9.3	8.7	8.9	8.5	7.7	8.0
17	11.2	11.1	11.2	---	9.1	9.3	9.4	8.6	8.9	8.3	7.8	8.0
18	11.2	11.0	11.1	9.2	8.8	9.0	9.7	8.5	8.9	8.0	7.4	7.7
19	11.0	10.9	11.0	8.9	7.9	8.2	---	---	---	9.0	7.1	7.7
20	11.2	11.0	11.1	8.3	8.0	8.2	---	---	---	7.7	6.3	7.0
21	11.2	11.0	11.1	8.4	8.0	8.2	---	---	---	8.3	7.0	7.7
22	11.1	10.7	10.8	8.3	7.9	8.1	---	---	---	9.3	7.9	8.4
23	10.8	10.3	10.7	8.4	8.1	8.2	---	---	---	8.8	8.3	8.5
24	10.7	10.4	10.6	8.8	8.4	8.6	---	---	---	9.1	8.1	8.4
25	10.8	10.4	10.6	9.4	8.8	9.1	9.5	7.9	8.4	9.8	8.3	8.9
26	10.9	10.5	10.7	9.8	9.3	9.6	8.5	8.0	8.2	10.7	8.7	9.1
27	11.3	10.9	11.1	10.0	9.7	9.8	8.3	7.8	8.1	11.0	8.9	9.7
28	11.2	10.9	11.0	9.8	9.0	9.3	9.3	7.3	8.2	9.4	8.2	8.8
29	---	---	---	9.6	9.0	9.2	9.7	7.7	8.5	8.9	7.7	8.2
30	---	---	---	9.4	8.5	9.2	8.7	7.2	7.9	7.9	6.7	7.5
31	---	---	---	---	---	---	---	---	---	8.7	7.1	7.7
MONTH	11.7	9.7	10.9	12.5	7.9	10.0	9.9	7.2	8.7	11.0	6.3	7.7

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS STATE 01 COUNTY 019
LATITUDE 341206 LONGITUDE 0852651 NAD27 DRAINAGE AREA 4362.00 CONTRIBUTING DRAINAGE AREA 4362 DATUM 555.00 NGVD29
Date Processed: 2003-03-13 16:11 By ceoberst
APPROVED
DD #3, DCP

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.1	6.9	7.7	9.9	4.9	7.5	9.7	6.2	7.0	5.8	3.9	4.9
2	9.0	7.7	8.3	9.3	4.9	8.2	8.6	5.4	7.3	8.7	4.1	6.2
3	11.2	7.7	9.2	7.9	6.3	7.0	10.3	5.2	6.9	11.2	4.1	7.7
4	11.8	7.7	9.7	---	---	---	8.5	4.8	6.8	10.2	6.1	7.8
5	7.7	6.7	7.2	---	---	---	10.7	5.3	7.6	8.9	5.9	7.3
6	9.1	6.1	7.1	---	---	---	9.4	6.6	8.2	7.6	5.3	6.4
7	9.4	5.5	7.1	---	---	---	8.2	5.3	7.2	---	---	---
8	7.8	5.6	6.7	---	---	---	8.1	5.3	6.5	---	---	---
9	6.9	5.3	6.3	9.3	6.4	7.5	10.9	3.9	7.9	---	---	---
10	7.2	4.3	5.4	8.8	6.9	7.7	9.6	3.9	7.6	---	---	---
11	8.0	5.0	6.4	---	---	---	8.3	5.2	7.1	8.0	6.4	7.2
12	---	---	---	---	---	---	8.6	5.2	6.8	8.0	6.1	6.9
13	---	---	---	---	---	---	---	---	---	6.6	4.2	6.0
14	---	---	---	---	---	---	---	---	---	6.6	5.7	6.1
15	---	---	---	---	---	---	---	---	---	7.2	5.0	6.0
16	---	---	---	11.2	5.7	8.2	---	---	---	8.1	5.2	6.4
17	---	---	---	11.7	5.7	8.2	7.4	6.0	6.3	7.3	5.3	6.2
18	---	---	---	---	---	---	8.8	6.1	6.7	6.3	5.2	5.7
19	10.8	7.0	8.3	---	---	---	11.5	4.9	7.1	5.8	5.0	5.3
20	10.1	6.1	8.0	---	---	---	8.5	4.9	6.9	6.3	3.3	5.3
21	10.8	6.2	8.2	---	---	---	9.9	4.4	6.7	7.4	5.6	6.2
22	9.3	5.5	7.2	---	---	---	11.9	3.2	7.0	6.4	6.0	6.3
23	9.2	4.6	6.9	---	---	---	9.6	5.0	7.0	6.4	5.1	5.7
24	10.6	4.3	7.2	---	---	---	8.5	5.3	6.8	5.1	4.1	4.7
25	8.8	5.5	7.4	---	---	---	8.2	3.0	6.0	5.1	3.8	4.6
26	8.5	5.4	7.0	---	---	---	8.6	5.3	6.7	5.8	5.1	5.4
27	7.2	4.9	6.0	---	---	---	7.4	5.3	6.1	6.6	5.8	6.2
28	8.4	4.5	6.2	---	---	---	6.4	4.8	5.6	6.5	6.2	6.3
29	9.0	6.1	7.2	---	---	---	6.3	4.7	5.2	6.6	6.3	6.4
30	8.8	6.0	7.1	---	---	---	6.5	3.4	5.4	6.7	6.4	6.5
31	---	---	---	8.8	6.4	7.5	6.7	3.2	5.5	---	---	---
MONTH	11.8	4.3	7.3	11.7	4.9	7.7	11.9	3.0	6.7	11.2	3.3	6.1
YEAR	12.5	3.0	8.6									

02397830 HARRISBURG CREEK AT HAWKINS, GA

LOCATION.—Lat 34°36'02", long 85°23'21" referenced to North American Datum (NAD) of 1927, Walker County, Hydrologic Unit 03150105, at bridge on County Road 91, 0.7 miles west of Hawkins.

DRAINAGE AREA.—13.3 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1980 to 1982 (operated as a continuous streamflow station), 1983 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 730.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 12.00 feet, February 16, 1990
DISCHARGE: 5,530 ft^3/s, February 16, 1990

MAXIMUM FOR CURRENT YEAR.—
STAGE: 8.41 feet, May 4
DISCHARGE: 1,650 ft^3/s, May 4

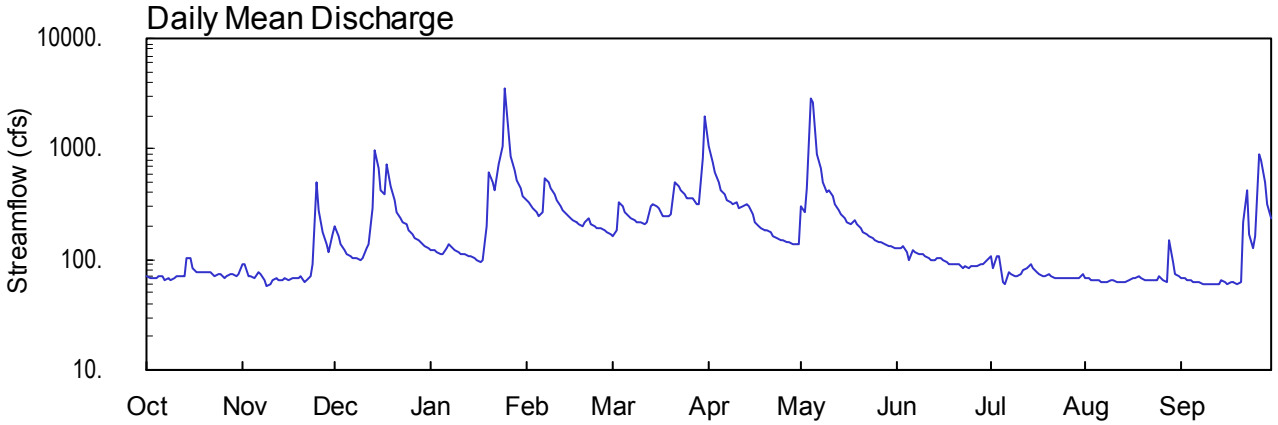
MOBILE RIVER BASIN

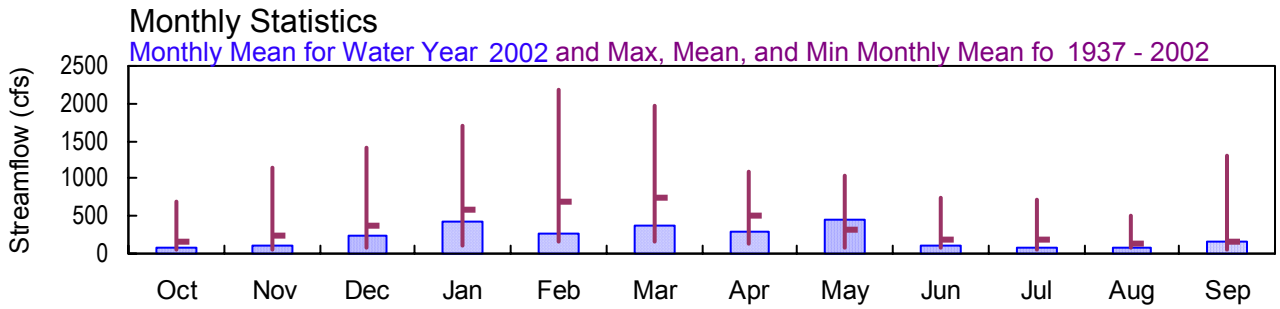
2002 Water Year

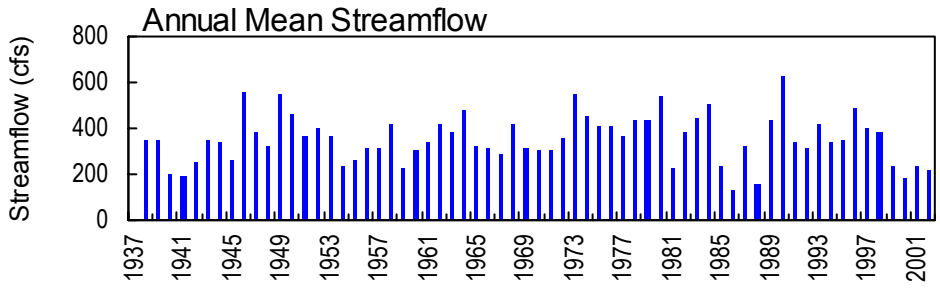
02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA

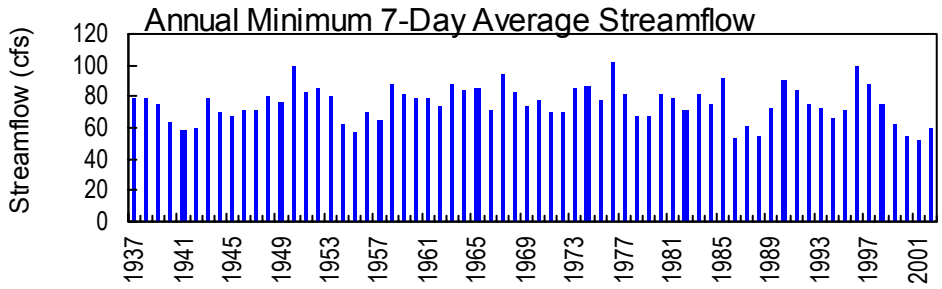
Latitude: 34°27'59" Longitude: 85°20'10" Hydrologic Unit Code: 03150105 Chattooga County

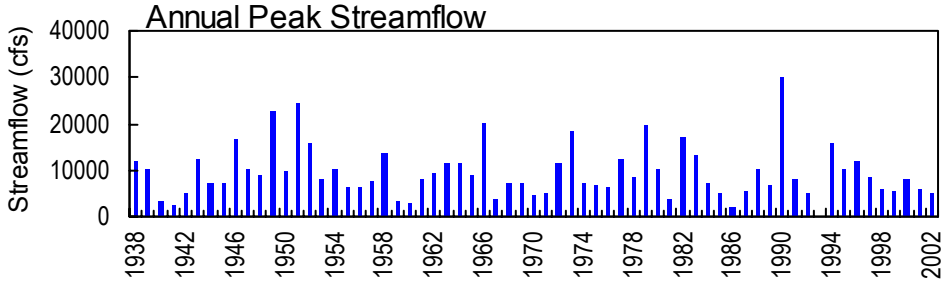
Drainage Area: 192. mi^2 Datum: 613.47 feet











MOBILE RIVER BASIN
2002 Water Year

02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA

LOCATION.—Lat 34°28'03", long 85°20'19" referenced to North American Datum (NAD) of 1983, Chattooga County, Hydrologic Unit 03150105, on left bank 600.0 feet downstream from bridge on US 27, 1.0 mile southeast of Summerville, and 4.0 miles upstream from Raccoon Creek.

DRAINAGE AREA.—192 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1937 to current year.

REVISED RECORDS.—WDR GA-80-1: Drainage area.

GAGE.—Water-stage recorder. Datum of gage is 613.47 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). Prior to November 12, 1937, non-recording gage was located at same site and datum.

REMARKS.—Records good. Low and medium flow had previously been regulated by a power plant at Trion, 6.0 miles upstream from the station, but it is now no longer in operation.

PEAKS DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jan. 25	1315	4,530	13.75
May 5	0015	5,320*	14.45

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1937 to current water year.

GAGE.—Water-stage recorder. Datum of gage is 613.47 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). Prior to November 12, 1937, non-recording gage was located at same site and datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 14.45 feet, May 5; minimum gage-height recorded, 1.50 feet, July 5, 6.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 055
LATITUDE 342759 LONGITUDE 0852010 NAD83 DRAINAGE AREA 192 CONTRIBUTING DRAINAGE AREA 192* DATUM 613.47 NGVD29
Date Processed: 2003-03-11 13:44 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	90	199	122	350	165	1070	301	126	105	68	68
2	68	89	160	120	325	186	769	267	124	85	67	67
3	67	71	136	116	288	335	608	440	130	108	66	65
4	68	72	119	114	268	299	496	2920	116	108	65	64
5	72	68	110	110	246	266	428	2680	99	62	64	63
6	71	76	106	128	268	248	384	903	121	59	63	62
7	66	73	102	138	551	235	350	661	116	76	63	62
8	67	65	101	124	510	224	329	504	112	73	63	60
9	66	57	99	119	439	215	317	406	110	70	64	60
10	67	61	101	116	390	214	327	429	105	70	64	61
11	70	66	129	113	346	207	295	370	101	74	63	60
12	71	67	135	110	307	217	300	310	99	79	63	59
13	72	66	297	109	280	307	310	278	99	83	63	60
14	103	66	989	106	257	320	306	261	102	91	63	66
15	103	67	678	101	241	301	e259	234	103	82	66	63
16	85	66	418	99	229	e285	e217	215	100	76	67	60
17	78	67	394	96	219	e250	e196	205	96	73	68	63
18	76	68	740	97	207	247	195	224	91	72	70	63
19	77	68	454	204	198	242	187	210	91	71	67	61
20	76	70	339	615	213	258	183	190	89	73	66	62
21	77	62	270	494	233	501	177	179	89	71	65	213
22	77	65	233	432	207	468	e160	167	85	69	64	425
23	72	71	214	729	200	423	e155	160	86	67	65	166
24	73	92	206	1070	195	388	e150	153	85	69	65	127
25	74	501	181	3600	189	363	e147	149	88	69	71	165
26	69	280	166	1370	184	358	e143	145	87	69	64	896
27	71	173	156	853	179	362	e142	142	87	68	63	793
28	73	135	147	643	171	315	e140	136	89	67	149	502
29	73	117	142	517	---	312	e138	132	89	67	93	310
30	70	168	132	433	---	823	136	132	99	67	74	237
31	74	---	125	372	---	1990	---	128	---	74	70	---
TOTAL	2297	3057	7778	13370	7690	11324	9014	13631	3014	2347	2146	5083
MEAN	74.1	102	251	431	275	365	300	440	100	75.7	69.2	169
MAX	103	501	989	3600	551	1990	1070	2920	130	108	149	896
MIN	66	57	99	96	171	165	136	128	85	59	63	59
CFSM	0.39	0.53	1.31	2.25	1.43	1.90	1.56	2.29	0.52	0.39	0.36	0.88
IN.	0.45	0.59	1.51	2.59	1.49	2.19	1.75	2.64	0.58	0.45	0.42	0.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2002, BY WATER YEAR (WY)

MEAN	149	235	372	575	680	737	510	332	193	186	136	149
MAX	679	1150	1420	1709	2187	1970	1103	1029	738	709	497	1309
(WY)	1990	1949	1968	1947	1990	1980	1979	1984	1989	1989	1984	1950
MIN	54.2	61.2	72.5	106	157	166	129	90.6	71.2	65.0	68.4	61.3
(WY)	2001	1988	2000	1981	1941	1988	1986	1986	1988	1986	1986	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1937 - 2002	
ANNUAL TOTAL	88424		80751			
ANNUAL MEAN	242		221		353	
HIGHEST ANNUAL MEAN					628	1990
LOWEST ANNUAL MEAN					133	1986
HIGHEST DAILY MEAN	3820	Mar 21	3600	Jan 25	19600	Feb 16 1990
LOWEST DAILY MEAN	57	Nov 9	57	Nov 9	38	Oct 17 1937
ANNUAL SEVEN-DAY MINIMUM	64	Nov 8	60	Sep 7	52	Oct 7 2000
MAXIMUM PEAK FLOW			5320	May 5	30100	Feb 16 1990
MAXIMUM PEAK STAGE			14.45	May 5	22.63	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.26		1.15		1.84	
ANNUAL RUNOFF (INCHES)	17.13		15.65		24.98	
10 PERCENT EXCEEDS	499		430		700	
50 PERCENT EXCEEDS	130		119		176	
90 PERCENT EXCEEDS	73		65		81	

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA SOURCE AGENCY USGS STATE 13 COUNTY 055
LATITUDE 342759 LONGITUDE 0852010 NAD83 DRAINAGE AREA 192 CONTRIBUTING DRAINAGE AREA 192* DATUM 613.47 NGVD29
Date Processed: 2003-03-11 13:44 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.15	2.30	2.98	2.56	3.65	2.76	6.20	3.38	2.53	2.40	2.12	2.13
2	2.13	2.29	2.78	2.54	3.54	2.87	5.20	3.27	2.52	2.26	2.12	2.12
3	2.12	2.15	2.64	2.52	3.37	3.58	4.66	3.93	2.55	2.42	2.11	2.10
4	2.13	2.16	2.54	2.50	3.28	3.42	4.25	10.78	2.47	2.41	2.10	2.09
5	2.16	2.13	2.48	2.48	3.17	3.27	3.98	10.13	2.35	2.08	2.09	2.09
6	2.15	2.19	2.46	2.59	3.27	3.18	3.80	5.64	2.50	2.05	2.09	2.08
7	2.11	2.17	2.43	2.66	4.45	3.11	3.65	4.84	2.47	2.19	2.09	2.08
8	2.12	2.11	2.42	2.57	4.30	3.06	3.55	4.28	2.45	2.17	2.09	2.06
9	2.11	2.03	2.41	2.54	4.02	3.01	3.50	3.89	2.43	2.15	2.09	2.06
10	2.11	2.07	2.42	2.51	3.82	3.01	3.55	3.98	2.40	2.15	2.09	2.07
11	2.15	2.11	2.60	2.50	3.63	2.97	3.40	3.74	2.37	2.18	2.09	2.06
12	2.15	2.12	2.63	2.48	3.46	3.02	3.43	3.47	2.36	2.22	2.09	2.05
13	2.16	2.11	3.33	2.47	3.34	3.46	3.47	3.33	2.36	2.25	2.09	2.06
14	2.39	2.11	5.93	2.45	3.22	3.52	3.45	3.24	2.37	2.30	2.09	2.11
15	2.39	2.12	4.90	2.42	3.15	3.43	---	3.11	2.39	2.24	2.11	2.09
16	2.26	2.11	3.97	2.41	3.08	---	---	3.01	2.37	2.19	2.12	2.06
17	2.21	2.12	3.86	2.39	3.04	---	---	2.96	2.34	2.17	2.13	2.09
18	2.19	2.13	5.10	2.40	2.97	3.18	2.91	3.06	2.30	2.16	2.14	2.09
19	2.20	2.13	4.11	2.94	2.92	3.15	2.87	2.98	2.30	2.15	2.12	2.07
20	2.19	2.15	3.65	4.67	3.00	3.23	2.85	2.89	2.29	2.17	2.11	2.08
21	2.20	2.08	3.34	4.26	3.10	4.26	2.82	2.83	2.29	2.15	2.10	2.96
22	2.20	2.10	3.15	4.03	2.97	4.14	---	2.77	2.26	2.14	2.10	3.93
23	2.16	2.15	3.06	5.05	2.93	3.96	---	2.73	2.27	2.12	2.10	2.76
24	2.17	2.30	3.01	6.20	2.91	3.81	---	2.69	2.26	2.13	2.10	2.54
25	2.17	4.17	2.89	12.57	2.88	3.71	---	2.67	2.28	2.14	2.15	2.73
26	2.14	3.37	2.81	7.22	2.86	3.69	---	2.65	2.28	2.14	2.10	5.61
27	2.15	2.85	2.76	5.47	2.83	3.70	---	2.63	2.28	2.13	2.09	5.28
28	2.17	2.63	2.71	4.78	2.79	3.49	---	2.59	2.29	2.12	2.65	4.26
29	2.17	2.52	2.68	4.33	---	3.48	---	2.57	2.29	2.12	2.31	3.47
30	2.14	2.81	2.62	4.00	---	5.33	2.59	2.56	2.35	2.12	2.17	3.13
31	2.18	---	2.58	3.75	---	9.25	---	2.54	---	2.18	2.14	---
MEAN	2.18	2.33	3.14	3.69	3.28	---	---	3.71	2.37	2.19	2.13	2.61
MAX	2.39	4.17	5.93	12.57	4.45	---	---	10.78	2.55	2.42	2.65	5.61
MIN	2.11	2.03	2.41	2.39	2.79	---	---	2.54	2.26	2.05	2.09	2.05

MOBILE RIVER BASIN
2002 Water Year

02398022 CHATTOOGA RIVER AT LYERLY, GA

LOCATION.--Lat 34°24'40", long 85°23'18" referenced to North American Datum (NAD) of 1927, Chattooga County, Hydrologic Unit 03150105, 7.0 miles south of US 27, 0.7 miles east of GA 114 on Mohawk Industries property.

DRAINAGE AREA.—238 mi^2.

COOPERATION.—City of Summerville.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—May 5, 1998 to current year.

GAGE.—Standard USGS vertical staff gage. Datum of gage is 590.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

RATING.—Rating Number 1, effective October 1998 to current water year.

REMARKS.—Records good. Measurements for 2001 water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
12/05/01	3.88	133
06/13/02	3.92	137
09/06/02	3.60	78.5

MOBILE RIVER BASIN
2002 Water Year

02398037 CHATTOOGA RIVER AT CHATTOOGAVILLE, GA

LOCATION.—Lat 34°20'08", long 85°26'43" referenced to North American Datum (NAD) of 1927, Chattooga County, Hydrologic Unit 03150105, at bridge on Holland-Chattoogaville Road, 0.4 miles downstream from Hinton Creek, and 0.7 miles south of Chattoogaville.

DRAINAGE AREA.—281 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—December 1999 to current year.

GAGE.—Water-stage recorder. Datum of gage is 580.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year. This station is operated by the USGS, Alabama District. For more information, please check http://al.water.usgs.gov.

STATION NUMBER 02398037 CHATTOOGA RIVER AT CHATTOOGAVILLE, GA. LAKE SOURCE AGENCY USGS STATE 13 COUNTY 055
LATITUDE 342008 LONGITUDE 0852643 NAD27 DRAINAGE AREA 281 CONTRIBUTING DRAINAGE AREA 281* DATUM
Date Processed: 2003-02-25 10:02 By jpearman
APPROVED RECORD
DISCHARGE, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	103	266	167	521	202	1750	236	175	138	104	96
2	89	110	216	162	476	240	1090	428	172	125	94	94
3	89	102	181	154	408	440	847	357	168	136	92	91
4	88	93	156	152	372	420	700	2310	178	145	89	88
5	91	93	145	148	321	364	605	4200	157	118	88	88
6	98	93	140	168	404	329	544	1480	166	96	86	88
7	90	96	136	193	819	305	489	878	163	102	86	88
8	89	96	132	169	743	289	438	722	155	108	87	88
9	86	93	131	159	648	273	430	603	152	103	87	85
10	87	89	134	155	571	266	426	686	147	103	87	85
11	90	92	157	152	503	244	392	615	141	106	85	87
12	93	96	177	148	445	262	367	503	138	107	84	88
13	96	97	228	150	410	390	370	452	138	110	84	88
14	134	96	1060	146	375	425	356	421	141	116	85	98
15	127	93	930	139	347	387	332	377	143	113	88	98
16	111	94	579	136	324	398	309	336	139	104	90	94
17	102	95	536	134	301	477	288	315	136	102	95	92
18	97	94	920	138	276	379	271	351	130	99	98	96
19	99	93	636	368	260	350	256	332	126	99	97	96
20	111	96	499	888	282	379	244	291	125	98	90	96
21	117	91	408	832	325	803	236	263	125	97	89	198
22	118	92	348	713	280	668	227	247	121	96	89	1100
23	114	95	317	985	258	560	208	236	121	93	88	313
24	112	110	315	1730	247	505	200	228	122	94	88	187
25	111	436	269	4860	235	456	205	217	120	96	91	270
26	97	479	242	3540	229	453	199	211	127	96	90	1240
27	93	250	221	1260	223	462	192	204	124	95	90	1100
28	93	186	211	935	212	399	190	194	123	92	296	766
29	95	158	200	760	---	371	196	186	123	91	157	482
30	93	190	185	638	---	1260	180	184	120	91	106	362
31	93	---	175	550	---	3640	---	184	---	97	98	---
TOTAL	3096	4001	10250	20829	10815	16396	12537	18247	4216	3266	3078	7842
MEAN	99.87	133.4	330.6	671.9	386.2	528.9	417.9	588.6	140.5	105.4	99.29	261.4
MAX	134	479	1060	4860	819	3640	1750	4200	178	145	296	1240
MIN	86	89	131	134	212	202	180	184	120	91	84	85
CFSM	0.36	0.47	1.18	2.39	1.37	1.88	1.49	2.09	0.50	0.37	0.35	0.93
IN.	0.41	0.53	1.36	2.76	1.43	2.17	1.66	2.42	0.56	0.43	0.41	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

MEAN	85.94	170.6	258.7	433.5	406.4	774.4	616.8	307.7	163.6	126.2	119.6	152.5
MAX	99.9	208	331	672	565	1190	1004	589	219	180	165	261
(WY)	2002	2001	2002	2002	2001	2001	2000	2002	2001	2001	2001	2002
MIN	72.0	133	187	223	273	529	418	155	131	93.0	94.5	79.0
(WY)	2001	2002	2001	2000	2000	2002	2002	2001	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 2000 - 2002	
ANNUAL TOTAL	121048		114573			
ANNUAL MEAN	331.6		313.9		318.5	
HIGHEST ANNUAL MEAN					323	2001
LOWEST ANNUAL MEAN					314	2002
HIGHEST DAILY MEAN	5740	Mar 21	4860	Jan 25	6430	Apr 5 2000
LOWEST DAILY MEAN	86	Oct 9	84	Aug 12	65	Oct 8 2000
ANNUAL SEVEN-DAY MINIMUM	90	Oct 4	86	Aug 8	67	Oct 7 2000
MAXIMUM PEAK FLOW			5170	Jan 25	7140	Apr 5 2000
MAXIMUM PEAK STAGE			14.85	Jan 25	17.99	Apr 5 2000
ANNUAL RUNOFF (CFSM)	1.18		1.12		1.13	
ANNUAL RUNOFF (INCHES)	16.02		15.17		15.40	
10 PERCENT EXCEEDS	661		623		638	
50 PERCENT EXCEEDS	170		162		167	
90 PERCENT EXCEEDS	96		90		90	

02411735 McCLENDON CREEK TRIBUTARY AT GA 120, NEAR DALLAS, GA

LOCATION.—Lat 33°50'58", long 84°57'20" referenced to North American Datum (NAD) of 1927, Paulding County, Hydrologic Unit 03150108, at culvert on GA 120, 9.3 miles southwest of Dallas.

DRAINAGE AREA.—0.88 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 1,200.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 8.23 feet, May 27, 1981
DISCHARGE: 860 ft^3/s, May 27, 1981

MAXIMUM FOR CURRENT YEAR.—
STAGE: 3.46 feet, September 17
DISCHARGE: 218 ft^3/s, September 17

02411902 MANN CREEK TRIBUTARY AT GA 100, NEAR TALLOPOOSA, GA

LOCATION.—Lat 33°51'16", long 85°17'28" referenced to North American Datum (NAD) of 1927, Haralson County, Hydrologic Unit 03150108, at culvert on GA 100, 7.0 miles north of Tallapoosa.

DRAINAGE AREA.—0.12 mi^2.

COOPERATION.—Georgia Department of Transportation.

PEAK-DISCHARGE RECORDS

PERIOD OF RECORD.—1977 to current year.

GAGE.—Crest-stage partial-record gage. Datum of gage is 1,120.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but it not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

MAXIMUM FOR PERIOD OF RECORD.—
STAGE: 6.47 feet, September 17, 2002
DISCHARGE: 142 ft^3/s, September 17, 2002

MAXIMUM FOR CURRENT YEAR.—
STAGE: 6.47 feet, September 17
DISCHARGE: 142 ft^3/s, September 17

MOBILE RIVER BASIN
2002 Water Year

02411930 TALLAPOOSA RIVER BELOW TALLAPOOSA, GA

LOCATION.—Lat 33°44'27", long 85°20'11" referenced to North American Datum (NAD) of 1927, Haralson County, Hydrologic Unit 03150108, at bridge on US 78, 0.4 miles upstream from Walker Creek, and 2.7 miles west of Tallapoosa, and at mile 216.5.

DRAINAGE AREA.—272 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—December 1999 to current year.

GAGE.—Water-stage recorder. Datum of gage is 910.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year. This station is operated by the USGS, Alabama District. For more information, please check http://al.water.usgs.gov.

STATION NUMBER 02411930 TALLAPOOSA RIVER BELOW TALLAPOOSA, GEORGIA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 143
LATITUDE 334427 LONGITUDE 0852011 NAD27 DRAINAGE AREA 272 CONTRIBUTING DRAINAGE AREA 272* DATUM
Date Processed: 2003-02-25 10:02 By jpearman
APPROVED RECORD
DISCHARGE, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	45	105	96	262	153	1690	405	104	75	388	27
2	27	47	96	95	251	213	674	293	96	68	160	25
3	25	47	83	94	229	378	488	791	88	216	123	24
4	23	49	76	91	209	331	396	1620	98	130	89	22
5	23	46	70	90	194	253	338	1290	145	95	63	20
6	98	47	68	114	315	223	295	637	103	70	50	15
7	119	46	67	145	772	209	269	433	95	58	45	16
8	68	46	65	144	589	206	256	335	91	50	39	15
9	49	46	66	126	416	212	255	269	83	43	35	14
10	42	47	79	117	339	226	257	290	75	38	31	13
11	41	46	104	112	291	212	247	288	69	38	27	12
12	39	49	103	107	262	226	244	244	62	91	24	11
13	40	47	102	104	244	263	273	215	57	67	22	12
14	51	46	203	103	227	269	279	198	55	117	20	285
15	59	45	200	103	216	243	255	175	71	156	23	801
16	50	46	146	98	206	229	238	161	68	102	25	303
17	44	47	132	95	196	225	221	147	59	71	181	169
18	42	47	203	94	187	220	206	166	55	55	380	196
19	42	48	228	765	178	206	191	162	51	46	177	330
20	42	48	160	1830	200	197	176	152	47	41	129	221
21	42	48	124	1010	236	252	166	129	43	39	79	681
22	42	48	108	712	224	280	161	121	41	43	59	2840
23	43	51	132	498	197	240	153	115	40	61	47	1070
24	44	61	253	462	181	214	145	109	38	95	40	476
25	49	119	237	2650	173	201	140	104	44	95	35	446
26	51	114	171	1430	169	207	133	102	152	171	31	995
27	46	88	140	630	165	229	134	101	238	136	30	883
28	43	72	123	480	156	224	134	121	231	88	29	688
29	44	66	115	413	---	203	215	118	124	72	29	421
30	44	91	105	348	---	777	296	114	96	58	29	303
31	47	---	100	284	---	3290	---	105	---	178	27	---
TOTAL	1446	1693	3964	13440	7284	10811	8925	9510	2619	2663	2466	11334
MEAN	46.65	56.43	127.9	433.5	260.1	348.7	297.5	306.8	87.30	85.90	79.55	377.8
MAX	119	119	253	2650	772	3290	1690	1620	238	216	388	2840
MIN	23	45	65	90	156	153	133	101	38	38	20	11
CFSM	0.17	0.21	0.47	1.59	0.96	1.28	1.09	1.13	0.32	0.32	0.29	1.39
IN.	0.20	0.23	0.54	1.84	1.00	1.48	1.22	1.30	0.36	0.36	0.34	1.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

MEAN	30.74	130.1	129.1	333.6	310.0	532.7	385.4	216.8	147.4	76.63	56.13	154.1
MAX	46.6	204	130	434	397	900	430	307	306	127	79.5	378
(WY)	2002	2001	2001	2002	2001	2001	2001	2002	2001	2001	2002	2002
MIN	14.8	56.4	128	245	260	349	298	112	48.9	17.2	22.8	18.7
(WY)	2001	2002	2002	2000	2002	2002	2002	2000	2000	2000	2000	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 2000 - 2002	
ANNUAL TOTAL	93323		76155			
ANNUAL MEAN	255.7		208.6		237.0	
HIGHEST ANNUAL MEAN					265	2001
LOWEST ANNUAL MEAN					209	2002
HIGHEST DAILY MEAN	3810	Mar 21	3290	Mar 31	3810	Mar 21 2001
LOWEST DAILY MEAN	23	Oct 4	11	Sep 12	6.1	Jul 23 2000
ANNUAL SEVEN-DAY MINIMUM	26	Sep 29	13	Sep 7	7.2	Jul 22 2000
MAXIMUM PEAK FLOW			3820	Sep 22	4870	Mar 20 2001
MAXIMUM PEAK STAGE			13.49	Sep 22	16.72	Mar 20 2001
ANNUAL RUNOFF (CFSM)	0.94		0.77		0.87	
ANNUAL RUNOFF (INCHES)	12.76		10.42		11.84	
10 PERCENT EXCEEDS	531		391		486	
50 PERCENT EXCEEDS	154		115		141	
90 PERCENT EXCEEDS	42		39		31	

02413210 LITTLE TALLAPOOSA RIVER BELOW BOWDON, GA

LOCATION.—Lat 33°29'34", long 85°16'45" referenced to North American Datum (NAD) of 1927, Carroll County, Hydrologic Unit 03150108, at bridge on GA 100, 1.9 miles upstream from Indian Creek, and 3.8 miles southwest of Bowdon.

DRAINAGE.—245 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—December 1999 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 910.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year. This station is operated by the USGS, Alabama District. For more information, please check http://al.water.usgs.gov.

STATION NUMBER 02413210 LITTLE TALLAPOOSA RIVER BELOW BOWDON, GEORGIA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 045
LATITUDE 332934 LONGITUDE 0851645 NAD27 DRAINAGE AREA 245 CONTRIBUTING DRAINAGE AREA 245* DATUM
Date Processed: 2003-02-25 10:03 By jpearman
APPROVED RECORD
DISCHARGE, in CFS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	46	81	59	257	137	1100	640	73	87	45	20
2	29	48	71	58	245	267	1000	434	72	94	63	19
3	27	50	65	54	216	574	679	435	68	102	58	16
4	25	49	57	57	194	459	425	1220	64	83	53	18
5	24	45	54	56	177	333	324	1330	69	74	44	19
6	27	46	56	72	302	274	278	1090	92	67	35	18
7	30	43	60	104	888	241	247	633	115	49	27	17
8	41	41	56	98	764	217	225	405	97	41	22	17
9	40	41	51	80	505	204	221	316	80	36	19	21
10	39	40	57	72	388	204	223	274	72	33	16	19
11	39	40	72	69	319	192	216	303	61	33	14	18
12	39	39	75	64	282	198	221	275	53	43	13	15
13	40	38	74	65	253	265	295	222	51	51	12	23
14	51	40	111	62	223	281	310	227	72	107	13	570
15	59	41	149	60	206	255	265	193	68	141	15	675
16	57	42	109	58	196	250	238	157	53	89	20	304
17	50	42	102	56	188	270	210	140	58	62	26	179
18	45	50	186	58	172	237	193	146	52	50	28	125
19	42	42	193	281	167	210	176	162	44	42	46	133
20	42	43	123	1120	166	193	158	143	41	36	55	121
21	42	47	88	1190	196	248	145	122	38	31	39	201
22	44	48	75	893	198	277	130	108	36	32	30	1040
23	44	49	75	819	182	234	124	102	37	40	23	1690
24	41	53	108	633	171	199	113	96	45	58	19	1390
25	44	65	110	1550	161	188	109	91	49	50	17	439
26	48	65	90	1480	157	212	105	84	68	70	15	622
27	53	62	83	1140	150	352	100	82	90	91	16	719
28	49	56	77	591	140	334	103	87	168	101	22	592
29	48	55	69	399	---	267	185	84	135	77	20	386
30	49	65	66	321	---	300	267	79	106	55	21	277
31	48	---	62	280	---	726	---	77	---	50	19	---
TOTAL	1287	1431	2705	11899	7463	8598	8385	9757	2127	1975	865	9703
MEAN	41.52	47.70	87.26	383.8	266.5	277.4	279.5	314.7	70.90	63.71	27.90	323.4
MAX	59	65	193	1550	888	726	1100	1330	168	141	63	1690
MIN	24	38	51	54	140	137	100	77	36	31	12	15
CFSM	0.17	0.19	0.36	1.57	1.09	1.13	1.14	1.28	0.29	0.26	0.11	1.32
IN.	0.20	0.22	0.41	1.81	1.13	1.31	1.27	1.48	0.32	0.30	0.13	1.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

MEAN	31.48	104.3	106.4	304.2	297.8	575.1	431.7	183.7	130.2	65.67	36.98	136.7
MAX	41.5	161	126	384	344	1088	538	315	277	110	51.4	323
(WY)	2002	2001	2001	2002	2001	2001	2000	2002	2001	2001	2001	2002
MIN	21.5	47.7	87.3	202	267	277	280	90.5	42.9	22.8	27.9	28.9
(WY)	2001	2002	2002	2000	2002	2002	2002	2000	2000	2000	2002	2000

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 2000 - 2002	
ANNUAL TOTAL	92789		66195			
ANNUAL MEAN	254.2		181.4		223.2	
HIGHEST ANNUAL MEAN					265	2001
LOWEST ANNUAL MEAN					181	2002
HIGHEST DAILY MEAN	3110	Mar 21	1690	Sep 23	3110	Mar 21 2001
LOWEST DAILY MEAN	24	Oct 5	12	Aug 13	12	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	28	Oct 1	15	Aug 9	15	Aug 9 2002
MAXIMUM PEAK FLOW			2050	Sep 22	3660	Mar 20 2001
MAXIMUM PEAK STAGE			10.66	Sep 22	14.19	Mar 20 2001
ANNUAL RUNOFF (CFSM)	1.04		0.74		0.91	
ANNUAL RUNOFF (INCHES)	14.09		10.05		12.38	
10 PERCENT EXCEEDS	568		401		508	
50 PERCENT EXCEEDS	113		77		108	
90 PERCENT EXCEEDS	39		27		27	

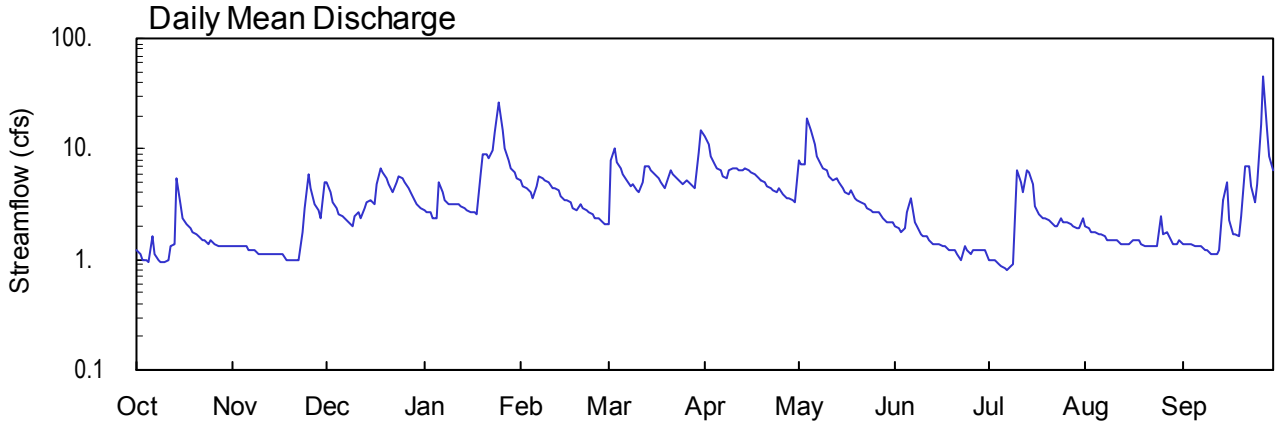
TENNESSEE RIVER BASIN

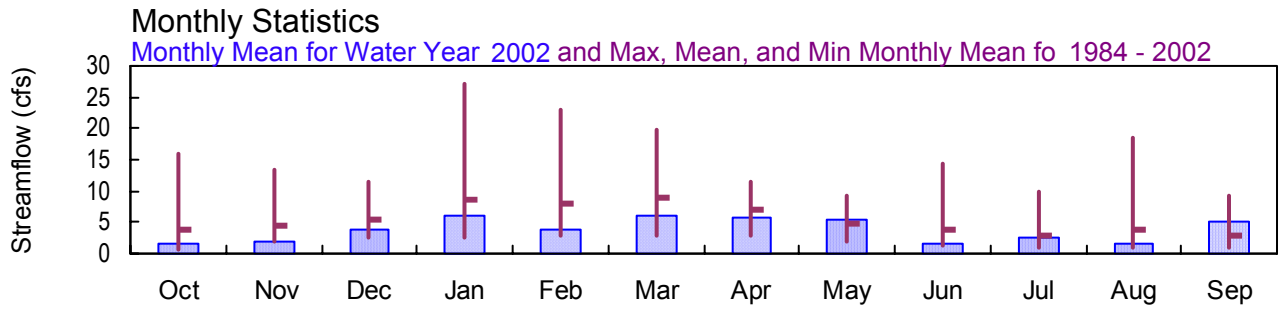
2002 Water Year

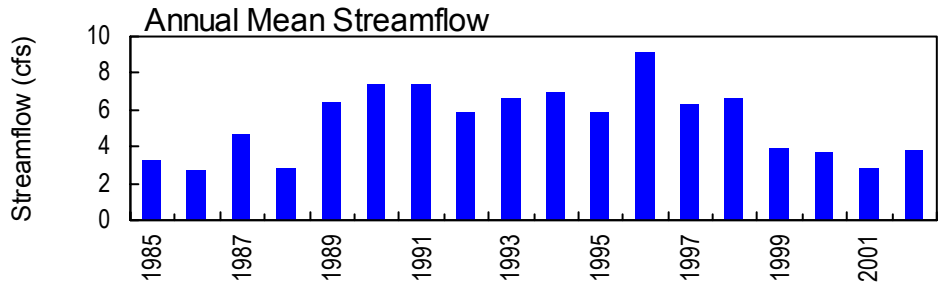
03544947 BRIER CREEK NEAR HIAWASSEE, GA

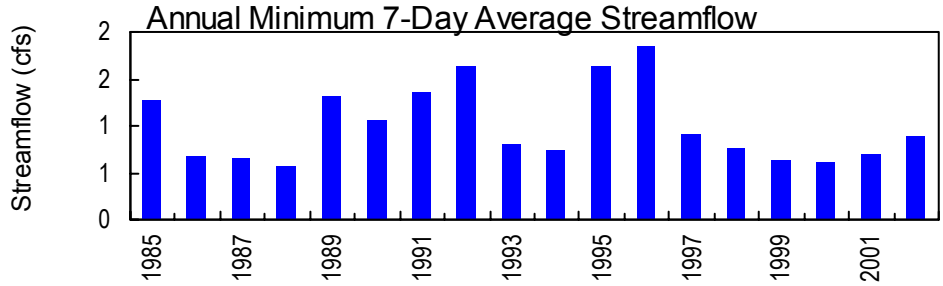
Latitude: 34°50'05" Longitude: 83°42'34" Hydrologic Unit Code: 06020002 Towns County

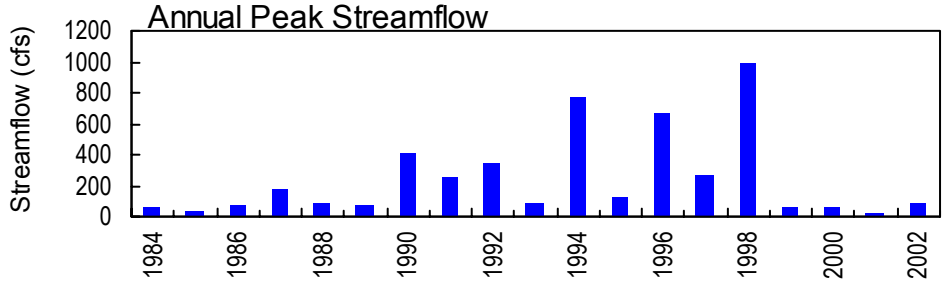
Drainage Area: 1.67 mi^2 Datum: 2,141.43 feet











TENNESSEE RIVER BASIN
2002 Water Year

03544947 BRIER CREEK NEAR HIAWASSEE, GA

LOCATION.—Lat 34°50'05", long 83°42'34" referenced to North American Datum (NAD) of 1927, Towns County, Hydrologic Unit 06020002, on left bank, 0.3 miles upstream from Corbin Creek, and 8.2 miles southeast of Hiawassee.

DRAINAGE AREA.--1.67 mi^2.

COOPERATION.—USGS Carbon Program.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 1984 to current year.

REVISED RECORDS.—WDR GA-89-1: Drainage area. WDR GA-90-1: 1984- 89(M).

GAGE.—Water-stage recorder. Datum of gage is 2,141.43 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records are fair, except those greater than 20.0 ft^3/s, which are poor and those periods of estimated discharge which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharge greater than base discharge of 35 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Jul. 10	1645	47	2.62
Sep. 27	0800	96*	2.91*

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 1984 to current year.

GAGE.—Water-stage recorder. Datum of gage is 2,141.43 feet above National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 2.91 feet, September 27; minimum gage-height recorded, 1.39 feet, September 12.

STATION NUMBER 03544947 BRIER CREEK NEAR HIAWASSEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 281
LATITUDE 345005 LONGITUDE 0834234 NAD27 DRAINAGE AREA 1.67* CONTRIBUTING DRAINAGE AREA 1.67 DATUM 2141.43 NGVD29
Date Processed: 2003-03-11 13:46 By acday
APPROVED
DD #1, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.3	4.9	2.8	5.3	2.1	13	8.0	2.0	1.0	2.0	1.4
2	1.1	1.3	4.1	2.7	4.6	7.9	11	7.3	1.9	1.0	1.9	1.4
3	1.0	1.3	3.3	2.7	4.4	10	8.6	7.3	1.8	0.98	1.8	1.4
4	0.99	1.3	2.9	2.4	4.1	7.7	7.4	19	1.9	0.92	1.8	1.4
5	0.96	1.3	2.6	2.4	3.6	6.6	6.8	15	2.7	0.88	1.7	1.3
6	1.6	1.2	2.5	5.0	4.6	5.8	6.3	11	3.6	0.82	1.7	1.3
7	1.1	1.2	2.3	4.1	5.6	5.2	5.6	8.6	2.2	0.79	1.6	1.3
8	1.00	1.2	2.2	3.4	5.5	4.6	5.4	7.4	2.0	0.88	1.5	1.2
9	0.96	1.1	2.0	3.1	5.3	4.7	6.3	6.8	1.7	0.92	1.5	1.2
10	0.96	1.1	2.5	3.1	4.9	4.3	6.7	6.3	1.6	6.5	1.5	1.1
11	1.0	1.1	2.7	3.2	4.5	4.1	6.6	5.6	1.6	5.0	1.5	1.1
12	1.3	1.1	2.4	3.1	4.4	4.9	6.5	5.3	1.5	4.0	1.4	1.1
13	1.4	1.1	2.9	3.0	4.2	7.0	6.5	5.4	1.4	6.5	1.4	1.2
14	5.5	1.1	3.3	2.9	3.8	7.0	6.7	4.9	1.4	6.2	1.4	3.5
15	3.2	1.1	3.4	2.8	3.5	6.4	6.5	4.4	1.4	4.8	1.4	5.1
16	2.4	1.1	3.2	2.7	3.4	5.9	6.2	4.1	1.3	e3.0	1.5	2.3
17	2.1	1.1	4.7	2.7	3.3	5.4	5.8	3.9	1.3	e2.6	1.5	1.7
18	1.9	1.0	6.6	2.6	2.9	5.0	5.4	4.3	1.2	e2.4	1.5	1.7
19	1.8	1.0	6.2	6.0	2.8	4.5	5.2	3.6	1.2	2.4	1.4	1.6
20	1.7	1.0	5.4	8.8	3.2	4.9	4.9	3.4	1.2	2.3	1.3	2.5
21	1.6	1.0	4.7	9.1	2.9	6.3	4.6	3.3	1.1	2.2	1.3	7.1
22	1.5	1.0	4.1	8.4	2.8	5.9	4.4	3.1	1.0	2.0	1.3	7.0
23	1.5	1.8	5.0	9.9	2.7	5.4	4.2	2.9	1.3	2.0	1.3	4.6
24	1.4	2.9	5.7	14	2.6	5.1	4.0	2.8	1.2	2.4	1.3	3.3
25	1.5	5.9	5.4	26	2.4	4.8	4.5	2.7	1.1	2.2	2.5	4.8
26	1.4	4.4	5.0	15	2.4	5.2	3.9	2.7	1.2	2.2	1.7	17
27	1.3	3.2	4.5	10	2.2	5.0	3.6	2.7	1.2	2.1	1.8	46
28	1.3	2.8	4.1	8.0	2.1	4.6	3.6	2.4	1.2	2.0	1.5	15
29	1.3	2.4	3.5	6.7	---	4.5	3.5	2.2	1.2	1.9	1.4	8.7
30	1.3	5.1	3.1	6.1	---	9.3	3.3	2.2	1.2	1.9	1.4	6.4
31	1.3	---	2.9	5.5	---	15	---	2.2	---	2.4	1.5	---
TOTAL	48.57	53.5	118.1	188.2	104.0	185.1	177.0	170.8	46.6	77.19	48.3	154.7
MEAN	1.57	1.78	3.81	6.07	3.71	5.97	5.90	5.51	1.55	2.49	1.56	5.16
MAX	5.5	5.9	6.6	26	5.6	15	13	19	3.6	6.5	2.5	46
MIN	0.96	1.0	2.0	2.4	2.1	2.1	3.3	2.2	1.0	0.79	1.3	1.1
CFSM	0.94	1.07	2.28	3.64	2.22	3.58	3.53	3.30	0.93	1.49	0.93	3.09
IN.	1.08	1.19	2.63	4.19	2.32	4.12	3.94	3.80	1.04	1.72	1.08	3.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2002, BY WATER YEAR (WY)

MEAN	3.95	4.40	5.28	8.50	8.01	9.08	7.13	4.76	3.73	2.92	3.90	2.85
MAX	15.8	13.4	11.5	27.0	22.9	19.9	11.6	9.28	14.5	9.75	18.6	9.13
(WY)	1996	1993	1997	1996	1990	1990	1991	1991	1989	1989	1994	1996
MIN	0.64	1.76	2.44	2.64	2.99	2.92	2.73	2.07	1.39	0.87	0.82	0.87
(WY)	1988	2002	1985	1985	1986	1988	1986	2001	2000	1986	1986	1986

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1984 - 2002	
ANNUAL TOTAL	1057.42		1350.80			
ANNUAL MEAN	2.90		3.70		5.35	
HIGHEST ANNUAL MEAN					9.17	1996
LOWEST ANNUAL MEAN					2.69	1986
HIGHEST DAILY MEAN	18	Jan 19	46	Sep 27	330	Jan 7 1998
LOWEST DAILY MEAN	0.89	Sep 18	0.76	Jul 9	0.56	Oct 15 1987
ANNUAL SEVEN-DAY MINIMUM	0.96	Aug 23	0.86	Jul 3	0.57	Oct 13 1987
MAXIMUM PEAK FLOW			96	Sep 27	990	Jan 7 1998
MAXIMUM PEAK STAGE			2.91	Sep 27	4.18	Jan 7 1998
ANNUAL RUNOFF (CFSM)	1.73		2.22		3.21	
ANNUAL RUNOFF (INCHES)	23.55		30.09		43.55	
10 PERCENT EXCEEDS	5.3		6.9		9.6	
50 PERCENT EXCEEDS	2.4		2.7		3.7	
90 PERCENT EXCEEDS	1.1		1.1		1.1	

e Estimated

STATION NUMBER 03544947 BRIER CREEK NEAR HIAWASSEE, GA SOURCE AGENCY USGS STATE 13 COUNTY 281
LATITUDE 345005 LONGITUDE 0834234 NAD27 DRAINAGE AREA 1.67 CONTRIBUTING DRAINAGE AREA 1.67* DATUM 2141.43 NGVD29
Date Processed: 2003-03-11 13:45 By acday
APPROVED
DD #2, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.57	1.58	1.85	1.73	1.91	1.74	2.16	2.01	1.74	1.63	1.51	1.45
2	1.56	1.58	1.81	1.72	1.89	1.97	2.09	1.99	1.73	1.63	1.50	1.45
3	1.55	1.58	1.77	1.72	1.87	2.08	2.04	1.99	1.72	1.63	1.49	1.45
4	1.55	1.58	1.74	1.70	1.86	2.01	2.00	2.27	1.72	1.61	1.49	1.45
5	1.54	1.58	1.71	1.70	1.84	1.97	1.98	2.20	1.78	1.61	1.48	1.44
6	1.62	1.57	1.70	1.85	1.88	1.94	1.96	2.09	1.82	1.60	1.48	1.43
7	1.56	1.57	1.69	1.81	1.93	1.91	1.93	2.04	1.75	1.59	1.47	1.43
8	1.55	1.57	1.68	1.77	1.93	1.89	1.92	2.00	1.73	1.61	1.46	1.42
9	1.54	1.56	1.66	1.75	1.92	1.89	1.96	1.97	1.71	1.59	1.46	1.42
10	1.54	1.56	1.70	1.75	1.90	1.87	1.97	1.96	1.70	1.76	1.46	1.41
11	1.55	1.56	1.72	1.76	1.88	1.86	1.97	1.93	1.70	1.72	1.46	1.41
12	1.59	1.56	1.70	1.75	1.88	1.90	1.96	1.92	1.69	1.66	1.45	1.40
13	1.60	1.56	1.74	1.75	1.86	1.98	1.96	1.92	1.68	1.79	1.45	1.42
14	1.87	1.56	1.77	1.74	1.84	1.98	1.97	1.90	1.68	1.79	1.45	1.61
15	1.76	1.56	1.77	1.73	1.83	1.96	1.97	1.88	1.67	1.71	1.45	1.73
16	1.70	1.56	1.76	1.72	1.82	1.94	1.95	1.86	1.67	---	1.46	1.53
17	1.67	1.56	1.83	1.72	1.81	1.92	1.94	1.85	1.66	---	1.46	1.48
18	1.65	1.55	1.93	1.71	1.80	1.90	1.92	1.87	1.65	---	1.46	1.48
19	1.64	1.55	1.91	1.88	1.79	1.88	1.91	1.84	1.65	1.55	1.45	1.47
20	1.63	1.55	1.88	2.01	1.81	1.90	1.90	1.82	1.65	1.54	1.44	1.55
21	1.62	1.55	1.84	2.02	1.80	1.96	1.89	1.82	1.64	1.53	1.44	1.83
22	1.61	1.55	1.81	2.00	1.79	1.94	1.88	1.81	1.63	1.52	1.43	1.83
23	1.61	1.62	1.85	2.05	1.78	1.92	1.86	1.80	1.67	1.52	1.43	1.70
24	1.60	1.73	1.89	2.15	1.77	1.91	1.85	1.79	1.65	1.55	1.43	1.62
25	1.61	1.90	1.88	2.39	1.76	1.89	1.88	1.78	1.64	1.53	1.53	1.70
26	1.60	1.83	1.86	2.21	1.76	1.91	1.85	1.78	1.65	1.53	1.48	2.21
27	1.59	1.76	1.83	2.09	1.75	1.90	1.84	1.78	1.65	1.52	1.49	2.57
28	1.59	1.73	1.81	2.02	1.74	1.89	1.84	1.76	1.65	1.51	1.46	2.17
29	1.59	1.70	1.78	1.97	---	1.88	1.83	1.75	1.66	1.50	1.45	1.98
30	1.58	1.86	1.75	1.95	---	2.05	1.82	1.75	1.65	1.50	1.45	1.88
31	1.58	---	1.74	1.93	---	2.20	---	1.75	---	1.54	1.46	---
MEAN	1.61	1.62	1.79	1.87	1.84	1.93	1.93	1.90	1.69	---	1.46	1.63
MAX	1.87	1.90	1.93	2.39	1.93	2.20	2.16	2.27	1.82	---	1.53	2.57
MIN	1.54	1.55	1.66	1.70	1.74	1.74	1.82	1.75	1.63	---	1.43	1.40

TENNESSEE RIVER BASIN
2002 Water Year

03550500 NOTTELY RIVER NEAR BLAIRSVILLE, GA

LOCATION.—Lat 34°50'28", long 83°56'10" referenced to North American Datum (NAD) of 1927, Union County, Hydrologic Unit 06020002, 0.2 miles upstream from Akins Creek, 2.7 miles southeast of Blairsville, 0.3 miles west of US 19.

DRAINAGE AREA.—74.8 mi^2.

COOPERATION.—City of Blairsville.

LOW-WATER RATING RECORDS

PERIOD OF RECORD.—January 1942 to March 1982, August 10, 1993 to current water year.

GAGE.—Standard USGS reference mark. Datum of gage 1812.47 feet above National Geodetic Vertical Datum (NGVD) of 1929.

RATING.—Rating Number 19, effective October 1987 to current water year.

REMARKS.—Records are good. Measurements for the current water year are as follows:

DATE	GAGE-HEIGHT (feet)	DISCHARGE (ft^3/s)
10/01/01	2.10	53.6
12/11/01	2.42	98.2
06/21/02	2.14	64.5
08/19/02	1.89	34.0

03553000 NOTTELY LAKE NEAR IVYLOG, GA

LOCATION.—Lat 34°57'29", long 84°05'22" referenced to North American Datum (NAD) of 1927, Union County, Hydrologic Unit 06020002, at dam on Nottely River, 1.3 miles upstream from Dooley Creek, 1.7 miles southwest of Ivylog, 2.5 miles upstream from Georgia-North Carolina State line, and at mile 21.0.

REMARKS.—Water levels and lake contents are collected by the Tennessee Valley Authority. Please see the following Internet location for more information:

http://lakeinfo.tva.gov/

TENNESSEE RIVER BASIN
2002 Water Year

03558500 BLUE RIDGE LAKE NEAR BLUE RIDGE, GA

LOCATION.—Lat 34°52'52", long 84°16'49" referenced to North American Datum (NAD) of 1927, Fannin County, Hydrologic Unit 06020003, 400.0 feet upstream from Blue Ridge Dam on Toccoa River, 2.5 miles northeast of Blue Ridge, and at mile 53.0.

REMARKS.—Water levels and lake contents are collected by the Tennessee Valley Authority. Please see the following Internet location for more information:

http://lakeinfo.tva.gov/

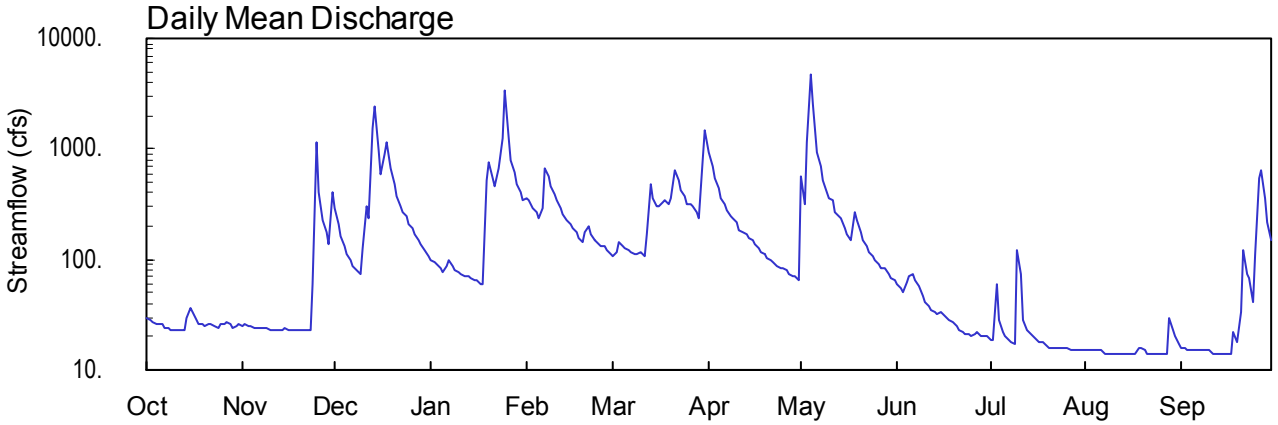
TENNESSEE RIVER BASIN

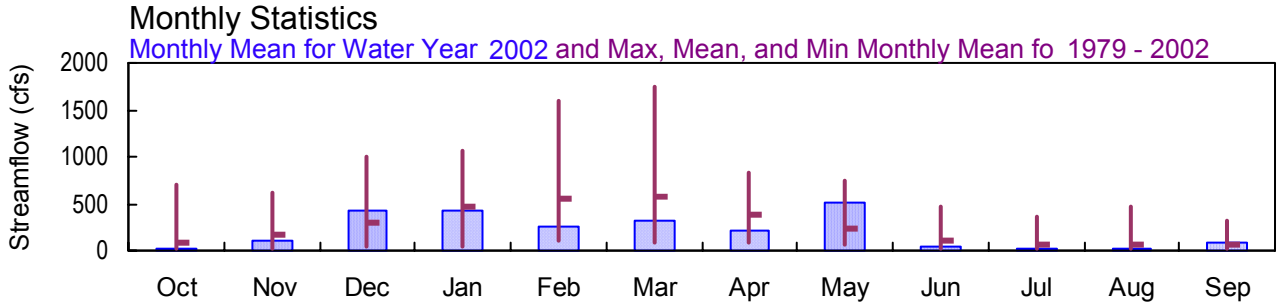
2002 Water Year

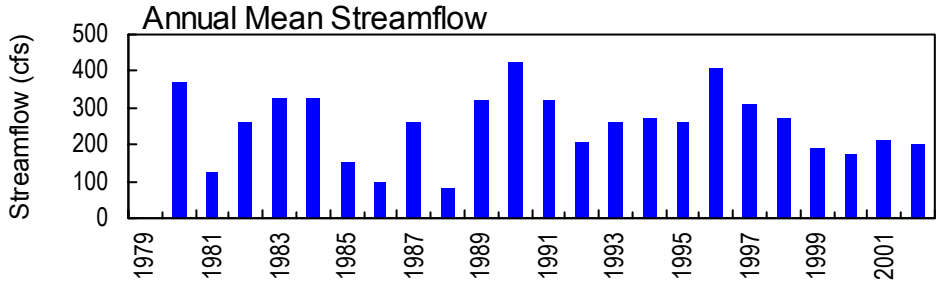
03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA

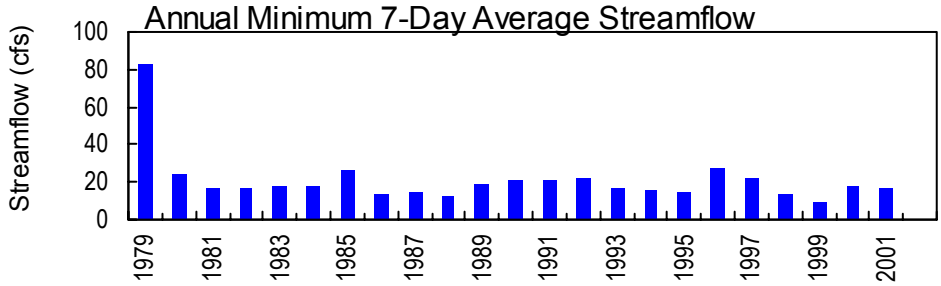
Latitude: 34°53'51" Longitude: 85°27'47" Hydrologic Unit Code: 06020001 Dade County

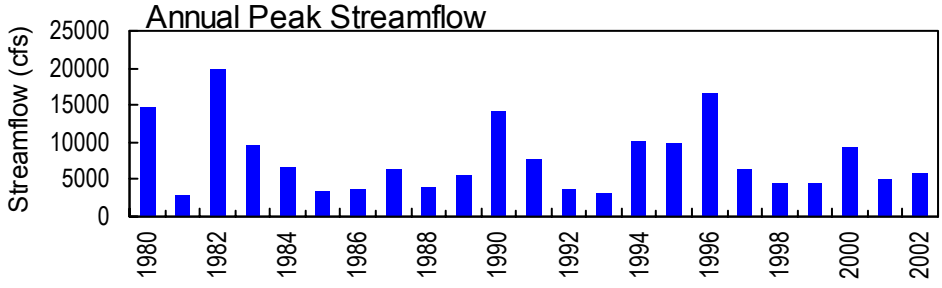
Drainage Area: 149. mi^2 Datum: 663.80 feet











TENNESSEE RIVER BASIN
2002 Water Year

03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA

LOCATION.—Lat 34°53'51", long 85°27'47" referenced to North American Datum (NAD) of 1983, Dade County, Hydrologic Unit 06020001, at bridge on County Road 2214, 0.4 miles downstream of Squirrel Town Creek, 2.2 miles southeast of New England.

DRAINAGE AREA.—149 mi^2.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 1979 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 663.80 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Tennessee Valley Authority). From August 30, 1979 to October 4, 1988, a water-stage recorder was located at a site 200.00 feet downstream at the same datum.

REMARKS.—Records good.

PEAK DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE-HEIGHT (ft)
Dec. 14	0715	3,520	13.20
Jan. 25	0300	3,930	13.55
May 4	1015	5,850*	14.88*

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1979 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 663.80 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Tennessee Valley Authority). From August 30, 1979 to October 4, 1988, a water-stage recorder was located at a site 200.00 feet downstream at the same datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 14.88 feet, May 4; minimum gage-height recorded, 3.07 feet, August 11-16, 26, 27.

03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA—continued.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 23, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA SOURCE AGENCY USGS STATE 13 COUNTY 083
LATITUDE 345351 LONGITUDE 0852747 NAD83 DRAINAGE AREA 149.00* CONTRIBUTING DRAINAGE AREA DATUM 663.80 NGVD29
Date Processed: 2003-03-11 13:47 By acday
APPROVED
DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	25	288	100	357	107	921	563	61	19	15	16
2	28	26	207	95	345	117	689	322	55	19	15	16
3	27	25	161	89	297	146	541	1160	50	61	15	15
4	26	25	133	83	268	134	435	4800	62	28	15	15
5	26	24	111	78	235	125	363	2510	71	22	15	15
6	26	24	97	88	289	120	317	948	73	20	15	15
7	24	24	88	97	674	115	277	686	66	19	14	15
8	24	24	81	86	560	111	247	515	57	18	14	15
9	23	24	74	80	469	114	232	406	47	17	14	15
10	23	23	128	76	397	117	213	363	42	122	14	15
11	23	23	300	75	342	107	183	340	38	74	14	14
12	23	23	232	72	297	172	176	272	35	28	14	14
13	23	23	1560	70	262	474	170	251	33	23	14	14
14	29	23	2450	68	231	365	159	240	32	21	14	14
15	36	24	964	66	208	307	149	195	34	20	14	14
16	33	23	597	65	193	305	136	166	32	19	14	14
17	28	23	901	61	174	333	126	148	29	18	14	14
18	26	23	1130	60	155	337	118	271	28	18	16	22
19	26	23	682	521	141	315	111	230	27	17	16	18
20	25	23	483	767	176	355	103	179	25	16	15	33
21	26	23	368	542	200	640	98	151	23	16	14	122
22	26	23	303	464	166	516	93	134	22	16	14	75
23	25	23	273	664	151	426	86	118	21	16	14	68
24	24	61	249	1270	142	366	82	107	21	16	14	42
25	26	1130	212	3350	134	318	84	97	20	16	14	110
26	26	409	189	1230	131	314	79	91	21	16	14	538
27	27	228	169	802	123	308	75	84	22	15	14	637
28	26	180	152	610	113	264	72	83	20	15	29	353
29	24	138	137	489	---	240	70	74	20	15	23	213
30	25	402	120	402	---	811	66	68	20	15	20	147
31	26	---	109	341	---	1470	---	65	---	15	17	---
TOTAL	809	3092	12948	12861	7230	9949	6471	15637	1107	770	478	2628
MEAN	26.1	103	418	415	258	321	216	504	36.9	24.8	15.4	87.6
MAX	36	1130	2450	3350	674	1470	921	4800	73	122	29	637
MIN	23	23	74	60	113	107	66	65	20	15	14	14
CFSM	0.18	0.69	2.80	2.78	1.73	2.15	1.45	3.39	0.25	0.17	0.10	0.59
IN.	0.20	0.77	3.23	3.21	1.81	2.48	1.62	3.90	0.28	0.19	0.12	0.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 2002, BY WATER YEAR (WY)

MEAN	94.8	175	298	463	546	572	375	225	105	69.1	70.6	74.4
MAX	704	627	992	1061	1591	1755	821	751	468	361	465	311
(WY)	1996	1980	1983	1996	1990	1980	2000	1984	1989	1989	1982	1979
MIN	15.8	20.3	36.1	44.5	107	79.2	77.3	54.4	19.6	14.4	11.9	10.7
(WY)	1988	1988	1988	1981	1988	1988	1986	1988	1988	1988	1999	1999

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1979 - 2002	
ANNUAL TOTAL	85068		73980			
ANNUAL MEAN	233		203		254	
HIGHEST ANNUAL MEAN					424	1990
LOWEST ANNUAL MEAN					81.0	1988
HIGHEST DAILY MEAN	3450	Mar 20	4800	May 4	11900	Oct 5 1995
LOWEST DAILY MEAN	23	Oct 9	14	Aug 7	9.9	Aug 22 1999
ANNUAL SEVEN-DAY MINIMUM	23	Nov 16	14	Aug 7	10	Aug 16 1999
MAXIMUM PEAK FLOW			5850	May 4	20000	Aug 17 1982
MAXIMUM PEAK STAGE			14.88	May 4	20.73	Aug 17 1982
ANNUAL RUNOFF (CFSM)	1.56		1.36		1.70	
ANNUAL RUNOFF (INCHES)	21.24		18.47		23.12	
10 PERCENT EXCEEDS	528		485		568	
50 PERCENT EXCEEDS	96		75		92	
90 PERCENT EXCEEDS	26		15		22	

STATION NUMBER 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA SOURCE AGENCY USGS STATE 13 COUNTY 083
LATITUDE 345351 LONGITUDE 0852747 NAD83 DRAINAGE AREA 149.00* CONTRIBUTING DRAINAGE AREA DATUM 663.80 NGVD29
Date Processed: 2003-03-11 13:47 By acday
APPROVED
DD #3, DCP
GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.36	3.29	5.46	4.22	5.83	4.28	8.25	6.65	3.83	3.21	3.13	3.15
2	3.33	3.29	4.98	4.17	5.77	4.36	7.27	5.65	3.77	3.21	3.13	3.14
3	3.31	3.28	4.68	4.12	5.51	4.58	6.67	8.67	3.71	3.79	3.12	3.13
4	3.30	3.28	4.48	4.06	5.35	4.49	6.21	14.12	3.83	3.41	3.11	3.13
5	3.29	3.27	4.32	4.01	5.15	4.43	5.87	11.69	3.93	3.29	3.11	3.13
6	3.29	3.27	4.19	4.10	5.44	4.39	5.62	8.36	3.95	3.24	3.10	3.12
7	3.27	3.27	4.11	4.19	7.21	4.35	5.40	7.26	3.88	3.21	3.09	3.11
8	3.27	3.26	4.04	4.08	6.75	4.31	5.23	6.56	3.79	3.19	3.09	3.11
9	3.25	3.26	3.97	4.02	6.36	4.34	5.14	6.08	3.67	3.17	3.08	3.10
10	3.25	3.25	4.35	3.99	6.04	4.36	5.02	5.87	3.61	3.90	3.08	3.10
11	3.24	3.25	5.53	3.98	5.76	4.28	4.83	5.75	3.56	3.92	3.07	3.09
12	3.24	3.25	5.14	3.95	5.51	4.71	4.78	5.37	3.52	3.41	3.07	3.09
13	3.25	3.25	9.61	3.92	5.32	6.38	4.74	5.25	3.49	3.31	3.07	3.09
14	3.35	3.25	11.96	3.90	5.13	5.88	4.67	5.18	3.47	3.27	3.07	3.09
15	3.48	3.26	8.42	3.88	4.99	5.57	4.60	4.91	3.50	3.25	3.07	3.09
16	3.43	3.25	6.90	3.87	4.89	5.56	4.51	4.71	3.46	3.22	3.09	3.09
17	3.33	3.25	8.02	3.83	4.77	5.71	4.44	4.59	3.42	3.20	3.09	3.09
18	3.31	3.25	9.05	3.82	4.64	5.73	4.37	5.35	3.41	3.19	3.15	3.26
19	3.30	3.25	7.24	6.23	4.55	5.61	4.31	5.12	3.38	3.17	3.13	3.20
20	3.28	3.25	6.42	7.61	4.78	5.80	4.25	4.80	3.35	3.16	3.10	3.32
21	3.29	3.25	5.89	6.68	4.94	7.07	4.20	4.61	3.31	3.15	3.09	4.35
22	3.29	3.25	5.55	6.34	4.72	6.57	4.15	4.49	3.29	3.15	3.09	3.97
23	3.28	3.26	5.38	7.16	4.61	6.17	4.08	4.37	3.27	3.14	3.08	3.90
24	3.27	3.65	5.24	9.09	4.55	5.88	4.04	4.28	3.26	3.14	3.08	3.62
25	3.30	9.04	5.02	13.00	4.49	5.63	4.06	4.19	3.25	3.15	3.09	4.10
26	3.30	6.06	4.87	9.43	4.47	5.61	4.02	4.13	3.26	3.15	3.08	6.66
27	3.31	5.11	4.74	7.74	4.41	5.58	3.98	4.07	3.29	3.13	3.08	7.06
28	3.29	4.81	4.62	6.95	4.33	5.33	3.95	4.05	3.25	3.13	3.38	5.79
29	3.27	4.52	4.51	6.45	---	5.19	3.92	3.97	3.24	3.12	3.31	4.97
30	3.28	6.05	4.38	6.06	---	7.73	3.88	3.90	3.23	3.12	3.23	4.51
31	3.29	---	4.30	5.75	---	10.22	---	3.87	---	3.12	3.17	---
MEAN	3.30	3.81	5.72	5.50	5.22	5.49	4.88	5.74	3.51	3.27	3.12	3.72
MAX	3.48	9.04	11.96	13.00	7.21	10.22	8.25	14.12	3.95	3.92	3.38	7.06
MIN	3.24	3.25	3.97	3.82	4.33	4.28	3.88	3.87	3.23	3.12	3.07	3.09

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA SOURCE AGENCY USGS STATE 13 COUNTY 083
LATITUDE 345351 LONGITUDE 0852747 NAD83 DRAINAGE AREA 149.00* CONTRIBUTING DRAINAGE AREA DATUM 663.80 NGVD29
Date Processed: 2003-03-11 13:47 By acday
APPROVED
DD #5, DCP
PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.42	0.00	0.00	2.01	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.60	0.00	1.94	0.01	0.00
3	0.00	0.00	0.00	0.00	0.02	0.02	0.00	---	0.00	0.03	0.04	0.01
4	0.00	0.00	0.00	0.00	0.01	0.00	0.00	---	1.24	0.00	0.00	0.00
5	0.00	0.00	0.00	0.01	0.00	0.00	0.00	---	1.25	0.00	0.00	0.00
6	0.06	0.00	0.00	0.47	0.36	0.00	0.00	0.00	0.05	0.00	0.00	0.00
7	0.00	0.00	0.03	0.00	0.19	0.00	0.00	0.00	0.01	0.00	0.00	0.00
8	0.00	0.00	0.31	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.37	0.12	0.06	0.00	0.00	0.00	0.00
10	0.00	0.00	1.09	0.00	0.05	0.00	0.00	0.25	0.00	2.40	0.00	0.00
11	0.00	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
12	0.05	0.00	0.01	0.00	0.00	0.92	0.09	0.00	0.00	0.12	0.00	0.00
13	0.40	0.00	---	0.00	0.00	0.01	0.00	0.44	0.05	0.03	0.00	0.03
14	0.37	0.00	---	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.15	0.17
15	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.49	0.08
16	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.18	0.00
17	0.00	0.00	1.41	0.00	0.00	0.17	0.00	0.48	0.00	0.00	0.29	0.26
18	0.00	0.00	0.03	0.09	0.00	0.38	0.00	0.05	0.00	0.00	0.34	2.19
19	0.00	0.00	0.00	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.00	0.00	0.63	0.68	0.00	0.00	0.00	0.00	0.00	2.14
21	0.00	0.00	0.00	0.20	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.10
22	0.00	0.00	0.00	0.15	0.00	0.00	0.10	0.00	0.00	0.01	0.00	0.80
23	0.00	0.39	0.30	0.59	0.00	0.00	0.00	0.00	0.02	0.17	0.00	0.00
24	0.26	3.36	0.00	---	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
25	0.00	0.03	0.00	---	0.00	0.00	0.13	0.00	0.05	0.47	0.07	2.00
26	0.00	0.00	0.00	---	0.13	0.46	0.02	0.00	0.00	0.00	0.00	1.27
27	0.00	0.53	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	1.67	0.32
28	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.26	0.00
29	0.00	0.86	0.00	0.00	---	0.33	0.00	0.00	0.00	0.00	0.18	0.00
30	0.00	0.08	0.00	0.00	---	---	0.11	0.00	0.00	0.00	0.00	---
31	0.00	---	0.00	0.00	---	---	---	0.03	---	0.31	0.00	---
TOTAL	1.14	5.25	---	---	1.81	---	0.78	---	2.75	5.49	3.69	---

Miscellaneous Ground-Water-Quality Records
Surficial Aquifer
(water year)

311714084275101 Site Name. —10J008

LOCATION.—Lat 31°17’14”, long 84°27’51”, Baker County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 21...	1200	1028	80020	45.40	63	48.4	4040	12	764	7.0	76	7.7	204

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAR 2002 21...	19.2	0	99	39.1	.391	.43	.1	1.16	2	98	120	<.03	2.31

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
MAR 2002 21...	<.1	6.24	.5	120	111	<.04	<.10	.40	<.008	<.02	E.3n	1	.06

Date	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)
MAR 2002 21...	<.2	2	<.06	9	<.04	1.5	.11	.5	<10	.16	.4	.7	E.2

Date	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
MAR 2002 21...	.69	<.3	<1	19.5	<.04	E.1	<1	<.05	<.09	<.01	<.009	<.02	<.02

Date	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
MAR 2002 21...	<.03	<.006	--u	<.005	<.005	<.006	--	<.006	<.104	<.004	<.02	<.008	<.04

Date	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)
MAR 2002 21...	<.005	<.004	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003

Date	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)
MAR 2002 21...	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005

Date	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
MAR 2002 21...	<.008	<.009	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01

Date	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)
MAR 2002 21...	<.03	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004

Date	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)
MAR 2002 21...	<.03	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003

Date	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)
MAR 2002 21...	<.013	<.008	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008

Date	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
MAR 2002 21...	<.027	<.08	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03

Date	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)
MAR 2002 21...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)
MAR 2002 21...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005

Date	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
MAR 2002 21...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)
MAR 2002 21...	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03

Date	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAR 2002 21...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	.09	2001	15.00	4040

Date	SAMPLING CONDITION (72006)
MAR 2002	
21...	8.00

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   n -- Below the NDV
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference

312119084215601 Site Name. —11J021

LOCATION.—Lat 31°21'19", long 84°21'57", Baker County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
NOV 2001													
15...	1400	1028	80020	31.80	40	--	4040	--	766	6.3	74	7.7	210
APR 2002													
08...	1700	1028	80020	30.80	50	37.3	4040	5.0	766	5.7	67	7.6	209
JUN													
19...	1600	1028	80020	33.80	43	37.0	4040	--	765	5.9	67	7.7	212
SEP													
11...	1800	1028	80020	35.10	50	47.0	4040	26	757	6.4	76	7.8	206

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVED FLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
NOV 2001													
15...	23.7	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
08...	23.3	18	99	38.4	.787	.22	.1	2.11	4	81	99	E.02n	3.63
JUN													
19...	21.9	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	23.7	--	--	--	--	--	--	--	--	--	--	--	--

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
NOV 2001													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
08...	E.1n	7.07	.5	125	121	<.04	<.10	4.37	<.008	<.02	E.2n	<1	<.05
JUN													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)
NOV 2001													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
08...	<.2	5	E.06	16	E.02	1.6	.06	E.2	<10	<.08	E.2	<.1	E.1
JUN													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
NOV 2001													
15...	--	--	--	--	--	--	--	--	--	--	<.009	<.02	<.02
APR 2002													
08...	<.06	E.2	<1	28.2	<.04	.7	<1	<.05	<.09	<.01	<.009	<.02	<.02
JUN													
19...	--	--	--	--	--	--	--	--	--	--	<.009	<.02	<.02
SEP													
11...	--	--	--	--	--	--	--	--	--	--	<.009	<.02	<.02

Date	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
NOV 2001													
15...	--	<.002	--	--	--	<.006	--	<.004	<.007	.026	<.02	<.008	<.04
APR 2002													
08...	<.03	<.006	--u	<.005	<.005	<.006	--	<.006	<.007	.028	<.02	<.008	<.04
JUN													
19...	--	<.006	--	--	--	<.006	--	<.006	<.007	.030	<.02	<.008	<.04
SEP													
11...	--	<.006	--	--	--	<.006	--	<.006	<.007	.028	<.02	<.008	<.04

Date	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)
NOV 2001													
15...	<.005	--	--	--	--	E.006	--	<.03	<.010	<.004	<.02	<.01	--
APR 2002													
08...	<.005	<.004	<.004	<.005	M	.008	<.02	<.03	<.010	<.004	<.02	<.01	<.003
JUN													
19...	<.005	--	--	--	--	.009	--	<.03	<.010	<.004	<.02	<.01	--
SEP													
11...	<.005	--	--	--	--	.010	--	<.03	<.010	<.004	<.02	<.01	--

Date	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)
NOV 2001													
15...	--	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01
APR 2002													
08...	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005
JUN													
19...	--	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01
SEP													
11...	--	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01

Date	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
NOV 2001													
15...	--	--	<.01	<.003	<.0029	E.01	E.03	<.005	<.01	<.01	<.005	--	<.01
APR 2002													
08...	<.008	<.009	<.01	<.003	E.001	E.02	E.01	<.005	<.01	<.01	<.005	<.006	<.01
JUN													
19...	--	--	<.01	<.003	E.004	E.01	E.02	<.005	<.01	<.01	<.005	--	<.01
SEP													
11...	--	--	<.01	<.003	E.005	<.0015	E.03	<.005	<.01	<.01	<.005	--	<.01

Date	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)
NOV 2001													
15...	<.03	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--
APR 2002													
08...	<.03	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004
JUN													
19...	<.03	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--
SEP													
11...	<.03	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--

Date	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)
NOV 2001													
15...	--	<.005	--	--	--	--	--	<.03	--	<.01	.03	--	<.003
APR 2002													
08...	<.03	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	.05	<.002	<.003
JUN													
19...	--	<.005	--	--	--	--	--	<.03	--	<.01	.04	--	<.003
SEP													
11...	--	<.005	--	--	--	--	--	<.03	--	<.01	E.03	--	<.003

Date	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)
NOV 2001													
15...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
APR 2002													
08...	<.013	E.022	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008
JUN													
19...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
SEP													
11...	--	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--

Date	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
NOV 2001													
15...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	.019	<.006	<.03
APR 2002													
08...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	.024	<.006	<.03
JUN													
19...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	.022	<.006	<.03
SEP													
11...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	.025	<.006	<.03

Date	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)
NOV 2001													
15...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
APR 2002													
08...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03
JUN													
19...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
SEP													
11...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)
NOV 2001													
15...	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01	--
APR 2002													
08...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005
JUN													
19...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--
SEP													
11...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--

Date	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
NOV 2001													
15...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.011	<.009	--	--
APR 2002													
08...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02
JUN													
19...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--
SEP													
11...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)
NOV 2001													
15...	--	<.001	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
APR 2002													
08...	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03
JUN													
19...	--	<.02	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
SEP													
11...	--	Mn	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--

Date	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
NOV 2001													
15...	--	<.002	<.009	--	<.02	<.009	<.02	--	--	--	2099	10.00	4040
APR 2002													
08...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	.06	2003	15.00	4040
JUN													
19...	--	<.002	--u	--	<.02	<.009	<.02	--	--	--	2003	10.00	4040
SEP													
11...	--	<.002	--u	--	<.02	<.009	<.02	--	--	--	2001	10.00	4040

Date	SAMPLING CONDITION (72006)
NOV 2001	
15...	8.00
APR 2002	
08...	8.00
JUN	
19...	8.00
SEP	
11...	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

304531083382101 Site Name.--16E015

LOCATION.—Lat 30°45’31.5”, long 83°38’21.3” NAD83, Brooks County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
JUN													
11...	1300	1028	80020	30	8030	.6	759	.7	8	6.4	141	27.6	23.5

Date	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
JUN					
11...	56	68	15.00	4040	.10

313415084475201 Site Name. —07L021

LOCATION.—Lat 31°34’19”, long 84°47’53”, Calhoun County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
APR 2002 23...	1200	1028	80020	7.30	72	27.0	4040	1.7	762	5.4	58	5.8	44

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
APR 2002 23...	18.5	1	18	5.94	.652	.15	.1	1.43	15	16	20	E.02n	2.44

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
APR 2002 23...	E.1n	15.0	.5	23	37	<.04	<.10	.10	<.008	.08	.4	3	.16

Date	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)
APR 2002 23...	<.2	4	.50	E6	.17	9.6	E.01	.5	<10	.18	3.7	2.4	<.2

Date	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
APR 2002 23...	3.65	<.3	<1	3.61	<.04	.2	6	<.05	<.09	<.01	<.009	<.02	<.02

Date	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, WAT FLTRD, GF 0.7U REC (UG/L) (49312)
APR 2002 23...	<.03	<.006	<.1	<.005	<.005	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04

Date	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)
APR 2002 23...	<.005	<.004	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003

Date	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)
APR 2002 23...	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005

Date	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
APR 2002 23...	<.008	<.009	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01

Date	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)
APR 2002 23...	<.03	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004

Date	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)
APR 2002 23...	<.03	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003

Date	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)
APR 2002 23...	<.013	<.008	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008

Date	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
APR 2002 23...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03

Date	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)
APR 2002 23...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)
APR 2002 23...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005

Date	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
APR 2002 23...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)
APR 2002 23...	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03

Date	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
APR 2002 23...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	<.02	2003	15.00	4040

Date	SAMPLING CONDITION (72006)
APR 2002	
23...	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

311015083321401 Site Name.--17H031

LOCATION.—Lat 31°10’15.3”, long 83°32’13.7” NAD83, Cook County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
MAR 19...	1330	1028	80020	9.22	88	.7	757	6.0	69	4.7	90	21.5	24

Date	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
MAR 19...	24	4.91	2.83	3.66	.2	1.91	13	0	E.02n	9.38	E.1n	6.07	.3

Date	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
MAR 19...	54	53	<.04	E.05	5.35	<.008	.06	.3	157	.12	E.1	139	.12

Date	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
MAR 19...	11	.06	<.8	1.05	.4	<10	E.07	.7	32.4	<.2	.77	<.3	<1

Date	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)
MAR 19...	29.8	.05	.3	1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
MAR 19...	<.005	<.005	<.006	--m	<.006	<.200	<.004	<.02	<.008	<.04	<.005	<.004	<.004

Date	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
MAR 19...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03

Date	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
MAR 19...	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)
MAR 19...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002

Date	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
MAR 19...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008

Date	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)
MAR 19...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u

Date	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
MAR 19...	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.20	<.01

Date	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
MAR 19...	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007

Date	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL-FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
MAR 19...	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
MAR 19...	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)
MAR 19...	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02

Date	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
MAR 19...	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
MAR 19...	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1

Date	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
MAR 19...	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03

Date	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAR 19...	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06

Date	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
MAR 19...	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09

Date	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)
MAR 19...	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07

Date	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)
MAR 19...	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07

Date	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
MAR													
19...	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.04bn	<.09	<.04	<.09	<.1	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR				
19...	.04	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   b -- Value was extrapolated below
   n -- Below the NDV

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

311015083321402 Site Name.—17H032.

LOCATION.—Lat 31°10’15.3”, long 83°32’13.7”, NAD83, Cook County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
MAR 19...	1510	1028	80020	8.24	86	757	6.5	74	4.5	105	21.3	24	26

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAR 19...	6.53	2.23	4.08	.1	1.73	11	1	E.02n	10.9	<.1	4.53	1.3	58

Date	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)
MAR 19...	60	<.04	<.10	6.13	<.008	<.02	.5	521	.07	<.2	184	.11	8

Date	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)
MAR 19...	E.03	<.8	.80	.4	<10	.09	E.3	48.4	.2	.65	<.3	<1	31.3

Date	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)
MAR 19...	.10	<.2	2	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005

Date	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)
MAR 19...	<.005	<.006	--m	<.006	<.200	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005

Date	ANILINE 3-TRIFLUOROMETHYL WAT FLT REC (UG/L) (61630)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	AZINPHOSMETHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BENSULFURON METHYL WAT FLT REC (UG/L) (61693)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZOPHENONE 4,4-DICHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHENOXY WAT FLT REC (UG/L) (61629)	BIFENTHRIN WATER FLTRD REC (UG/L) (61580)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAR 19...	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02

Date	CAFFEINE, WATER FLTRD REC (UG/L) (50305)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORIMURON, WATER FLTRD REC (UG/L) (50306)	CHLORPYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CISCARBOXYATE WATER FLTRD REC (UG/L) (79842)	CISPROPICONAZOLE WAT FLT REC (UG/L) (79846)	CYCLOATE, WATER, DISS, REC (UG/L) (04031)	CYFLUTHRIN WATER FLTRD REC (UG/L) (61585)	CYPERMETHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
MAR 19...	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003

Date	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISOPROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISOPROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DIAZINON, DISSOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIELDRIN DISSOLVED (UG/L) (39381)	DIMETHOATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHENAMID, WATER, DISS, REC (UG/L) (04033)	DISULFOTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULFOTON SULFOXIDE WAT FLT REC (UG/L) (61641)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
MAR 19...	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02

Date	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DIMETHOMORPH WATER FLTRD REC (UG/L) (79844)	ENDOSULFAN ALPHA DISSOLV (UG/L) (34362)	ENDOSULFAN BETA DISSOLV (UG/L) (34357)	ENDOSULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDOSULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMIPHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMIPHOS SULFOXIDE WAT FLT REC (UG/L) (61646)
MAR 19...	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03

Date	FENAMIPHOS WATER FLTRD REC (UG/L) (61591)	FENTHION SULFOXIDE WAT FLT REC (UG/L) (61647)	FENTHION WATER FLTRD (UG/L) (38801)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMETRALIN WATER FLTRD REC (UG/L) (61592)	FLUMETSULAM WATER FLTRD REC (UG/L) (61694)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRAZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYLPENDIMETHLION FLT REC (UG/L) (61665)	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)
MAR 19...	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02

Date	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)
MAR 19...	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.20	<.01	<.005

Date	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
MAR 19...	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01

Date	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
MAR 19...	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006

Date	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAR 19...	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02

Date	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)
MAR 19...	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01

Date	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)
MAR 19...	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)
MAR 19...	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03

Date	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)
MAR 19...	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05

Date	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)
MAR 19...	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03

Date	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)
MAR 19...	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2

Date	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)
MAR 19...	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0

Date	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)
MAR 19...	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2

Date	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
MAR													
19...	<.1	<.07	<.04	<.03	<.06	<.05	E.04bn	<.09	<.04	<.09	<.1	<.01	.03

Date	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR			
19...	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

Surficial Aquifer
2002 Water Year

315043083401901 Site Name.--16N006

LOCATION.—Lat 31°50’43”, long 83°40’19”, NAD27, Crisp County.

315043083401901 -- 16N006

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
MAR 27...	1020	1028	80020	12.31	30	752	9.9	107	4.3	140	18.3	41	42

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAR 27...	8.47	5.11	.75	.1	1.97	9	1	E.02n	10.5	E.1n	8.02	1.3	72

Date	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)
MAR 27...	82	<.04	E.07	10.1	<.008	<.02	.5	529	<.05	<.2	111	.46	7

Date	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)
MAR 27...	E.04	<.8	1.22	2.5	<10	1.87	3.7	4.9	<.2	1.16	E.3	<1	46.8

Date	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)
MAR 27...	.05	<.2	4	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005

Date	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)
MAR 27...	<.005	<.006	--m	<.006	<.059	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005

Date	ANILINE 3-TRIFLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	AZINPHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BENSULFURON METHYL WAT FLT REC (UG/L) (61693)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZOPHENONE 4,4-DICHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHENOXY WAT FLT REC (UG/L) (61629)	BIFENTHRIN WATER FLTRD REC (UG/L) (61580)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAR 27...	<.01	<.007	<.02	<.03	<.010	.012	<.02	E.01	<.003	--u	<.005	<.03	<.02

Date	CAFFEINE, WATER FLTRD REC (UG/L) (50305)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORIMURON, WATER FLTRD REC (UG/L) (50306)	CHLORPYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOXYATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPICONAZOLE WAT FLT REC (UG/L) (79846)	CYCLOATE, WATER, DISS, REC (UG/L) (04031)	CYFLUTHRIN WATER FLTRD REC (UG/L) (61585)	CYPERMETHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
MAR 27...	.017	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	--u	<.003

Date	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISOPROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISOPROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DIAZINON, DISSOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIELDRIN DISSOLVED (UG/L) (39381)	DIMETHOATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHENAMID, WATER, DISS, REC (UG/L) (04033)	DISULFOTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULFOTON SULFOXIDE WAT FLT REC (UG/L) (61641)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
MAR 27...	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02

Date	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DIMETHOMORPH WATER FLTRD REC (UG/L) (79844)	ENDOSULFAN ALPHA DISSOLV (UG/L) (34362)	ENDOSULFAN BETA DISSOLV (UG/L) (34357)	ENDOSULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDOSULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMIPHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMIPHOS SULFOXIDE WAT FLT REC (UG/L) (61646)
MAR 27...	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03

Date	FENAMIPHOS WATER FLTRD REC (UG/L) (61591)	FENTHION SULFOXIDE WAT FLT REC (UG/L) (61647)	FENTHION WATER FLTRD (UG/L) (38801)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMETRALIN WATER FLTRD REC (UG/L) (61592)	FLUMETSULAM WATER FLTRD REC (UG/L) (61694)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXYATRAZINE WATER FLTRD REC (UG/L) (50355)	HYDROXYMETHYL-PENDIMETHLION FLT REC (UG/L) (61665)	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)
MAR 27...	<.03	<.008	<.02	<.03	<.004	<.01	.04	<.002	<.003	<.013	<.008	--u	<.02

Date	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)
MAR 27...	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	E.004n	<.02	<.01	<.005

Date	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
MAR 27...	<.02	<.006	<.008	<.004	<.050	<.006	E.005n	<.006	<.03	<.002	<.008	<.007	<.01

Date	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
MAR 27...	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006

Date	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAR 27...	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02

Date	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)
MAR 27...	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01

Date	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)
MAR 27...	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)
MAR 27...	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03

Date	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)
MAR 27...	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05

Date	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)
MAR 27...	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03

Date	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)
MAR 27...	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2

Date	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)
MAR 27...	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0

Date	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)
MAR 27...	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2

Date	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
MAR													
27...	<.1	<.07	<.04	<.03	<.06	<.05	E.05	<.09	<.04	<.09	<.1	<.01	.24

Date	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR			
27...	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

312908084151901 Site Name. —11K045

LOCATION.—Lat 31°29’09”, long 84°15’19”, Dougherty County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
NOV 2001													
16...	1000	1028	80020	25.60	30	--	4040	--	770	7.8	84	7.6	277
APR 2002													
09...	1700	1028	80020	27.10	60	31.0	4040	1.2	767	7.2	80	7.4	269
JUN													
19...	1800	1028	80020	30.60	40	33.0	4040	--	765	6.4	76	7.4	285

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVED FLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
NOV 2001													
16...	19.7	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
09...	20.6	8	130	50.4	1.05	.26	.1	1.92	3	122	149	E.02n	3.67
JUN													
19...	24.0	--	--	--	--	--	--	--	--	--	--	--	--

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
NOV 2001													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
09...	.1	8.81	1.5	162	152	<.04	<.10	2.52	<.008	.02	E.3n	<1	E.04
JUN													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)
NOV 2001													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
09...	<.2	6	<.06	8	<.04	1.4	.11	E.2	<10	E.05	.3	<.1	<.2
JUN													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
NOV 2001													
16...	--	--	--	--	--	--	--	--	--	--	<.009	<.02	<.02
APR 2002													
09...	.52	E.2	<1	32.9	<.04	1.7	2	<.05	<.09	<.01	<.009	<.02	<.02
JUN													
19...	--	--	--	--	--	--	--	--	--	--	<.009	<.02	<.02

Date	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
NOV 2001													
16...	--	<.002	--	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04
APR 2002													
09...	<.03	<.006	--u	<.005	<.005	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04
JUN													
19...	--	<.006	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04

Date	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)
NOV 2001													
16...	<.005	--	--	--	--	.153	--	<.03	<.010	<.004	<.02	<.01	--
APR 2002													
09...	<.005	<.004	<.004	<.005	<.01	.882	<.02	<.03	<.010	<.004	<.02	<.01	<.003
JUN													
19...	<.005	--	--	--	--	.165	--	<.03	<.010	<.004	<.02	<.01	--

Date	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)
NOV 2001													
16...	--	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01
APR 2002													
09...	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005
JUN													
19...	--	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01

Date	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
NOV 2001													
16...	--	--	<.01	<.003	E.11	E.01	E.02	<.005	<.01	<.01	<.005	--	<.01
APR 2002													
09...	<.008	<.009	<.01	<.003	E.082	E.02	E.01	<.005	<.01	<.01	<.005	<.006	<.01
JUN													
19...	--	--	<.01	<.003	E.132	E.02	E.01	<.005	<.01	<.01	<.005	--	<.01

Date	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)
NOV 2001													
16...	<.03	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--
APR 2002													
09...	<.03	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004
JUN													
19...	<.03	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--

Date	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)
NOV 2001													
16...	--	<.005	--	--	--	--	--	<.03	--	<.01	E.02	--	<.003
APR 2002													
09...	<.03	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E.02	<.002	<.003
JUN													
19...	--	<.005	--	--	--	--	--	<.03	--	<.01	E.03	--	<.003

Date	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)
NOV 2001													
16...	--	E.038	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--
APR 2002													
09...	<.013	E.267	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008
JUN													
19...	--	E.053	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--

Date	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
NOV 2001													
16...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03
APR 2002													
09...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	E.01
JUN													
19...	<.027	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03

Date	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)
NOV 2001													
16...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--
APR 2002													
09...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03
JUN													
19...	<.002	--	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)
NOV 2001													
16...	<.007	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01	--
APR 2002													
09...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005
JUN													
19...	<.010	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--

Date	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
NOV 2001													
16...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.011	<.009	--	--
APR 2002													
09...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02
JUN													
19...	<.004	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)
NOV 2001													
16...	--	<.006	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--
APR 2002													
09...	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03
JUN													
19...	--	<.02	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--

Date	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
NOV 2001													
16...	--	<.002	<.009	--	<.02	<.009	<.02	--	--	--	2099	10.00	4040
APR 2002													
09...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	.26	2003	15.00	4040
JUN													
19...	--	<.002	--u	--	<.02	<.009	<.02	--	--	--	2003	10.00	4040

Date	SAM-PLING CONDI-TION (72006)
NOV 2001	
16...	8.00
APR 2002	
09...	8.00
JUN	
19...	8.00

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   n -- Below the NDV
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference

312346084520401 Site Name. —07K012

LOCATION.—Lat 31°24’00”, long 84°52’08”, Early County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)
MAR 2002 06...	1500	1028	80020	3.60	80	4040	1.8	772	5.2	56	6.9	248	19.6

Date	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
MAR 2002 06...	18	140	56.6	.823	.14	.1	3.09	4	128	154	E.03n	8.06	E.1n

Date	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
MAR 2002 06...	5.57	6.5	166	166	<.04	<.10	2.02	<.008	<.02	<1	.09	<.2	13

Date	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)
MAR 2002 06...	<.06	9	<.04	1.4	.14	.4	<10	<.08	E.2	.6	E.2	.32	E.3

Date	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYLPHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLOROANILINE WATER FLTRD REC (UG/L) (61614)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)
MAR 2002 06...	<1	48.3	<.04	1.7	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	--u

Date	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYLACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYLMETHYLSULFONE WAT FLT REC (UG/L) (61634)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRIFLUOROMETHYL WAT FLT REC (UG/L) (61630)	AZINPHOSMETHYLOXON WAT FLT REC (UG/L) (61635)
MAR 2002 06...	<.005	<.005	<.006	--	<.007	<.02	<.008	<.04	<.004	<.004	<.005	<.01	<.02

Date	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BENSULFURON METHYL WAT FLT REC (UG/L) (61693)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZOPHENONE 4,4-DICHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHENOXY WAT FLT REC (UG/L) (61629)	BIFENTHRIN WATER FLTRD REC (UG/L) (61580)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAFFEINE, WATER FLTRD REC (UG/L) (50305)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)
MAR 2002 06...	<.03	<.004	<.02	E.01	<.003	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02

Date	CHLORIMURON, WATER FLTRD REC (UG/L) (50306)	CHLORPYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOXYATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPICONAZOLE WAT FLT REC (UG/L) (79846)	CYCLOATE, WATER, DISS, REC (UG/L) (04031)	CYFLUTHRIN WATER FLTRD REC (UG/L) (61585)	CYPERMETHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DEETHYL DEISOPROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISOPROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIMETHOATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)
MAR 2002 06...	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	M	<.04	<.01	<.01	<.006

Date	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHENAMID, WATER, DISS, REC (UG/L) (04033)	DISULFOTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULFOTON SULFOXIDE WAT FLT REC (UG/L) (61641)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DIMETHOMORPH WATER FLTRD REC (UG/L) (79844)	ENDOSULFAN ALPHA DISSOLV (UG/L) (34362)	ENDOSULFAN BETA DISSOLV (UG/L) (34357)	ENDOSULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDOSULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	FENAMIPHOS SULFONE WATER FLTRD REC (UG/L) (61645)
MAR 2002 06...	<.01	<.03	<.02	<.002	<.01	<.02	<.005	<.01	<.004	<.006	<.004	<.03	<.008

Date	FENAMIPHOS SULFOXIDE WAT FLT REC (UG/L) (61646)	FENAMIPHOS WATER FLTRD REC (UG/L) (61591)	FENTHION SULFOXIDE WAT FLT REC (UG/L) (61647)	FENTHION WATER FLTRD (UG/L) (38801)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMETRALIN WATER FLTRD REC (UG/L) (61592)	FLUMETSULAM WATER FLTRD REC (UG/L) (61694)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXYATRAZINE WATER FLTRD REC (UG/L) (50355)	HYDROXYMETHYLPENDIMETHLION FLT REC (UG/L) (61665)	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)
MAR 2002 06...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.013	E.011	--u	<.02

Date	IMAZETHAPYR WATER FLTRD REC (UG/L) (50407)	IMIDACLOPRID WATER FLTRD REC (UG/L) (61695)	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDACYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
MAR 2002 06...	<.02	<.007	<1	<.003	<.009	<.01	<.008	<.02	<.01	<.005	<.02	<.006	<.008

Date	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHYL S-PROPYL_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)
MAR 2002 06...	<.004	<.03	<.008	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.008	<.03	<.10

Date	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)
MAR 2002 06...	<.06	<.008	<.005	<.02	<.006	<.005	<.004	<.010	<.02	<.008	<.02	E.206	<.003

Date	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)
MAR 2002 06...	<.02	<.006	<.02	<.01	<.008	<.3	<.010	<.07	<.01	<.03	<.01	--u	<.004

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR 2002 06...	<.02	<.02	<.05	<.01	.26	2003	15.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

310752085271301 Site Name. —CP-13

LOCATION.—Lat 31°07’51”, long 85°27’14”, Houston County, Alabama.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 20...	1200	1028	80020	29.00	75	38.0	4040	9.7	763	5.2	59	7.5	260

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAR 2002 20...	21.5	6	120	43.7	1.75	.43	.1	3.07	5	110	134	<.03	3.37

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)
MAR 2002 20...	.2	6.90	1.2	142	127	3	.10	.2	13	<.06	18	<.04	2.9

Date	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)
MAR 2002 20...	.09	.4	<10	.16	1.0	.3	.4	.32	E.2	<1	65.9	<.04	.6

Date	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
MAR 2002 20...	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005	<.006

Date	4CHLOROBENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRIFLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)
MAR 2002 20...	--	<.006	<.104	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01	<.007

Date	AZINPHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BENSULFURON METHYL WAT FLT REC (UG/L) (61693)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZOPHENONE 4,4-DICHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHENOXY WAT FLT REC (UG/L) (61629)	BIFENTHRIN WATER FLTRD REC (UG/L) (61580)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAFFEINE, WATER FLTRD REC (UG/L) (50305)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
MAR 2002 20...	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02	<.010	<.03

Date	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORIMURON, WATER FLTRD REC (UG/L) (50306)	CHLORPYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOXYATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPICONAZOLE WAT FLT REC (UG/L) (79846)	CYCLOATE, WATER, DISS, REC (UG/L) (04031)	CYFLUTHRIN WATER FLTRD REC (UG/L) (61585)	CYPERMETHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISOPROPYL ATRAZIN DISS, REC (UG/L) (04039)
MAR 2002 20...	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006	<.01

Date	DEISOPROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DIAZINON, DISSOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIELDRIN DISSOLVED (UG/L) (39381)	DIMETHOATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHENAMID, WATER, DISS, REC (UG/L) (04033)	DISULFOTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULFOTON SULFOXIDE WAT FLT REC (UG/L) (61641)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DIMETHOMORPH WATER FLTRD REC (UG/L) (79844)
MAR 2002 20...	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01	<.02

Date	ENDOSULFAN ALPHA DISSOLV (UG/L) (34362)	ENDOSULFAN BETA DISSOLV (UG/L) (34357)	ENDOSULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDOSULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMIPHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMIPHOS SULFOXIDE WAT FLT REC (UG/L) (61646)	FENAMIPHOS WATER FLTRD REC (UG/L) (61591)	FENTHION SULFOXIDE WAT FLT REC (UG/L) (61647)
MAR 2002 20...	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03	<.008

Date	FENTHION WATER FLTRD (UG/L) (38801)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMETRALIN WATER FLTRD REC (UG/L) (61592)	FLUMETSULAM WATER FLTRD REC (UG/L) (61694)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXYATRAZINE WATER FLTRD REC (UG/L) (50355)	HYDROXYMETHYLPENDIMETHLION FLT REC (UG/L) (61665)	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)	IMAZETHAPYR WATER FLTRD REC (UG/L) (50407)	IMIDACLOPRID WATER FLTRD REC (UG/L) (61695)
MAR 2002 20...	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	E.005	--u	<.02	<.02	<.007

Date	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDACYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MALATHION, DISSOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)
MAR 2002 20...	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.08	<.01	<.005	<.02	<.006

Date	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
MAR 2002 20...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01	<.01	<.02

Date	O-ETHYL O-METHY S-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAR 2002 20...	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10	<.011

Date	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
MAR 2002 20...	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004	<.010

Date	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETRURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLUTHRIN METABOLITE R119364 FLT REC (UG/L) (61671)	TEFLUTHRIN METABOLITE R152912 FLT REC (UG/L) (61672)	TEFLUTHRIN WATER FLTRD REC (UG/L) (61606)	TEMEPHOS WATER FLTRD REC (UG/L) (61607)
MAR 2002 20...	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008	<.3

Date	TERBACIL, WATER, DISS, REC (UG/L) (04032)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUFOS O-ANALOGUE WAT FLT REC (UG/L) (61674)	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANSCARBOXYATE WATER FLTRD REC (UG/L) (79843)	TRANSPROPICONAZOLE WAT FLT REC (UG/L) (79847)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBUPHOS WATER FLTRD REC (UG/L) (61610)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
MAR 2002 20...	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02	<.009

Date	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DIMETHOMORPH WATER FLTRD REC (UG/L) (79845)	DICHLORVOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAMPLING CONDITION (72006)
MAR 2002 20...	<.02	<.05	<.01	.31	2003	15.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

311505085140101 Site Name. —CP-14

LOCATION.—Lat 31°15’06”, long 85°14’02”, Houston County, Alabama.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 07...	1200	1028	80020	14.80	72	36.4	4040	1.0	770	5.4	59	7.5	331

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAR 2002 07...	20.3	41	160	61.4	.967	.31	.1	2.08	3	116	142	E.03n	8.33

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)
MAR 2002 07...	E.1n	6.16	.7	190	150	<1	.28	E.1	4	<.06	8	E.02	1.4

Date	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)
MAR 2002 07...	.12	.3	<10	<.08	E.2	<.1	E.1	.29	E.3	<1	23.3	<.04	1.2

Date	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYLMETHYL SULFONE WAT FLT REC (UG/L) (61634)
MAR 2002 07...	1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	--u	<.005	<.005	<.006	--

Date	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRIFLUORO-METHYL WAT FLT REC (UG/L) (61630)	AZINPHOSMETHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BENSULFURON METHYL WAT FLT REC (UG/L) (61693)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)
MAR 2002 07...	<.007	<.02	<.008	<.04	<.004	<.004	<.005	<.01	<.02	<.03	<.004	<.02	<.01

Date	BENZOPHENONE 4,4-DICHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHENOXY WAT FLT REC (UG/L) (61629)	BIFENTHRIN WATER FLTRD REC (UG/L) (61580)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAFFEINE, WATER FLTRD REC (UG/L) (50305)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORIMURON, WATER FLTRD REC (UG/L) (50306)	CHLORPYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CISCARBOXYATE WATER FLTRD REC (UG/L) (79842)	CISPROPICONAZOLE WAT FLT REC (UG/L) (79846)
MAR 2002 07...	<.003	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008

Date	CYCLOATE, WATER, DISS, REC (UG/L) (04031)	CYFLUTHRIN WATER FLTRD REC (UG/L) (61585)	CYPERMETHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DEETHYL DEISOPROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISOPROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIMETHOATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHENAMID, WATER, DISS, REC (UG/L) (04033)	DISULFOTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULFOTON SULFOXIDE WAT FLT REC (UG/L) (61641)
MAR 2002 07...	<.005	<.008	<.009	<.01	<.01	<.04	<.01	<.01	<.006	<.01	<.03	<.02	<.002

Date	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DIMETHOMORPH WATER FLTRD REC (UG/L) (79844)	ENDOSULFAN ALPHA DISSOLV (UG/L) (34362)	ENDOSULFAN BETA DISSOLV (UG/L) (34357)	ENDOSULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDOSULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	FENAMIPHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMIPHOS SULFOXIDE WAT FLT REC (UG/L) (61646)	FENAMIPHOS WATER FLTRD REC (UG/L) (61591)	FENTHION SULFOXIDE WAT FLT REC (UG/L) (61647)	FENTHION WATER FLTRD (UG/L) (38801)
MAR 2002 07...	<.01	<.02	<.005	<.01	<.004	<.006	<.004	<.03	<.008	<.03	<.03	<.008	<.02

Date	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMETRALIN WATER FLTRD REC (UG/L) (61592)	FLUMETSULAM WATER FLTRD REC (UG/L) (61694)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXYATRAZINE WATER FLTRD REC (UG/L) (50355)	HYDROXYMETHYLPENDIMETHLION FLT REC (UG/L) (61665)	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)	IMAZETHAPYR WATER FLTRD REC (UG/L) (50407)	IMIDACLOPRID WATER FLTRD REC (UG/L) (61695)	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)
MAR 2002 07...	<.03	<.004	<.01	<.03	<.002	<.013	<.008	--u	<.02	<.02	<.007	<1	<.003

Date	LAMDACYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
MAR 2002 07...	<.009	<.01	<.008	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.03	<.008	<.01

Date	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHYS-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)
MAR 2002 07...	<.01	<.02	<.008	<.02	<.01	<.007	<.008	<.03	<.10	<.06	<.008	<.005	<.02

Date	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)
MAR 2002													
07...	<.006	<.005	<.004	<.010	<.02	<.008	<.02	<.009	<.003	<.02	<.006	<.02	<.01

Date	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
MAR 2002													
07...	<.008	<.3	<.010	<.07	<.01	<.03	<.01	--u	<.004	<.02	<.02	<.05	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR 2002					
07...	.10	2003	15.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

314315083224601 Site Name.—18M004.

LOCATION.—Lat 31°43'15", long 83°22'45", Irwin County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 20...	1045	1028	80020	8.75	25	365	28	3.3	755	6.3	74	4.6	80

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
MAR 20...	22.6	18	18	3.05	2.52	1.14	.3	3.29	27	0	<.03	5.39	<.1

Date	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)
MAR 20...	16.9	.6	76	58	<.04	<.10	5.54	<.008	<.02	.4	92	.33	<.2

Date	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)
MAR 20...	111	.44	E7	E.03	E.6	3.78	1.4	14	.44	2.7	2.1	.2	5.89

Date	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYLPHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLOROANILINE WATER FLTRD REC (UG/L) (61614)
MAR 20...	<.3	<1	36.2	.06	<.2	10	<.05	<.09	<.01	<.009	<.02	<.02	<.03

Date	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)
MAR 20...	<.006	--u	<.005	<.005	<.006	--m	<.006	<.104	<.004	<.02	<.008	<.04	<.005

Date	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)
MAR 20...	<.004	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u

Date	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)
MAR 20...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008

Date	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)
MAR 20...	<.009	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03

Date	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)
MAR 20...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03

Date	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)
MAR 20...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013

Date	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)
MAR													
20...	<.008	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027

Date	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
MAR													
20...	<.08	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002

Date	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)
MAR													
20...	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010

Date	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAR													
20...	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004

Date	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)
MAR													
20...	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006

Date	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)
MAR													
20...	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01

Date	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR												
20...	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	.06	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

313841083155401 Site Name.—19M004

LOCATION.—Lat 31°38'41", long 83°15'54", Irwin county.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)
MAR 06...	0950	1028	80020	7.48	37	342	40	762	8.3	90	4.5	86	19.5

Date	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)
MAR 06...	25	4.45	3.31	.78	.2	2.37	17	.03	6.67	E.1n	4.61	.8	38

Date	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)
MAR 06...	<.04	<.10	6.65	<.008	<.02	E.3n	171	.07	<.2	117	.37	8	.07

Date	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)
MAR 06...	E.7	1.12	.8	<10	.98	1.8	4.1	E.1	1.45	<.3	<1	46.4	.05

Date	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)
MAR 06...	.2	2	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005

Date	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)
MAR 06...	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01

Date	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)
MAR 06...	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02	<.010

Date	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)
MAR 06...	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006

Date	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
MAR 06...	E.01m	E.04m	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01

Date	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)
MAR 06...	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03

Date	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)
MAR 06...	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02	<.02

Date	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)
MAR 06...	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02

Date	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)
MAR 06...	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01	<.01

Date	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)
MAR 06...	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10

Date	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)
MAR 06...	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004

Date	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)
MAR 06...	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008

Date	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
MAR 06...	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02

Date	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)
MAR 06...	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03

Date	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)
MAR 06...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06

Date	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)
MAR 06...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2

Date	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)
MAR 06...	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2

Date	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)
MAR 06...	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25

Date	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)
MAR 06...	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1

Date	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)
MAR													
06...	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04	<.09	<.1	<.01	.17	15.00

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

Surficial Aquifer
2002 Water Year

313122083110901 Site Name.—20L006

LOCATION.—Lat 31°31’22”, long 83°11’09”, Irwin County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
MAR 05...	1210	1028	80020	4.70	41	293	60	767	3.2	35	5.3	24	19.6

Date	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
MAR 05...	0	5	.75	.755	.47	.4	1.98	44	4	E.03n	2.84	E.1n	13.0

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)
MAR 05...	.5	18	25	<.04	<.10	.40	<.008	<.02	E.2n	14	.07	<.2	17

Date	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)
MAR 05...	.11	10	.04	.9	.42	.4	<10	.21	1.1	1.1	.2	.71	<.3

Date	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
MAR 05...	<1	6.61	.04	.8	1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
MAR 05...	--u	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004

Date	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)
MAR 05...	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005

Date	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)
MAR 05...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009

Date	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)
MAR 05...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02

Date	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
MAR 05...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005

Date	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)
MAR 05...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
MAR													
05...	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)
MAR													
05...	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008

Date	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAR													
05...	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004

Date	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)
MAR													
05...	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010

Date	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
MAR													
05...	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
MAR													
05...	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)
MAR 05...	--u	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04

Date	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)
MAR 05...	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04

Date	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)
MAR 05...	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07

Date	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)
MAR 05...	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03

Date	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)
MAR 05...	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6

Date	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)
MAR 05...	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07

Date	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)
MAR													
05...	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04	<.09	<.1

Date	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR					
05...	<.01	.10	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

314040084110201 Site Name. —12M034

LOCATION.—Lat 31°40'41", long 84°11'02", Lee County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 18...	1200	1028	80020	19.00	70	30.9	4040	9.2	767	6.2	69	7.2	384

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
MAR 2002 18...	20.8	190	74.6	1.59	.40	.1	2.58	3	196	239	E.02n	1.57	E.1n

Date	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)
MAR 2002 18...	12.9	.3	224	213	<.04	<.10	.38	<.008	E.01	E.3n	<1	.15	E.1

Date	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)
MAR 2002 18...	33	<.06	10	<.04	2.5	.15	.5	<10	E.06	1.2	E.1	.2	E.04

Date	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYLPHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLOROANILINE WATER FLTRD REC (UG/L) (61614)
MAR 2002 18...	E.2	<1	119	<.04	.9	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03

Date	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)
MAR 2002 18...	<.006	--u	<.005	<.005	<.006	--	<.006	<.200	<.004	<.02	<.008	<.04	<.005

Date	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)
MAR 2002 18...	<.004	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u

Date	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)
MAR 2002 18...	<.005	<.03	<.02	E.005n	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008

Date	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)
MAR 2002 18...	<.009	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03

Date	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)
MAR 2002 18...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03

Date	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)
MAR 2002 18...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013

Date	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)
MAR 2002 18...	<.008	--u	<.02	E.01	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027

Date	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
MAR 2002 18...	<.20	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002

Date	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)
MAR 2002 18...	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010

Date	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAR 2002 18...	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004

Date	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)
MAR 2002 18...	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006

Date	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)
MAR 2002 18...	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01

Date	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR 2002 18...	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	.67	2003	15.00	4040	8.00

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Remark codes used in this report:
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   n -- Below the NDV
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference
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304431083224101 Site Name.—18D007.

LOCATION.—Lat 30.°44'31.5", long 83°22'41.8", NAD83, Lowndes County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
JUN													
12...	1030	1028	80020	178	185	30	8030	.4	757	1.2	15	7.7	271

Date	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
JUN							
12...	25.0	24.7	123	150	15.00	4040	.10

311141084513401 Site Name. —07H020

LOCATION.—Lat 31°11’44”, long 84°51’33”, Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 05...	1400	1028	80020	43.40	165	58.0	4040	6.7	777	5.9	64	7.5	257

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
MAR 2002 05...	20.4	9	120	49.0	.533	<.10	.1	3.04	118	141	E.02n	4.35	<.1

Date	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)
MAR 2002 05...	6.91	.9	154	<.050	<.10	2.17	<.05	<1	.10	<.2	<1	<.06	9

Date	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)
MAR 2002 05...	<.04	2.3	.11	.7	<10	E.07	E.2	.2	.2	.38	.4	<1	25.2

Date	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLOROANILINE WATER FLTRD REC (UG/L) (61614)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYLACETANILIDE FLT REC (UG/L) (61618)
MAR 2002 05...	<.04	1.2	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	--u	<.005	<.005

Date	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRIFLUOROMETHYL WAT FLT REC (UG/L) (61630)	AZINPHOSMETHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)
MAR 2002 05...	<.006	--	<.007	<.02	<.008	<.04	<.004	<.004	<.005	<.01	<.02	<.03	<.004

Date	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)
MAR 2002 05...	<.02	<.01	<.003	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06

Date	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)
MAR 2002 05...	<.04	<.008	<.005	<.008	<.009	<.01	<.01	<.04	<.01	<.01	<.006	<.01	<.03

Date	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)
MAR 2002 05...	<.02	<.002	<.01	<.02	<.005	<.01	<.004	<.006	<.004	<.03	<.008	<.03	<.03

Date	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)
MAR 2002 05...	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.013	<.008	--u	<.02	<.02v	<.007

Date	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
MAR 2002 05...	<1	<.003	<.009	<.01	<.008	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.03

Date	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)
MAR 2002 05...	<.008	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.008	<.03	<.10	<.06	<.008

Date	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)
MAR 2002 05...	<.005	<.02	<.006	<.005	<.004	<.010	<.02	<.008	<.02	<.009	<.003	<.02	<.006

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)
MAR 2002 05...	<.02	<.01	<.008	<.3	<.010	<.07	<.01	<.03	<.01	--u	<.004	<.02	<.02

Date	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR 2002 05...	<.05	<.01	.27	2003	15.00	4040	8.00

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   n -- Below the NDV
   v -- Analyte detected in laboratory blank
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference

311015084511901 Site Name. —07H021

LOCATION.—Lat 31°10’17”, long 84°51’20”, Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAM-PLING DEPTH (FEET) (00003)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
NOV 2001													
14...	1500	1028	80020	37.40	75	--	--	--	770	5.4	61	5.8	44
APR 2002													
22...	1700	1028	80020	31.30	40	53.0	4040	20	761	5.7	67	6.0	46
JUN													
19...	1300	1028	80020	34.90	40	53.4	4040	--	765	5.0	58	5.8	46
SEP													
11...	1100	1028	80020	31.00	110	53.0	4040	9.2	759	5.3	61	5.9	51

Date	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
NOV 2001													
14...	22.1	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
22...	23.7	1	19	7.26	.165	E.08n	.1	1.01	18	21	E.02n	2.08	<.1
JUN													
19...	23.2	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	22.4	--	--	--	--	--	--	--	--	--	--	--	--

Date	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)
NOV 2001													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
22...	45.2	1.4	68	<.04	<.10	.17	<.008	.05	E.3n	<1	.13	<.2	3
JUN													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)
NOV 2001													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
22...	E.03	E6	.09	E.7	.10	2.6	E7	.12	2.2	1.6	E.1	1.72	.5
JUN													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
NOV 2001													
14...	--	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.002
APR 2002													
22...	<1	4.25	<.04	.5	7	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006
JUN													
19...	--	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
SEP													
11...	--	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
NOV 2001													
14...	--	--	--	<.006	--	<.004	<.007	<.002	<.02	<.008	<.04	<.005	--
APR 2002													
22...	<.1	<.005	<.005	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004
JUN													
19...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--
SEP													
11...	--	--	--	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	--

Date	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)
NOV 2001													
14...	--	--	--	<.009	--	<.03	<.010	<.004	<.02	<.01	--	--	--
APR 2002													
22...	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005
JUN													
19...	--	--	--	<.007	--	<.03	<.010	<.004	<.02	<.01	--	--	--
SEP													
11...	--	--	--	<.007	--	<.03	<.010	<.004	<.02	<.01	--	--	--

Date	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)
NOV 2001													
14...	<.03	<.02	.175	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
APR 2002													
22...	<.03	<.02	E.009	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009
JUN													
19...	<.03	<.02	.011	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
SEP													
11...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--

Date	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)
NOV 2001													
14...	<.01	<.003	<.03	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--
APR 2002													
22...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02
JUN													
19...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--
SEP													
11...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	--	<.01	<.03	--

Date	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
NOV 2001													
14...	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005
APR 2002													
22...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005
JUN													
19...	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005
SEP													
11...	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005

Date	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)
NOV 2001													
14...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008
APR 2002													
22...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008
JUN													
19...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008
SEP													
11...	--	--	--	--	--	<.03	--	<.01	<.03	--	<.003	--	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
NOV 2001													
14...	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02
APR 2002													
22...	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02
JUN													
19...	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02
SEP													
11...	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)
NOV 2001													
14...	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	--
APR 2002													
22...	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	E.02	<.002	<.008
JUN													
19...	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	--
SEP													
11...	<.01	--	<.02	--	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	--

Date	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHYS-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
NOV 2001													
14...	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.007	<.002
APR 2002													
22...	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004
JUN													
19...	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004
SEP													
11...	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004

Date	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)
NOV 2001													
14...	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010
APR 2002													
22...	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010
JUN													
19...	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010
SEP													
11...	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010

Date	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETRURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
NOV 2001													
14...	<.011	<.02	--	<.010	<.02	<.008	<.02	<.011	<.009	--	--	--	<.006
APR 2002													
22...	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02
JUN													
19...	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--	<.02
SEP													
11...	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--	<.02

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
NOV 2001													
14...	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002
APR 2002													
22...	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002
JUN													
19...	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002
SEP													
11...	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
NOV 2001												
14...	<.009	--	<.02	<.009	<.02	--	--	--	2099	10.00	4040	8.00
APR 2002												
22...	--u	<.004	<.02	<.009	<.02	<.05	<.01	E.01	2003	15.00	4040	8.00
JUN												
19...	--u	--	<.02	<.009	<.02	--	--	--	2003	10.00	4040	8.00
SEP												
11...	--u	--	<.02	<.009	<.02	--	--	--	2001	10.00	4040	8.00

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   n -- Below the NDV
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference

311327084484101 Site Name. —07H024

LOCATION.—Lat 31°13’28”, long 84°48’42”, Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 21...	1600	1028	80020	36.20	50	57.0	4040	34	764	4.6	51	7.6	226

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
MAR 2002 21...	20.1	9	110	45.1	.477	<.10	.1	1.66	106	129	E.02n	3.15	<.1

Date	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
MAR 2002 21...	6.54	.6	134	<.04	<.10	.98	<.008	E.01	E.2n	<1	<.05	<.2	3

Date	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)
MAR 2002 21...	E.05	8	E.03	1.6	.07	.3	<10	E.04	E.2	.4	E.1	<.06	<.3

Date	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYLPHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLOROANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
MAR 2002 21...	<1	19.5	<.04	E.1	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
MAR 2002 21...	--u	<.005	<.005	<.006	--	<.006	<.103	<.004	<.02	<.008	<.04	<.005	<.004

Date	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)
MAR 2002 21...	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005

Date	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)
MAR 2002 21...	<.03	<.02	.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009

Date	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)
MAR 2002 21...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02

Date	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
MAR 2002 21...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005

Date	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)
MAR 2002 21...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
MAR 2002 21...	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.09

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)
MAR 2002 21...	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008

Date	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHYS-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAR 2002 21...	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004

Date	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)
MAR 2002 21...	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010

Date	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETRURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
MAR 2002 21...	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02

Date	TEFLUTHRIN METABOLITE R119364 FLT REC (UG/L) (61671)	TEFLUTHRIN METABOLITE R152912 FLT REC (UG/L) (61672)	TEFLUTHRIN WATER FLTRD REC (UG/L) (61606)	TEMEPHOS WATER FLTRD REC (UG/L) (61607)	TERBACIL, WATER, DISS, REC (UG/L) (04032)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUFOS O-ANALOGUE WAT FLT REC (UG/L) (61674)	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANSCARBOXYATE WATER FLTRD REC (UG/L) (79843)	TRANSPROPICONAZOLE WAT FLT REC (UG/L) (79847)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
MAR 2002 21...	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002

Date	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBUPHOS WATER FLTRD REC (UG/L) (61610)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DIMETHOMORPH WATER FLTRD REC (UG/L) (79845)	DICHLORVOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAMPLING CONDITION (72006)
MAR 2002 21...	--u	<.004	<.02	<.009	<.02	<.05	<.01	.07	2003	15.00	4040	8.00

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Remark codes used in this report:
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   n -- Below the NDV
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference
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310552084435601 Site Name. —08G008

LOCATION.—Lat 31°05’51”, long 84°43’53”, Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAM-PLING DEPTH (FEET) (00003)	SAM-PLING METHOD, CODES (82398)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
NOV 2001													
15...	1100	1028	80020	36.20	80	--	4040	--	769	7.3	84	7.7	260
APR 2002													
11...	1600	1028	80020	31.00	200	54.5	4040	6.2	769	7.1	77	7.7	258
JUN													
19...	1100	1028	80020	33.80	45	57.0	4040	--	768	7.0	78	7.6	263
SEP													
11...	1400	1028	80020	35.00	45	57.0	4040	3.0	760	7.3	83	7.7	264

Date	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
NOV 2001													
15...	22.8	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
11...	19.6	32	120	46.9	.518	E.09n	.1	2.27	88	107	.06	5.25	E.1n
JUN													
19...	21.2	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	21.7	--	--	--	--	--	--	--	--	--	--	--	--

Date	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)
NOV 2001													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
11...	5.83	.5	152	<.04	<.10	7.97	<.008	<.02	E.3n	<1	E.04	<.2	4
JUN													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)
NOV 2001													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 2002													
11...	<.06	E6	<.04	1.3	.09	.3	<10	.12	<.3	<.1	<.2	.78	<.3
JUN													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
NOV 2001													
15...	--	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.002
APR 2002													
11...	<1	21.2	<.04	1.9	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	--
JUN													
19...	--	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006
SEP													
11...	--	--	--	--	--	--	--	--	<.009	<.02	<.02	--	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
NOV 2001													
15...	--	--	--	<.006	--	<.004	<.007	.004	<.02	<.008	<.04	<.005	--
APR 2002													
11...	<.1	<.005	<.005	<.006	--	--	<.007	--	<.02	<.008	<.04	--	<.004
JUN													
19...	--	--	--	<.006	--	<.006	<.007	E.003	<.02	<.008	<.04	<.005	--
SEP													
11...	--	--	--	<.006	--	<.006	<.007	.006	<.02	<.008	<.04	<.005	--

Date	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)
NOV 2001													
15...	--	--	--	.020	--	<.03	<.010	.009	<.02	<.01	--	--	--
APR 2002													
11...	<.004	<.005	E.01	--	<.02	<.03	--	<.004	<.02	<.01	<.003	--u	<.005
JUN													
19...	--	--	--	E.018	--	<.03	<.010	.005	<.02	<.01	--	--	--
SEP													
11...	--	--	--	.018	--	<.03	<.010	<.004	<.02	<.01	--	--	--

Date	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)
NOV 2001													
15...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
APR 2002													
11...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009
JUN													
19...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--
SEP													
11...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--	--

Date	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)
NOV 2001													
15...	<.01	<.003	E.003	<.01	E.01	<.005	<.01	<.01	<.005	--	.04	<.03	--
APR 2002													
11...	<.01	--	--	<.01	<.04	--	<.01	<.01	--	<.006	.03	<.03	<.02
JUN													
19...	<.01	<.003	<.006	<.01	E.02	<.005	<.01	<.01	<.005	--	.03	<.03	--
SEP													
11...	<.01	<.003	E.004	<.01	E.01	<.005	<.01	<.01	<.005	--	.02	<.03	--

Date	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
NOV 2001													
15...	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005
APR 2002													
11...	<.002	--	<.01	<.02	<.005	<.01	<.004	<.006	--	--	<.004	<.03	--
JUN													
19...	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005
SEP													
11...	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--	<.005

Date	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)
NOV 2001													
15...	--	--	--	--	--	<.03	--	<.01	.19	--	<.003	--	E.004
APR 2002													
11...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	.19	<.002	--	.154	E.005
JUN													
19...	--	--	--	--	--	<.03	--	<.01	.22	--	<.003	--	<.008
SEP													
11...	--	--	--	--	--	<.03	--	<.01	.18	--	<.003	--	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
NOV 2001													
15...	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02
APR 2002													
11...	--u	<.02	<.02	<.007	<1	<.003	<.009	--	<.01	--	<.008	--	<.02
JUN													
19...	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02
SEP													
11...	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027	<.02

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)
NOV 2001													
15...	<.01	--	<.02	--	<.008	<.004	<.050	<.006	.136	<.006	<.03	<.002	--
APR 2002													
11...	<.01	<.005	<.02	<.006	<.008	<.004	--	--	--	--	<.03	--	<.008
JUN													
19...	<.01	--	<.02	--	<.008	<.004	<.050	<.006	.174	<.006	<.03	<.002	--
SEP													
11...	<.01	--	<.02	--	<.008	<.004	<.050	<.006	.182	<.006	<.03	<.002	--

Date	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHYS-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
NOV 2001													
15...	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.007	<.002
APR 2002													
11...	--	<.01	<.01	<.02	<.008	<.02	<.01	<.007	--	<.008	<.03	--	--
JUN													
19...	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004
SEP													
11...	<.007	<.01	<.01	<.02	--	<.02	<.01	--	<.003	--	--	<.010	<.004

Date	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)
NOV 2001													
15...	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010
APR 2002													
11...	--	--	<.10	--	<.06	<.008	<.005	<.02	<.006	--	<.005	--	--
JUN													
19...	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010
SEP													
11...	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004	<.010

Date	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETRURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
NOV 2001													
15...	<.011	<.02	--	<.010	<.02	<.008	<.02	<.011	<.009	--	--	--	<.02
APR 2002													
11...	--	--	<.004	<.010	<.02	<.008	<.02	--	<.009	<.003	<.02	<.006	--
JUN													
19...	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--	<.02
SEP													
11...	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--	<.02

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
NOV 2001													
15...	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002
APR 2002													
11...	<.02	<.01	<.008	<.3	<.010	--	--	<.07	<.01	--	<.03	<.01	--
JUN													
19...	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002
SEP													
11...	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--	<.002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
NOV 2001												
15...	<.009	--	<.02	<.009	<.02	--	--	--	2099	10.00	4040	8.00
APR 2002												
11...	--u	<.004	<.02	--	<.02	<.05	<.01	.06	2001	15.00	4040	8.00
JUN												
19...	--u	--	<.02	<.009	<.02	--	--	--	2003	10.00	4040	8.00
SEP												
11...	--u	--	<.02	<.009	<.02	--	--	--	2099	10.00	4040	8.00

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   n -- Below the NDV
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference

310913084195301 Site Name. —11H014

LOCATION.—Lat 31°09’17”, long 84°19’56”, Mitchell County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
APR 2002 10...	1200	1028	80020	42.80	80	45.5	4040	3.5	769	6.2	69	7.5	262

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
APR 2002 10...	21.2	2	120	47.4	.811	E.09n	.1	1.82	120	146	E.02n	3.21	E.1n

Date	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
APR 2002 10...	6.44	.4	146	<.04	<.10	1.70	<.008	E.01	E.3n	<1	E.04	<.2	5

Date	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)
APR 2002 10...	E.03	7	<.04	.9	.10	.3	<10	<.08	<.3	<.1	<.2	.51	<.3

Date	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
APR 2002 10...	<1	30.2	<.04	1.9	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYLACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYLMETHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
APR 2002 10...	--u	<.005	<.005	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004

Date	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)
APR 2002 10...	<.004	<.005	<.01	E.004n	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005

Date	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)
APR 2002 10...	M	<.02	.014	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009

Date	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)
APR 2002 10...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02

Date	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
APR 2002 10...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005

Date	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)
APR 2002 10...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	.265	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
APR 2002 10...	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)
APR 2002 10...	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008

Date	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL-FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 2002 10...	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004

Date	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)
APR 2002 10...	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010

Date	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR-IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
APR 2002 10...	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
APR 2002 10...	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR 2002 10...	--u	<.004	<.02	<.009	<.02	<.05	<.01	.22	2003	15.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

314357084380001 Site Name. —08M005

LOCATION.—Lat 31°43’55”, long 84°37’59”, Randolph County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 06...	1100	1028	80020	26.50	48	17.6	4040	.3	770	7.7	80	4.8	28

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
MAR 2002 06...	17.8	2	3	.51	.525	<.10	.6	2.49	1	1	E.02n	3.01	<.1

Date	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
MAR 2002 06...	4.02	.2	10	<.04	<.10	1.52	<.008	<.02	31	.10	<.2	5	.07

Date	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)
MAR 2002 06...	8	<.04	<.8	.99	.7	<10	.49	.4	9.2	E.1	.32	<.3	<1

Date	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)
MAR 2002 06...	4.13	<.04	.3	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	--u	<.005

Date	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRIFLUORO-METHYL WAT FLT REC (UG/L) (61630)	AZINPHOSMETHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)
MAR 2002 06...	<.005	<.006	--	<.007	<.02	<.008	<.04	<.004	<.004	<.005	<.01	<.02	<.03

Date	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)
MAR 2002 06...	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010

Date	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
MAR 2002 06...	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.01	<.04	<.01	<.01	<.006	<.01

Date	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)
MAR 2002 06...	<.03	<.02	<.002	<.01	<.02	<.005	<.01	<.004	<.006	<.004	<.03	<.008	<.03

Date	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)
MAR 2002 06...	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.013	<.008	--u	<.02	<.02

Date	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)
MAR 2002 06...	<.007	<1	<.003	<.009	<.01	<.008	<.02	<.01	<.005	<.02	<.006	<.008	<.004

Date	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)
MAR 2002 06...	<.03	<.008	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.008	<.03	<.10	<.06

Date	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
MAR 2002 06...	<.008	<.005	<.02	<.006	<.005	<.004	<.010	<.02	<.008	<.02	<.009	<.003	<.02

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
MAR 2002 06...	<.006	<.02	<.01	<.008	<.3	<.010	<.07	<.01	<.03	<.01	--u	<.004	<.02

Date	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR 2002 06...	<.02	<.05	<.01	E.01	2003	15.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

305641084542001 Site Name. —06F087

LOCATION.—Lat 30°56'43", long 84°54'20", Seminole County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
APR 2002 22...	1200	1028	80020	46.50	72	51.0	4040	83	765	5.8	67	7.4	279

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
APR 2002 22...	23.0	6	130	52.1	.885	.37	.1	3.42	5	128	156	.04	3.51

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
APR 2002 22...	<.1	5.60	.5	144	152	<.04	<.10	2.07	<.008	E.02	.3	<1	.10

Date	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)
APR 2002 22...	<.2	8	.11	8	.04	E.6	.12	.2	<10	E.05	E.2	1.7	E.1

Date	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
APR 2002 22...	1.68	<.3	<1	30.8	<.04	.9	<1	<.05	<.09	<.01	<.009	<.02	<.02

Date	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
APR 2002 22...	<.03	<.006	<.1	<.005	<.005	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04

Date	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)
APR 2002 22...	<.005	<.004	<.004	<.005	<.01	.035	<.02	<.03	<.010	<.004	<.02	<.01	<.003

Date	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)
APR 2002 22...	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005

Date	FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CY-CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DACTHAL DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEETHYL PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DEISO-DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DICHLOR DI-ELDRIN DIS-SOLVED (UG/L) (39381)	OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DIMETH-DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
APR 2002 22...	<.008	<.009	<.01	<.003	E.009	M	E.02	<.005	<.01	<.01	<.005	<.006	<.01

Date	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)
APR 2002 22...	<.03	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004

Date	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)
APR 2002 22...	<.03	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003

Date	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)
APR 2002 22...	<.013	E.015	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008

Date	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
APR 2002 22...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03

Date	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)
APR 2002 22...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)
APR 2002 22...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005

Date	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
APR 2002 22...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)
APR 2002 22...	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03

Date	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
APR 2002 22...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	.07	2003	15.00	4040

Date	SAMPLING CONDITION (72006)
APR 2002 22...	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

320011084121501 Site Name. —12Q056

LOCATION.—Lat 32°00’12”, long 84°12’12”, Sumter County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 04...	1100	1028	80020	5.20	93	16.0	4040	1.4	770	5.1	50	4.5	99

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
MAR 2002 04...	15.2	22	4.38	2.64	.61	.3	3.62	26	E.02n	6.15	E.1n	6.18	.7

Date	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)
MAR 2002 04...	54	<.050	E.06	7.75	<.05	365	.09	<.2	69	.26	9	.05	E.8

Date	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)
MAR 2002 04...	1.89	1.1	<10	2.23	1.2	34.0	E.1	2.03	<.3	<1	26.3	E.03	.5

Date	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-DMETHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYLACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYLMETHYLSULFONE WAT FLT REC (UG/L) (61634)
MAR 2002 04...	3	<.05	<.09	<.01	<.009	<.02	<.02	<.03	--u	<.005	<.005	<.006	--

Date	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRIFLUOROMETHYL WAT FLT REC (UG/L) (61630)	AZINPHOSMETHYLOXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BENSULFURON METHYL WAT FLT REC (UG/L) (61693)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)
MAR 2002 04...	<.007	<.02	<.008	<.04	<.004	<.004	<.005	<.01	<.02	<.03	<.004	<.02	<.01

Date	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)
MAR 2002 04...	<.003	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008

Date	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)
MAR 2002 04...	<.005	<.008	<.009	<.01	<.01	E.01	<.01	<.01	<.006	<.01	<.03	<.02	<.002

Date	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)
MAR 2002 04...	<.01	<.02	<.005	<.01	<.004	<.006	<.004	<.03	<.008	<.03	<.03	<.008	<.02

Date	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)
MAR 2002 04...	<.03	<.004	<.01	<.03	<.002	<.013	E.013	--u	<.02	<.02	<.007	<1	<.003

Date	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
MAR 2002 04...	<.009	<.01	<.008	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.03	<.008	<.01

Date	NICOSUL-FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)
MAR 2002 04...	<.01	<.02	<.008	<.02	<.01	<.007	<.008	<.03	<.10	<.06	<.008	<.005	<.02

Date	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)
MAR 2002 04...	<.006	<.005	<.004	<.010	<.02	<.008	<.02	<.009	<.003	<.02	<.006	<.02	<.01

Date	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
MAR 2002 04...	<.008	<.3	<.010	<.07	<.01	<.03	<.01	--u	<.004	<.02	<.02	<.05	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR 2002 04...	.12	2003	15.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

32005108406140 Site Name. —13Q050

LOCATION.—Lat 32°00’52”, long 84°06’14”, Sumter County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS TOTAL (MG/L AS CACO3) (00900)
MAR 2002 08...	1100	1028	80020	13.50	73	50.0	4040	2.1	3.9	7.5	251	20.7	100

Date	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
MAR 2002 08...	40.7	.746	.37	.5	11.1	19	129	155	<.03	1.83	E.1n	13.1	.9

Date	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)
MAR 2002 08...	146	145	<1	.16	2.2	3	<.06	11	<.04	1.7	.08	.2	<10

Date	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)
MAR 2002 08...	<.08	2.4	1.2	.6	E.03	9.4	<1	48.8	<.04	.8	<1	<.05	<.09

Date	2(4TERTBUTYLPHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLOROANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)
MAR 2002 08...	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005	<.006	--	<.006	<.007

Date	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRIFLUOROMETHYL WAT FLT REC (UG/L) (61630)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	AZINPHOSMETHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
MAR 2002 08...	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01	<.007	<.02	<.03	<.010

Date	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)
MAR 2002 08...	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02	E.004n	<.03	<.006	<.02	<.010

Date	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
MAR 2002 08...	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006	<.01	<.04	<.005	<.01

Date	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)
MAR 2002 08...	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004

Date	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)
MAR 2002 08...	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004

Date	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)
MAR 2002 08...	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02	<.02	<.007	<1	<.003	<.009

Date	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)
MAR 2002 08...	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050

Date	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)
MAR 2002													
08...	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01

Date	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)
MAR 2002													
08...	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005

Date	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)
MAR 2002													
08...	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02

Date	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)
MAR 2002													
08...	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02

Date	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
MAR 2002													
08...	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR 2002					
08...	.48	2003	15.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

320001084032801 Site Name. —13Q051

LOCATION.—Lat 32°00’03”, long 84°03’25”, Sumter County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
NOV 2001													
16...	1300	1028	80020	26.50	45	--	4040	--	765	7.2	78	7.8	207
MAR 2002													
22...	1200	1028	80020	18.30	70	38.9	4040	19	767	6.7	69	7.8	208
JUN													
18...	1500	1028	80020	26.60	55	43.0	4040	--	747	6.6	79	7.7	206
SEP													
12...	1000	1028	80020	36.60	70	40.0	4040	1.6	762	6.7	76	7.7	205

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
NOV 2001													
16...	19.5	--	--	--	--	--	--	--	--	--	--	--	--
MAR 2002													
22...	17.2	95	37.2	.488	.12	.2	4.07	9	96	117	E.03n	3.77	<.1
JUN													
18...	23.0	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
12...	21.2	--	--	--	--	--	--	--	--	--	--	--	--

Date	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)
NOV 2001													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 2002													
22...	7.92	.2	131	119	<.04	<.10	1.59	<.008	.03	E.2n	1	.36	E.2
JUN													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)
NOV 2001													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 2002													
22...	7	<.06	E7	<.04	E.5	.08	E.2	<10	E.07	.6	.4	.3	.35
JUN													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)
NOV 2001													
16...	--	--	--	--	--	--	--	--	--	<.009	<.02	<.02	--
MAR 2002													
22...	.4	<1	39.6	<.04	<.2	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03
JUN													
18...	--	--	--	--	--	--	--	--	--	<.009	<.02	<.02	--
SEP													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)
NOV 2001													
16...	<.002	--	--	--	<.006	--	<.004	<.007	<.002	E.01	E.004	<.04	<.005
MAR 2002													
22...	<.006	--u	<.005	<.005	<.006	--	<.006	<.100	<.004	<.02	E.005	<.04	<.005
JUN													
18...	<.006	--	--	--	<.006	--	<.006	<.007	<.004	E.02	E.005	<.04	<.005
SEP													
12...	<.006	--	--	--	--	--	<.006	--	<.004	--	--	--	<.005

Date	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)
NOV 2001													
16...	--	--	--	--	<.009	--	<.03	<.010	<.004	<.02	<.01	--	--
MAR 2002													
22...	<.004	<.004	<.005	E.04	<.007	<.02	<.03	<.010	.006	<.02	<.01	<.003	--u
JUN													
18...	--	--	--	--	<.007	--	<.03	<.010	.007	<.02	<.01	--	--
SEP													
12...	--	--	--	--	<.007	--	--	<.010	--	--	--	--	--

Date	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)
NOV 2001													
16...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
MAR 2002													
22...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008
JUN													
18...	--	<.03	<.02	<.010	<.03	<.006	<.02	<.010	--	--	--	<.01	--
SEP													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)
NOV 2001													
16...	--	<.01	<.003	<.03	E.01	E.06	<.005	<.01	<.01	<.005	--	<.01	<.03
MAR 2002													
22...	<.009	<.01	<.003	<.006	E.01	E.05	<.005	<.01	<.01	<.005	<.006	<.01	<.03
JUN													
18...	--	<.01	<.003	<.006	<.01	E.06	<.005	<.01	<.01	<.005	--	<.01	<.03
SEP													
12...	--	--	<.003	<.006	--	--	<.005	--	--	<.005	--	--	--

Date	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)
NOV 2001													
16...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
MAR 2002													
22...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03
JUN													
18...	--	--	<.02	<.01	--	--	--	--	--	<.002	<.009	--	--
SEP													
12...	--	--	<.02	--	--	--	--	--	--	<.002	<.009	--	--

Date	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)
NOV 2001													
16...	<.005	--	--	--	--	--	<.03	--	<.01	.89	--	<.003	--
MAR 2002													
22...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E1.49	<.002	<.003	<.013
JUN													
18...	<.005	--	--	--	--	--	<.03	--	<.01	E1.87	--	<.003	--
SEP													
12...	<.005	--	--	--	--	--	--	--	--	--	--	<.003	--

Date	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)
NOV 2001													
16...	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027
MAR 2002													
22...	<.008	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027
JUN													
18...	<.008	--	<.02	<.02	<.007	--	--	--	<.004	<.01	<.035	--	<.027
SEP													
12...	--	--	--	--	--	--	--	--	<.004	--	<.035	--	<.027

Date	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
NOV 2001													
16...	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	.044	<.006	<.03	<.002
MAR 2002													
22...	<.08	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	.078	<.006	<.03	<.002
JUN													
18...	<.02	<.01	--	<.02	--	<.008	<.004	<.050	<.006	.124	<.006	<.03	<.002
SEP													
12...	--	--	--	--	--	--	--	<.050	<.006	.052	<.006	--	<.002

Date	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)
NOV 2001													
16...	--	<.007	<.01	<.01	E.19	--	<.02	<.01	--	<.003	--	--	<.007
MAR 2002													
22...	<.008	<.007	<.01	<.01	E.31	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010
JUN													
18...	--	<.007	<.01	<.01	E.30	--	<.02	<.01	--	<.003	--	--	<.010
SEP													
12...	--	<.007	--	--	--	--	--	--	--	<.003	--	--	<.010

Date	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
NOV 2001													
16...	<.002	<.010	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004
MAR 2002													
22...	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	E.003	<.004
JUN													
18...	<.004	<.022	<.006	--	<.011	--	--	--	<.02	--	<.01	--	<.004
SEP													
12...	<.004	<.022	<.006	--	<.011	--	--	--	--	--	<.01	--	<.004

Date	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)
NOV 2001													
16...	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.011	<.009	--	--	--
MAR 2002													
22...	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006
JUN													
18...	<.010	<.011	<.02	--	<.010	<.02	<.008	<.02	<.005	<.009	--	--	--
SEP													
12...	<.010	<.011	<.02	--	--	--	--	--	<.005	--	--	--	--

Date	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLUTHRIN METABOLITE R119364 FLT REC (UG/L) (61671)	TEFLUTHRIN METABOLITE R152912 FLT REC (UG/L) (61672)	TEFLUTHRIN WATER FLTRD REC (UG/L) (61606)	TEMEPHOS WATER FLTRD REC (UG/L) (61607)	TERBACIL, WATER, DISS, REC (UG/L) (04032)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUFOS O-ANALOGUE WAT FLT REC (UG/L) (61674)	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANSCARBOXYATE WATER FLTRD REC (UG/L) (79843)	TRANSPROPICONAZOLE WAT FLT REC (UG/L) (79847)
NOV 2001													
16...	<.006	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--
MAR 2002													
22...	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01
JUN													
18...	<.02	--	--	--	--	<.010	<.034	<.02	--	--	<.005	--	--
SEP													
12...	<.02	--	--	--	--	--	<.034	<.02	--	--	<.005	--	--

Date	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBUPHOS WATER FLTRD REC (UG/L) (61610)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DIMETHOMORPH WATER FLTRD REC (UG/L) (79845)	DICHLORVOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAMPLING CONDITION (72006)
NOV 2001													
16...	<.002	<.009	--	<.02	<.009	<.02	--	--	--	2099	10.00	4040	8.00
MAR 2002													
22...	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	.15	2003	15.00	4040	8.00
JUN													
18...	<.002	--u	--	<.02	<.009	<.02	--	--	--	2003	10.00	4040	8.00
SEP													
12...	<.002	--	--	--	<.009	--	--	--	--	2001	10.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

314858084194901 Site Name. —11N010

LOCATION.—Lat 31°48’58”, long 84°19’49”, Terrell County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
APR 2002 08...	1200	1028	80020	26.70	80	42.0	4040	4.5	765	5.8	66	5.1	24

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
APR 2002 08...	21.8	1	4	.77	.507	.22	.6	2.65	57	2	3	<.03	2.34

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
APR 2002 08...	.1	18.6	1.3	25	30	<.04	<.10	.48	<.008	<.02	E.2n	8	<.05

Date	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)
APR 2002 08...	<.2	3	.74	12	.79	1.7	1.94	.8	<10	.22	2.2	14.9	<.2

Date	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
APR 2002 08...	10.7	E.3	<1	2.83	.05	.4	14	<.05	<.09	<.01	<.009	<.02	<.02

Date	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROPPYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
APR 2002 08...	<.03	<.006	--u	<.005	<.005	<.006	--	<.006	<.007	<.004	<.02	<.008	<.04

Date	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)
APR 2002 08...	<.005	<.004	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003

Date	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)
APR 2002 08...	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005

Date	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
APR 2002 08...	<.008	<.009	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01

Date	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)
APR 2002 08...	<.03	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004

Date	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)
APR 2002 08...	<.03	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003

Date	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)
APR 2002 08...	<.013	<.008	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008

Date	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
APR 2002 08...	<.027	<.02	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	E.004n	<.006	<.03

Date	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)
APR 2002 08...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)
APR 2002 08...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005

Date	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
APR 2002 08...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)
APR 2002 08...	<.006	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03

Date	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
APR 2002 08...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	E.01	2003	15.00	4040

Date	SAMPLING CONDITION (72006)
APR 2002	
08...	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value
Value qualifier codes used in this report:
n -- Below the NDV
Null value qualifier codes used in this report:
u -- Unable to determine-matrix interference

312127083374701 Site Name.--16J033

LOCATION.—Lat 31°21'26.7", long 83°37'46.7", NAD83, Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
APR 17...	1520	1028	80020	27.45	65	33	759	4.7	56	5.4	31	24.1	7

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
APR 17...	1.34	.769	.82	.5	3.12	47	9	E.01n	3.07	.1	87.5	.2	105

Date	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)
APR 17...	105	<.04	<.10	.51	<.008	<.02	.7	2	E.03	<.2	37	.32	7

Date	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)
APR 17...	<.04	3.4	.36	.3	<10	<.08	7.8	1.6	<.2	.37	<.3	<1	13.3

Date	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)
APR 17...	<.04	1.5	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1	<.005

Date	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)
APR 17...	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005

Date	ANILINE 3-TRIFLUOROMETHYL WAT FLT REC (UG/L) (61630)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	AZINPHOSMETHYLOXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BENSULFURON METHYL WAT FLT REC (UG/L) (61693)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZOPHENONE 4,4-DICHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHENOXY WAT FLT REC (UG/L) (61629)	BIFENTHRIN WATER FLTRD REC (UG/L) (61580)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 17...	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02

Date	CAFFEINE, WATER FLTRD REC (UG/L) (50305)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORIMURON, WATER FLTRD REC (UG/L) (50306)	CHLORPYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOXYATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPICONAZOLE WAT FLT REC (UG/L) (79846)	CYCLOATE, WATER, DISS, REC (UG/L) (04031)	CYFLUTHRIN WATER FLTRD REC (UG/L) (61585)	CYPERMETHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
APR 17...	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003

Date	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISOPROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISOPROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DIAZINON, DISSOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIELDRIN DISSOLVED (UG/L) (39381)	DIMETHOATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHENAMID, WATER, DISS, REC (UG/L) (04033)	DISULFOTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULFOTON SULFOXIDE WAT FLT REC (UG/L) (61641)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
APR 17...	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02

Date	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DIMETHOMORPH WATER FLTRD REC (UG/L) (79844)	ENDOSULFAN ALPHA DISSOLV (UG/L) (34362)	ENDOSULFAN BETA DISSOLV (UG/L) (34357)	ENDOSULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDOSULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMIPHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMIPHOS SULFOXIDE WAT FLT REC (UG/L) (61646)
APR 17...	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03

Date	FENAMIPHOS WATER FLTRD REC (UG/L) (61591)	FENTHION SULFOXIDE WAT FLT REC (UG/L) (61647)	FENTHION WATER FLTRD (UG/L) (38801)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMETRALIN WATER FLTRD REC (UG/L) (61592)	FLUMETSULAM WATER FLTRD REC (UG/L) (61694)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRAZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYLPENDIMETHLION FLT REC (UG/L) (61665)	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)
APR 17...	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02

Date	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)
APR 17...	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005

Date	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
APR 17...	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01

Date	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
APR 17...	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006

Date	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 17...	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02

Date	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)
APR 17...	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01

Date	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)
APR 17...	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)
APR 17...	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03

Date	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)
APR 17...	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05

Date	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)
APR 17...	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03

Date	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)
APR 17...	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2

Date	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNF LTRD RECOVER (UG/L) (49991)
APR 17...	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0

Date	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)
APR 17...	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2

Date	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
APR 17...	<.1	<.07	<.04	<.03	<.06	<.05	E.02	<.09	<.04	<.09	<.1	<.01	.22

Date	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR 17...	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
n -- Below the NDV
v -- Analyte detected in laboratory blank

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

312505083382001 Site Name.--16K019

LOCATION.—Lat 31°25’05.4”, long 83°38’19.9”, NAD83, Tift County

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS TOTAL (MG/L AS CACO3) (00900)
MAY													
15...	1520	1028	80020	6.14	100	2.7	759	4.7	58	7.9	275	25.0	110

Date	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
MAY													
15...	35.9	5.51	1.11	.4	9.57	15	E.02n	12.7	.2	25.4	1.4	186	<.04

Date	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)
MAY													
15...	<.10	7.11	<.008	<.02	.4	5	.05	.5	70	<.06	8	<.04	E.7

Date	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)
MAY													
15...	.08	E.1	<10	<.08	2.5	.4	1.3	.59	E.2	<1	69.7	E.03	2.8

Date	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
MAY													
15...	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1	<.005	<.005	<.006

Date	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)
MAY 15...	<.03	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01	.009

Date	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
MAY 15...	<.02	<.03	<.010	<.004	<.02	E.01	<.003	<.10	<.005	<.03	<.02	<.010	<.03

Date	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)
MAY 15...	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	E.012	<.01

Date	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)
MAY 15...	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01	<.02

Date	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)
MAY 15...	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03	<.008

Date	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)
MAY 15...	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	<.1	<.02	<.02	<.007

Date	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MALATHION, DISSOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)
MAY 15...	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02	<.006

Date	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
MAY 15...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01	<.01	<.02

Date	O-ETHYL O-METHY S-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 15...	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10	<.011

Date	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
MAY 15...	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004	<.010

Date	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETRURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLUTHRIN METABOLITE R119364 FLT REC (UG/L) (61671)	TEFLUTHRIN METABOLITE R152912 FLT REC (UG/L) (61672)	TEFLUTHRIN WATER FLTRD REC (UG/L) (61606)	TEMEPHOS WATER FLTRD REC (UG/L) (61607)
MAY 15...	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008	<.3

Date	TERBACIL, WATER, DISS, REC (UG/L) (04032)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUFOS O-ANALOGUE WAT FLT REC (UG/L) (61674)	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANSCARBOXYATE WATER FLTRD REC (UG/L) (79843)	TRANSPROPICONAZOLE WAT FLT REC (UG/L) (79847)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBUPHOS WATER FLTRD REC (UG/L) (61610)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
MAY 15...	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02	<.009

Date	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHOMORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRICHLOROETHANE TOTAL (UG/L) (34506)	1,1,2-TRICHLOROETHANE TOTAL (UG/L) (34511)	1,1-DICHLOROETHANE TOTAL (UG/L) (34496)	1,1-DICHLOROETHYLENE TOTAL (UG/L) (34501)	1,1-DICHLOROPROPENE, WAT, WH TOTAL (UG/L) (77168)	123-TRICHLOROPROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMOETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DICHLOROETHANE TOTAL (UG/L) (32103)	1,2-DICHLOROPROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DICHLOROETHENE TOTAL (UG/L) (34546)	2,2-DICHLOROPROPANE WAT, WH TOTAL (UG/L) (77170)
MAY 15...	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05

Date	2BUTENE TRANS-1 4-DICHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXANONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLONITRILE TOTAL (UG/L) (34215)	1,2,3-TRICHLOROBENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRIMETHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRICHLORO- WAT UNF REC (UG/L) (34551)	BENZENE 124-TRIMETHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRIMETHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DICHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DICHLORO- WATER UNFLTRD REC (UG/L) (34571)	ISOPROPYLBENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)
MAY 15...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2

Date	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO- WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL- WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMOBENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMOETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMOFORM TOTAL (UG/L) (32104)	CARBON DISULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRACHLORIDE TOTAL (UG/L) (32102)	CHLOROBENZENE TOTAL (UG/L) (34301)	CHLORODIBROMOMETHANE TOTAL (UG/L) (32105)	CHLOROETHANE TOTAL (UG/L) (34311)
MAY 15...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1

Date	CHLOROFORM TOTAL (UG/L) (32106)	CIS-1,2-DICHLOROETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DICHLOROPROPENE TOTAL (UG/L) (34704)	DIBROMOCHLOROPROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DIBROMOMETHANE WATER WHOLE RECOVER (UG/L) (30217)	DICHLORODIFLUOROMETHANE TOTAL (UG/L) (32101)	DICHLORODIFLUOROMETHANE TOTAL (UG/L) (34668)	DI-ISOPROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRACHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRACHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXACHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)
MAY 15...	.14	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05

Date	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYLBENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRAHYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	HEXACHLOROBUTADIENE TOTAL (UG/L) (39702)	ISODURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHACRYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	METHACRYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLONITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMOCHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRYLATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)
MAY 15...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2

Date	METHYLBROMIDE TOTAL (UG/L) (34413)	METHYLCHLORIDE TOTAL (UG/L) (34418)	METHYLENE CHLORIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISOBUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTHALENE TOTAL (UG/L) (34696)	O-CHLOROTOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISOPROPYLTOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DICHLOROPROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)
MAY 15...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07

Date	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY 15...	<.04	<.03	<.06	<.05	<.05	<.09	<.04	<.09	<.1	<.01	1.25	15.00	4040

Date	SAM-PLING CONDI-TION (72006)
MAY 15...	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
n -- Below the NDV
v -- Analyte detected in laboratory blank

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

312003083314401 Site Name.—17J022.

LOCATION.—Lat 31°20’03”, long 83°31’44”, NAD27, Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
FEB 26...	1330	1028	80020	5.73	40	754	7.8	83	4.4	361	18.0	120	19.6

Date	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
FEB 26...	17.7	4.13	.3	8.16	12	.12	18.1	.1	11.3	.7	204	<.04	<.10

Date	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
FEB 26...	35.0	<.008	<.02	<.3	410	.08	<.2	168	.98	10	.16	E1.3n	9.39

Date	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
FEB 26...	1.1	18	.73	8.6	69.5	E.2	10.4	<.3	<1	63.7	.12	E.2	10

Date	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)
FEB 26...	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005	<.006	--m

Date	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)
FEB 26...	<.006	<.007	<.004	E.09m	E.060m	<.04	<.005	<.004	<.004	<.005	<.01	<.007	<.02

Date	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)
FEB 26...	<.03	<.010	.006	<.02	E.01m	<.003	--u	<.005	<.03	<.02	<.010	<.03	<.006

Date	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)
FEB 26...	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006	<.01	<.04

Date	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)
FEB 26...	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01	<.02	<.005

Date	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)
FEB 26...	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03	<.008	<.02

Date	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)
FEB 26...	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02	<.02	<.007	<1

Date	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MALATHION, DISSOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
FEB 26...	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008

Date	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)
FEB 26...	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01	<.01	<.02	<.008

Date	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)
FEB 26...	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06

Date	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)
FEB 26...	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004	<.010	<.02

Date	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLUTHRIN METABOLITE R119364 FLT REC (UG/L) (61671)	TEFLUTHRIN METABOLITE R152912 FLT REC (UG/L) (61672)	TEFLUTHRIN WATER FLTRD REC (UG/L) (61606)	TEMEPHOS WATER FLTRD REC (UG/L) (61607)	TERBACIL, WATER, DISS, REC (UG/L) (04032)
FEB 26...	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008	<.3	<.010

Date	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUFOS O-ANALOGUE WAT FLT REC (UG/L) (61674)	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANSCARBOXYATE WATER FLTRD REC (UG/L) (79843)	TRANSPROPICONAZOLE WAT FLT REC (UG/L) (79847)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBUPHOS WATER FLTRD REC (UG/L) (61610)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)
FEB 26...	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02	<.009	<.02

Date	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)
FEB 26...	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05	<.7

Date	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
FEB 26...	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2	<.04

Date	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)
FEB 26...	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1	<.02

Date	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)
FEB 26...	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05	<.08

Date	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)
FEB 26...	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2	<.3

Date	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)
FEB 26...	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07	<.04

Date	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
FEB													
26...	<.03	<.06	<.05	E.02	<.09	<.04	<.09	<.1	<.01	.50	15.00	4040	8.00

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

312021083350101 Site Name.--17J023.

LOCATION.—Lat 31°20’20”, long 83°35’00”, Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
FEB 27...	1420	1028	80020	2.73	40	758	6.3	67	4.5	141	17.4	14	17

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
FEB 27...	2.77	2.33	1.11	2	14.9	64	2	3	.05	17.8	<.1	85.9	1.6

Date	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
FEB 27...	165	161	E.02	<.10	7.52	<.008	<.02	E.3n	39	E.04	<.2	136	1.20

Date	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
FEB 27...	12	E.02	.8	1.64	.5	35	.41	34.5	3.7	E.2	4.71	<.3	<1

Date	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)
FEB 27...	35.5	E.03	E.1	1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
FEB 27...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004

Date	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
FEB 27...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03

Date	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
FEB 27...	<.02	.012	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)
FEB 27...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002

Date	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
FEB 27...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008

Date	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)
FEB 27...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u

Date	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
FEB 27...	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01

Date	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
FEB 27...	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007

Date	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
FEB 27...	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
FEB 27...	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)
FEB 27...	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02

Date	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
FEB 27...	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
FEB 27...	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1

Date	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
FEB 27...	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03

Date	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
FEB 27...	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06

Date	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
FEB 27...	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09

Date	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)
FEB 27...	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07

Date	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)
FEB 27...	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07

Date	1234-TETRAMETHYLBENZENE UNFLTRD REC (UG/L) (49999)	1,3-DICHLOROPROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRACHLOROETHYLENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L) (34699)	TRICHLOROETHYLENE TOTAL (UG/L) (39180)	TRICHLOROFLUOROMETHANE TOTAL (UG/L) (34488)	VINYL CHLORIDE TOTAL (UG/L) (39175)	DICHLOROVOS, WATER FLTRD REC (UG/L) (38775)
FEB													
27...	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.04	<.09	<.04	<.09	<.1	<.01

Date	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAMPLING CONDITION (72006)
FEB				
27...	.06	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

312623083352401 Site Name.—17K066.

LOCATION.—Lat 31°26’23.4”, long 83°35’23.8”, NAD83, Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
MAY													
15...	1100	1028	80020	14.44	55	2.9	759	8.7	103	4.7	53	23.8	5

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
MAY													
15...	1.11	.574	.29	1	5.96	70	E.02n	3.56	<.1	7.27	.6	36	<.04

Date	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)
MAY													
15...	<.10	3.69	<.008	<.02	E.2n	64	<.05	<.2	16	.16	E6	<.04	<.8

Date	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)
MAY													
15...	.66	.5	<10	1.12	1.1	1.4	<.2	.81	<.3	<1	5.00	<.04	E.1

Date	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
MAY													
15...	2	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1	<.005	<.005	<.006

Date	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)
MAY													
15...	<.03	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01	<.007

Date	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
MAY													
15...	<.02	<.03	<.010	<.004	<.02	<.01	<.003	<.10	<.005	<.03	<.02	<.010	<.03

Date	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)
MAY													
15...	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006	<.01

Date	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)
MAY													
15...	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01	<.02

Date	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)
MAY													
15...	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03	<.008

Date	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)
MAY													
15...	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	<.1	<.02	<.02	<.007

Date	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MALATHION, DISSOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)
MAY 15...	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02	<.006

Date	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
MAY 15...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01	<.01	<.02

Date	O-ETHYL O-METHY S-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
MAY 15...	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10	<.011

Date	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
MAY 15...	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004	<.010

Date	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETRURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLUTHRIN METABOLITE R119364 FLT REC (UG/L) (61671)	TEFLUTHRIN METABOLITE R152912 FLT REC (UG/L) (61672)	TEFLUTHRIN WATER FLTRD REC (UG/L) (61606)	TEMEPHOS WATER FLTRD REC (UG/L) (61607)
MAY 15...	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008	<.3

Date	TERBACIL, WATER, DISS, REC (UG/L) (04032)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUFOS O-ANALOGUE WAT FLT REC (UG/L) (61674)	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANSCARBOXYATE WATER FLTRD REC (UG/L) (79843)	TRANSPROPICONAZOLE WAT FLT REC (UG/L) (79847)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBUPHOS WATER FLTRD REC (UG/L) (61610)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
MAY 15...	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02	<.009

Date	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L) (34506)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L) (34511)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L) (34496)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO- PRO- PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO- PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2- DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L) (32103)	1,2-DI- CHLORO - PROPANE TOTAL (UG/L) (34541)	TRANS- 1,2-DI- CHLORO- ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO- PRO- PANE WAT, WH TOTAL (UG/L) (77170)
MAY 15...	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05

Date	2BUTENE TRANS-1 4-DI- CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA- NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO- NITRILE TOTAL (UG/L) (34215)	1,2,3- TRI- CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4- TRI- CHLORO- WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI- CHLORO - WATER UNFLTRD REC (UG/L) (34571)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)
MAY 15...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2

Date	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO- BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO- ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO- FORM TOTAL (UG/L) (32104)	CARBON DI- SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA- CHLO- RIDE TOTAL (UG/L) (32102)	CHLORO- BENZENE TOTAL (UG/L) (34301)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L) (32105)	CHLORO- ETHANE TOTAL (UG/L) (34311)
MAY 15...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1

Date	CHLORO- FORM TOTAL (UG/L) (32106)	CIS-1,2 -DI- CHLORO- ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO- PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI- BROMO- METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO- DI- CHLORO- METHANE TOTAL (UG/L) (32101)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L) (34668)	DI-ISO- PROPYL- ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112- TETRA- CHLORO- WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA- CHLORO- WAT UNF REC (UG/L) (34516)	ETHANE HEXA- CHLORO - WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT- BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)
MAY 15...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05

Date	ETHER TERT- PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL- BENZENE TOTAL (UG/L) (34371)	FREON- 113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA- HYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	ISO- DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC- RYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC- RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH- ACRYLO- NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO- WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY- LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT- BUTYL ETHER WAT UNF REC (UG/L) (78032)
MAY 15...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2

Date	METHYL- BROMIDE TOTAL (UG/L) (34413)	METHYL- CHLO- RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO- RIDE TOTAL (UG/L) (34423)	METHYL- ETHYL- KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO- BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA- XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH- ALENE TOTAL (UG/L) (34696)	O- CHLORO- TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O- XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO- PROPYL- TOLUENE WATER WHOLE REC (UG/L) (77356)	1234- TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI- CHLORO- PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3- CHLORO- WATER UNFLTRD RECOVER (UG/L) (78109)
MAY 15...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07

Date	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAY 15...	<.04	<.03	<.06	<.05	E.02	<.09	<.04	<.09	<.1	<.01	E.01	15.00	4040

Date	SAMPLING CONDITION (72006)
MAY 15...	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

313122083325101 Site Name.—17L026

LOCATION.—Lat 31°31’22”, long 83°32’51”, Tift county.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)
MAR 26...	0900	1028	80020	2.83	65	750	7.3	81	4.3	154	19.5	49	50

Date	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)
MAR 26...	8.38	6.91	1.63	.2	2.91	11	1	.03	17.7	.1	6.24	1.4	85

Date	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)
MAR 26...	93	<.04	E.07	10.3	<.008	<.02	.6	546	<.05	<.2	310	1.96	8

Date	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)
MAR 26...	.12	1.0	6.65	1.4	E6	1.81	3.0	14.7	<.2	4.58	<.3	<1	79.5

Date	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLOROANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)
MAR 26...	.08	<.2	7	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005

Date	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)
MAR 26...	<.005	<.006	--m	<.006	<.103	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005

Date	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAR 26...	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02

Date	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
MAR 26...	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003

Date	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
MAR 26...	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02

Date	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)
MAR 26...	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03

Date	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)
MAR 26...	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02

Date	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)
MAR 26...	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	E.006n	<.09	<.01	<.005

Date	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
MAR 26...	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01

Date	NICOSUL-FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
MAR 26...	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006

Date	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAR 26...	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02

Date	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)
MAR 26...	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01

Date	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)
MAR 26...	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)
MAR 26...	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03

Date	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)
MAR 26...	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05

Date	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)
MAR 26...	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03

Date	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)
MAR 26...	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2

Date	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)
MAR 26...	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0

Date	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)
MAR 26...	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2

Date	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
MAR													
26...	<.1	<.07	<.04	<.03	<.06	<.05	E.05b	<.09	<.04	<.09	<.1	<.01	.27

Date	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR			
26...	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

Surficial Aquifer
2002 Water Year

313238083331901 Site Name.—17L027.

LOCATION.—Lat 31°32’38”, long 83°33’19”, Tift County.

313238083331901 -- 17L027

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)
APR 18...	0900	1028	80020	2.73	10	73	758	6.0	66	4.8	106	19.1	25

Date	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
APR 18...	27	6.40	2.68	1.51	.5	5.82	30	2	2	E.03n	6.27	E.1n	59.6

Date	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
APR 18...	5.7	127	123	<.04	E.05	7.46	<.008	<.02	.4	58	<.05	<.2	226

Date	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)
APR 18...	.66	17	.09	E.5	2.87	131	E8	.18	22.3	31.9	<.2	8.75	.6

Date	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
APR 18...	<1	48.3	<.04	.3	16	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
APR 18...	<.1	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004

Date	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)
APR 18...	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005

Date	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)
APR 18...	<.03	<.02	.018	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009

Date	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)
APR 18...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02

Date	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
APR 18...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005

Date	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)
APR 18...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
APR 18...	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)
APR 18...	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008

Date	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 18...	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004

Date	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)
APR 18...	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010

Date	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
APR 18...	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
APR 18...	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)
APR 18...	--u	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04

Date	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)
APR 18...	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04

Date	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)
APR 18...	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	E.09

Date	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)
APR 18...	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03

Date	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)
APR 18...	<.09	<.2	<.2	<.05	<.08	<.03	<.06	E2	<.1	<.2	<.2	<.3	<.6

Date	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)
APR 18...	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07

Date	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)
APR 18...	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.07	<.09	<.04	<.09	<.1

Date	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR 18...	<.01	.02	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   b -- Value was extrapolated below
   n -- Below the NDV

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

313144083335501 Site Name.—17L028

LOCATION.—Lat 31°31'44.4", long 83°33'54.8" NAD83, Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
APR 25...	0930	1028	80020	7.60	55	.8	757	7.6	86	4.0	136	21.0	39

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
APR 25...	5.54	6.04	.21	.3	4.07	19	.03	8.27	.2	5.06	.2	72	<.04

Date	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)
APR 25...	<.10	11.3	<.008	<.02	E.3n	635	.06	E.1	60	.37	10	E.02	<.8

Date	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)
APR 25...	3.13	6.6	19	1.00	1.0	6.3	<.2	2.15	1.0	<1	67.0	<.04	.3

Date	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
APR 25...	8	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005	<.006

Date	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)
APR 25...	<.03	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01	<.007

Date	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
APR 25...	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02	<.010	<.03

Date	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)
APR 25...	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006	<.01

Date	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)
APR 25...	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	E.01	<.02

Date	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)
APR 25...	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03	<.008

Date	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)
APR 25...	<.02	<.03	<.004	<.01	<.03	<.002	<.003	.022	<.008	--u	<.02	<.02	<.007

Date	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)
APR 25...	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02	<.006

Date	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
APR 25...	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01	<.01	<.02

Date	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
APR 25...	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10	<.011

Date	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
APR 25...	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004	<.010

Date	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)
APR 25...	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	.07	<.02	<.01	<.008	<.3

Date	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
APR 25...	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02	<.009

Date	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L) (34506)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L) (34511)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L) (34496)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO- PRO- PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO- PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2- DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L) (32103)	1,2-DI- CHLORO - PROPANE TOTAL (UG/L) (34541)	TRANS- 1,2-DI- CHLORO- ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO- PRO- PANE WAT, WH TOTAL (UG/L) (77170)
APR 25...	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05

Date	2BUTENE TRANS-1 4-DI- CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA- NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO- NITRILE TOTAL (UG/L) (34215)	1,2,3- TRI- CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4- TRI- CHLORO- WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI- CHLORO - WATER UNFLTRD REC (UG/L) (34571)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)
APR 25...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2

Date	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO- BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO- ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO- FORM TOTAL (UG/L) (32104)	CARBON DI- SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA- CHLO- RIDE TOTAL (UG/L) (32102)	CHLORO - BENZENE TOTAL (UG/L) (34301)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L) (32105)	CHLORO- ETHANE TOTAL (UG/L) (34311)
APR 25...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1

Date	CHLORO- FORM TOTAL (UG/L) (32106)	CIS-1,2 -DI- CHLORO- ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO- PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI- BROMO- METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO- DI- CHLORO- METHANE TOTAL (UG/L) (32101)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L) (34668)	DI-ISO- PROPYL- ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112- TETRA- CHLORO- WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA- CHLORO- WAT UNF REC (UG/L) (34516)	ETHANE HEXA- CHLORO - WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT- BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)
APR 25...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05

Date	ETHER TERT- PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL- BENZENE TOTAL (UG/L) (34371)	FREON- 113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA- HYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA- CHLORO - BUT- ADIENE TOTAL (UG/L) (39702)	ISO- DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC- RYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC- RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH- ACRYLO- NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO- WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY- LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT- BUTYL ETHER WAT UNF REC (UG/L) (78032)
APR 25...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2

Date	METHYL- BROMIDE TOTAL (UG/L) (34413)	METHYL- CHLO- RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO- RIDE TOTAL (UG/L) (34423)	METHYL- ETHYL- KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO- BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA- XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH- ALENE TOTAL (UG/L) (34696)	O- CHLORO- TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O- XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO- PROPYL- TOLUENE WATER WHOLE REC (UG/L) (77356)	1234- TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI- CHLORO- PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3- CHLORO- WATER UNFLTRD RECOVER (UG/L) (78109)
APR 25...	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07

Date	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
APR 25...	<.04	<.03	<.06	<.05	E.03	<.09	<.04	<.09	<.1	<.01	.10	15.00	4040

Date	SAM-PLING CONDI-TION (72006)
APR 25...	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

313116083342601 Site Name.—17L029

LOCATION.—Lat 31°31’15.5”, long 83°34’25.7”, NAD83, Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)
APR 17...	1140	1028	80020	4.86	60	2.2	758	7.2	84	4.5	152	22.8	39

Date	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
APR 17...	40	8.91	4.22	.76	.7	10.6	36	0	.03	7.22	.2	9.93	.3

Date	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
APR 17...	111	108	<.04	<.10	14.8	<.008	<.02	E.3n	373	E.03	<.2	90	.76

Date	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)
APR 17...	E6	.10	<.8	5.11	4.2	<10	.25	2.0	23.3	<.2	4.55	<.3	<1

Date	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)
APR 17...	30.6	E.04	<.2	15	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
APR 17...	<.005	<.005	<.006	--m	<.006	<.007	<.004	E.04	<.008	<.04	<.005	<.004	<.004

Date	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
APR 17...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03

Date	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
APR 17...	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)
APR 17...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002

Date	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
APR 17...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008

Date	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)
APR 17...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u

Date	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
APR 17...	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01

Date	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
APR 17...	.051	.05	<.006	<.008	<.004	<.050	<.006	.128	<.006	<.03	<.002	<.008	<.007

Date	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL-FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
APR 17...	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
APR 17...	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)
APR 17...	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02

Date	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
APR 17...	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
APR 17...	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1

Date	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
APR 17...	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03

Date	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 17...	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	E.01	<.06

Date	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
APR 17...	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09

Date	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)
APR 17...	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07

Date	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)
APR 17...	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07

Date	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
APR													
17...	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.04	<.09	<.04	<.09	<.1	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR				
17...	.24	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   b -- Value was extrapolated below
   n -- Below the NDV

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

312703083263601 Site Name.--18K051.

LOCATION.—Lat 31°27'03", long 83°26'36", Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
FEB 27...	1000	1028	80020	21.87	30	325	15	758	8.2	85	5.1	21	16.3

Date	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
FEB 27...	1	.27	.186	.42	.7	1.90	68	<.03	1.75	<.1	71.6	1.8	85

Date	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)
FEB 27...	<.04	E.06	.17	<.008	<.02	.5	19	.18	<.2	7	E.05	E5	<.04

Date	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)
FEB 27...	<.8	.11	.5	11	.10	2.7	.8	E.1	.74	E.2	<1	2.33	<.04

Date	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)
FEB 27...	.5	2	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005

312703083263601 Site Name.--18K051.

Date	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)
FEB 27...	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01

Date	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)
FEB 27...	<.007	<.02	<.03	<.010	<.004	<.02	E.01m	<.003	--u	<.005	<.03	<.02	<.010

Date	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)
FEB 27...	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006

Date	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
FEB 27...	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01

Date	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)
FEB 27...	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03

Date	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)
FEB 27...	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02	E.02m

Date	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)
FEB 27...	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02

Date	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)
FEB 27...	<.006	<.008	<.004	<.050	<.006	.022	<.006	<.03	<.002	<.008	<.007	<.01	<.01

Date	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)
FEB 27...	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10

Date	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)
FEB 27...	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004

Date	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)
FEB 27...	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008

Date	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
FEB 27...	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02

312703083263601 Site Name.--18K051.

Date	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
FEB 27...	<.009	<.02	<.05	<.01	<.02	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   b -- Value was extrapolated below
   m -- Highly var comp using method, ? prec

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   r -- Sample ruined in preparation
   u -- Unable to determine-matrix interference

312758083232401 Site Name.—18K052.

LOCATION.—Lat 31°27’58”, long 83°23’24”, Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
APR 24...	1430	1028	80020	35.16	70	325	45	740	760	7.0	82	5.6	23

Date	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
APR 24...	23.6	3	.79	.357	.63	.6	2.67	58	7	<.03	1.76	.1	81.9

Date	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)
APR 24...	.7	92	94	<.04	<.10	.07	<.008	.16	.6	3	.06	.2	13

Date	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)
APR 24...	.66	8	<.04	3.8	.08	<.2	<10	<.08	4.2	.6	<.2	.34	<.3

Date	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
APR 24...	<1	4.43	E.02	1.7	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
APR 24...	--u	<.005	<.005	<.006	<.03	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004

Date	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)
APR 24...	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005

Date	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)
APR 24...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009

Date	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)
APR 24...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02

Date	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
APR 24...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005

Date	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)
APR 24...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
APR 24...	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)
APR 24...	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008

Date	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 24...	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004

Date	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)
APR 24...	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010

Date	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
APR 24...	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
APR 24...	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)
APR 24...	--u	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04

Date	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)
APR 24...	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04

Date	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)
APR 24...	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07

Date	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)
APR 24...	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03

Date	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)
APR 24...	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6

Date	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)
APR 24...	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07

312758083232401 Site Name.—18K052.

Date	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)
APR 24...	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04	<.09	<.1

Date	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR 24...	<.01	.04	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   b -- Value was extrapolated below
   m -- Highly var comp using method, ? prec

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   r -- Sample ruined in preparation
   u -- Unable to determine-matrix interference

313630083385001 Site Name.—16L022

LOCATION.—Lat 31°36'30", long 83°38'50", Turner county.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
APR 11...	1030	1028	80020	11.30	50	160	759	6.1	71	5.0	24	22.9	4

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 11...	1.09	.277	.31	.5	2.05	51	6	8	.01	1.70	.1	79.2	3.2

Date	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
APR 11...	88	92	<.04	<.10	.12	<.008	<.02	.4	14	.06	<.2	15	.17

Date	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
APR 11...	7	.01	3.1	1.74	.5	12	.05	13.3	.6	.3	1.46	<.3	<1

Date	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)
APR 11...	5.46	.06	.9	1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
APR 11...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004

Date	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
APR 11...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03

Date	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
APR 11...	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)
APR 11...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002

Date	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
APR 11...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008

Date	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)
APR 11...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u

Date	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
APR													
11...	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01

Date	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
APR													
11...	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007

Date	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
APR													
11...	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
APR													
11...	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)
APR													
11...	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02

Date	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
APR													
11...	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
APR 11...	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1

Date	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
APR 11...	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03

Date	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 11...	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06

Date	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
APR 11...	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09

Date	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)
APR 11...	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07

Date	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)
APR 11...	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07

Date	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
APR													
11...	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.02	<.09	<.04	<.09	<.1	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR				
11...	.03	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   n -- Below the NDV
   v -- Analyte detected in laboratory blank

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

313950083425401 Site Name.—16M015

LOCATION.—Lat 31°39'50", long 83°42'54", Turner county.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
APR 10...	1050	1028	80020	9.16	40	6.0	756	6.0	65	4.3	75	18.4	11

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
APR 10...	.90	2.18	.28	.7	5.57	51	E.02n	3.55	E.1n	6.56	.2	43	<.04

Date	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)
APR 10...	<.10	6.24	<.008	<.02	.3	304	E.04	<.2	22	.18	E5	E.02	E.5

Date	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)
APR 10...	.84	1.7	E9	2.41	.9	.6	<.2	1.15	E.2	<1	12.2	<.04	.3

Date	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
APR 10...	3	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005	<.006

Date	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)
APR 10...	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01	<.007

Date	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
APR 10...	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02	<.010	<.03

Date	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)
APR 10...	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006	<.01

Date	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)
APR 10...	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01	<.02

Date	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)
APR 10...	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03	<.008

Date	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)
APR 10...	<.02	<.03	<.004	<.01	E.01	<.002	<.003	<.013	<.008	--u	<.02	<.02	<.007

Date	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)
APR 10...	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02	<.006

Date	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)
APR 10...	<.008	<.004	<.050	<.006	.114	<.006	<.03	<.002	<.008	<.007	<.01	<.01	E.01

Date	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)
APR 10...	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10	<.011

Date	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
APR 10...	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004	<.010

Date	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)
APR 10...	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008	<.3

Date	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
APR 10...	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02	<.009

Date	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L) (34506)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L) (34511)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L) (34496)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO- PRO- PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO- PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2- DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L) (32103)	1,2-DI- CHLORO - PROPANE TOTAL (UG/L) (34541)	TRANS- 1,2-DI- CHLORO- ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO- PRO- PANE WAT, WH TOTAL (UG/L) (77170)
APR 10...	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05

Date	2BUTENE TRANS-1 4-DI- CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA- NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO- NITRILE TOTAL (UG/L) (34215)	1,2,3- TRI- CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL- WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4- TRI- CHLORO- WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI- CHLORO - WATER UNFLTRD REC (UG/L) (34571)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)
APR 10...	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2

Date	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO- BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO- ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO- FORM TOTAL (UG/L) (32104)	CARBON DI- SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA- CHLO- RIDE TOTAL (UG/L) (32102)	CHLORO - BENZENE TOTAL (UG/L) (34301)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L) (32105)	CHLORO- ETHANE TOTAL (UG/L) (34311)
APR 10...	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1

Date	CHLORO- FORM TOTAL (UG/L) (32106)	CIS-1,2 -DI- CHLORO- ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO- PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI- BROMO- METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO- DI- CHLORO- METHANE TOTAL (UG/L) (32101)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L) (34668)	DI-ISO- PROPYL- ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112- TETRA- CHLORO- WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA- CHLORO- WAT UNF REC (UG/L) (34516)	ETHANE HEXA- CHLORO - WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT- BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)
APR 10...	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05

Date	ETHER TERT- PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL- BENZENE TOTAL (UG/L) (34371)	FREON- 113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA- HYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA- CHLORO - BUT- ADIENE TOTAL (UG/L) (39702)	ISO- DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC- RYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC- RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH- ACRYLO- NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO- WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY- LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT- BUTYL ETHER WAT UNF REC (UG/L) (78032)
APR 10...	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2

Date	METHYL- BROMIDE TOTAL (UG/L) (34413)	METHYL- CHLO- RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO- RIDE TOTAL (UG/L) (34423)	METHYL- ETHYL- KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO- BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA- XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH- ALENE TOTAL (UG/L) (34696)	O- CHLORO- TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O- XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO- PROPYL- TOLUENE WATER WHOLE REC (UG/L) (77356)	1234- TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI- CHLORO- PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3- CHLORO- WATER UNFLTRD RECOVER (UG/L) (78109)
APR 10...	<.3	<.2	<.2	<5.0	<.4	E.03	<.5	<.03	<.07	<.07	<.2	<.1	<.07

Date	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
APR 10...	<.04	<.03	<.06	<.05	.10	<.09	<.04	<.09	<.1	<.01	.18	15.00	4040

Date	SAM-PLING CONDI-TION (72006)
APR 10...	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   b -- Value was extrapolated below
   n -- Below the NDV

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

314123083391301 Site Name.--16M016

LOCATION.—Lat 31°41’23”, long 83°39’13”, Turner county.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)
MAR 27...	1245	1028	80020	12.67	75	3.4	751	7.8	86	4.4	134	19.1	43

Date	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
MAR 27...	43	8.18	5.50	1.41	.1	1.84	8	0	E.03n	15.0	E.1n	3.50	.7

Date	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
MAR 27...	77	74	<.04	E.06	8.41	<.008	<.02	.4	305	E.03	<.2	123	.13

Date	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)
MAR 27...	10	E.02	<.8	1.02	.8	E7	1.35	.6	13.6	<.2	.96	E.2	<1

Date	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)
MAR 27...	55.3	E.04	<.2	2	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
MAR 27...	<.005	<.005	<.006	--m	<.006	<.059	<.004	<.02	<.008	<.04	<.005	<.004	<.004

Date	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
MAR 27...	<.005	<.01	.022	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03

Date	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
MAR 27...	<.02	.020	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	--u

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)
MAR 27...	<.003	E.014	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002

Date	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
MAR 27...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008

Date	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)
MAR 27...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	E.014	--u

Date	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
MAR													
27...	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01

Date	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
MAR													
27...	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007

Date	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
MAR													
27...	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
MAR													
27...	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)
MAR													
27...	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02

Date	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
MAR													
27...	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
MAR 27...	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1

Date	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
MAR 27...	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03

Date	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAR 27...	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06

Date	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
MAR 27...	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09

Date	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)
MAR 27...	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07

Date	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)
MAR 27...	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07

Date	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
MAR													
27...	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.05	<.09	<.04	<.09	<.1	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR				
27...	.12	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   b -- Value was extrapolated below
   n -- Below the NDV

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

313822083311901 Site Name.—17M010.

LOCATION.—Lat 31°38'20", long 83°31'20", Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
MAR 06...	1220	1028	80020	19.15	28	762	6.7	73	4.7	87	19.2	26	5.85

Date	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAR 06...	2.70	1.45	.4	4.76	27	<.03	7.89	E.1n	26.7	.1	462	<.04	E.06

Date	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
MAR 06...	7.63	<.008	<.02	1.8	115	.24	<.2	108	.90	9	E.03	1.2	5.12

Date	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
MAR 06...	2.0	36	.36	13.3	10.2	E.1	11.7	<.3	<1	26.4	.07	.4	14

Date	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)
MAR 06...	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005	<.006	--m

Date	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)
MAR 06...	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005	<.01	<.007	<.02

Date	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)
MAR 06...	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02	E.005n	<.03	<.006

Date	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)
MAR 06...	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006	<.01	<.04

Date	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)
MAR 06...	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01	<.02	<.005

Date	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)
MAR 06...	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03	<.008	<.02

Date	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)
MAR 06...	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02	E.01m	<.007	<1

Date	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
MAR													
06...	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02	<.006	<.008

Date	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)
MAR													
06...	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01	<.01	<.02	<.008

Date	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)
MAR													
06...	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10	<.011	<.06

Date	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)
MAR													
06...	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004	<.010	<.02

Date	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)
MAR													
06...	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008	<.3	<.010

Date	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)
MAR													
06...	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02	<.009	<.02

Date	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)
MAR 06...	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03	<.05	<.7

Date	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAR 06...	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06	<.2	<.04

Date	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)
MAR 06...	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2	<.1	<.02

Date	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)
MAR 06...	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2	<.05	<.08

Date	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAR 06...	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25	<.2	<.3

Date	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)
MAR 06...	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1	<.07	<.04

Date	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR													
06...	<.03	<.06	<.05	E.04	<.09	<.04	<.09	<.1	<.01	.09	15.00	4040	

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

314115083351301 Site Name.—17M011

LOCATION.—Lat 31°41’15.3”, long 83°,35’13.4” NAD83, Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
APR 10...	1420	1028	80020	4.16	50	14	756	7.2	79	5.2	39	19.9	2

Date	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
APR 10...	6	1.22	.803	.18	.8	4.57	60	5	6	E.03n	4.08	E.1n	9.44

Date	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
APR 10...	.8	35	32	<.04	<.10	1.69	<.008	<.02	.4	17	E.03	<.2	17

Date	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)
APR 10...	E.05	10	<.04	<.8	.81	.3	<10	.17	.7	19.2	<.2	1.25	<.3

Date	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
APR 10...	<1	11.5	<.04	.8	8	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROPYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
APR 10...	--u	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004

Date	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)
APR 10...	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005

Date	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)
APR 10...	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009

Date	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)
APR 10...	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02

Date	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
APR 10...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005

Date	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)
APR 10...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
APR 10...	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)
APR 10...	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008

Date	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 10...	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004

Date	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)
APR 10...	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010

Date	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
APR 10...	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
APR 10...	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)
APR 10...	--u	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04

Date	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)
APR 10...	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04

Date	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)
APR 10...	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	E.01

Date	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)
APR 10...	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03

Date	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)
APR 10...	<.09	<.2	<.2	<.05	<.08	<.03	<.06	E2	<.1	<.2	<.2	<.3	<.6

Date	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)
APR 10...	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07

Date	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)
APR 10...	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.04	<.09	<.04	<.09	<.1

Date	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR 10...	<.01	E.01	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   m -- Highly var comp using method, ? prec
   n -- Below the NDV

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

314847083360301 Site Name.--17N002.

LOCATION.—Lat 31°48'45", long 83°36'05", Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
MAR 07...	1015	1028	80020	11.87	70	758	6.8	76	4.8	58	21.0	20.7	7

Date	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
MAR 07...	8	2.07	.708	.37	.8	5.10	56	0	<.03	4.51	<.1	33.5	.6

Date	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
MAR 07...	64	65	<.04	<.10	3.91	<.008	<.02	E.2n	20	.05	<.2	22	.16

Date	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
MAR 07...	8	E.03	<.8	.37	.8	<10	.27	5.7	1.5	.5	.53	<.3	<1

Date	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)
MAR 07...	10.6	.06	.3	2	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
MAR 07...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004

Date	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
MAR 07...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03

Date	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
MAR 07...	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)
MAR 07...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002

Date	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
MAR 07...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008

Date	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)
MAR 07...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u

Date	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)	IMAZETHAPYR WATER FLTRD REC (UG/L) (50407)	IMIDACLOPRID WATER FLTRD REC (UG/L) (61695)	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDACYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MALATHION, DISSOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
MAR 07...	<.02	<.02	<.007	<1	<.009	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01

Date	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
MAR 07...	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007

Date	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
MAR 07...	<.01	<.01	<.02	<.008	E.02n	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022

Date	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
MAR 07...	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011

Date	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETRURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLUTHRIN METABOLITE R119364 FLT REC (UG/L) (61671)
MAR 07...	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02

Date	TEFLUTHRIN METABOLITE R152912 FLT REC (UG/L) (61672)	TEFLUTHRIN WATER FLTRD REC (UG/L) (61606)	TEMEPHOS WATER FLTRD REC (UG/L) (61607)	TERBACIL, WATER, DISS, REC (UG/L) (04032)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUFOS O-ANALOGUE WAT FLT REC (UG/L) (61674)	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANSCARBOXYATE WATER FLTRD REC (UG/L) (79843)	TRANSPROPICONAZOLE WAT FLT REC (UG/L) (79847)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)
MAR 07...	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
MAR 07...	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1

Date	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
MAR 07...	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03

Date	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAR 07...	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06

Date	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
MAR 07...	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09

Date	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)
MAR 07...	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07

Date	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)
MAR 07...	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07

Date	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
MAR													
07...	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.05	<.09	<.04	<.09	<.1	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR				
07...	.03	15.00	4040	.10

Remark codes used in this report:
   < -- Less than
   E -- Estimated value

Value qualifier codes used in this report:
   m -- Highly var comp using method, ? prec
   n -- Below the NDV

Null value qualifier codes used in this report:
   m -- Results sent by separate memo
   u -- Unable to determine-matrix interference

Surficial Aquifer
2002 Water Year

315059083350901 Site Name.--17N003.

LOCATION. ¾ Lat 31°50’59”, long 83°35’09”, Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
MAR 07...	1220	1028	80020	17.97	55	14	758	8.9	102	4.3	181	24.0	21.8

Date	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAR 07...	48	10.7	5.12	3.05	.1	2.23	9	.03	13.4	E.1n	4.01	3.5	86

Date	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)
MAR 07...	<.04	<.10	13.6	<.008	<.02	E.3n	621	E.03	<.2	112	.10	8	E.02

Date	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)
MAR 07...	<.8	.89	.8	<10	3.20	.7	7.6	.2	.60	E.2	<1	72.9	.07

Date	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)
MAR 07...	<.2	1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005	<.005

Date	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)
MAR 07...	<.006	--m	<.006	<.007	<.004	E.01m	E.008m	<.04	<.005	<.004	<.004	<.005	<.01

Date	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)
MAR 07...	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02	<.010

Date	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)
MAR 07...	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003	<.006

Date	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
MAR 07...	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02	<.01

Date	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)
MAR 07...	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03	<.03

Date	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)	IMAZ- AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE- THAPYR WATER FLTRD REC (UG/L) (50407)
MAR 07...	<.008	<.02	<.03	<.004	<.01	E.01n	<.002	<.003	<.013	<.008	--u	<.02	<.02

Date	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)
MAR 07...	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005	<.02

Date	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)
MAR 07...	<.006	<.008	<.004	<.050	<.006	.033	<.006	<.03	<.002	<.008	<.007	<.01	<.01

Date	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)
MAR 07...	E.08m	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006	<.10

Date	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)
MAR 07...	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02	<.004

Date	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)
MAR 07...	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01	<.008

Date	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)
MAR 07...	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004	<.02

Date	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)
MAR 07...	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1	<.03	<.03

Date	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)
MAR 07...	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03	<.05	<.06

Date	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)
MAR 07...	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06	<.03	<.2

Date	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)
MAR 07...	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09	<.2	<.2

Date	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)
MAR 07...	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07	<2.0	<.25

Date	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)
MAR 07...	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07	<.2	<.1

Date	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRACHLOROETHYLENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L) (34699)	TRICHLOROETHYLENE TOTAL (UG/L) (39180)	TRICHLOROFLUOROMETHANE TOTAL (UG/L) (34488)	VINYL CHLORIDE TOTAL (UG/L) (39175)	DICHLORVOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)
MAR 07...	<.07	<.04	<.03	<.06	<.05	E.05	<.09	<.04	<.09	<.1	<.01	.35	15.00

Date	SAMPLER TYPE (CODE) (84164)	SAMPLING CONDITION (72006)
MAR 07...	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

314421083281601 Site Name.--18M003.

LOCATION.—Lat 31°44’20”, long 83°28’15”, Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
MAR 20...	1320	1028	80020	1.76	20	312	45	1.0	755	8.1	86	4.3	168

Date	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
MAR 20...	17.9	50	50	11.7	5.06	2.86	.1	2.06	8	0	<.03	13.2	.1

Date	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)
MAR 20...	7.58	5.6	108	99	<.04	E.07	11.3	<.008	<.02	.7	638	E.03	<.2

Date	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)
MAR 20...	203	.57	11	.05	<.8	3.17	1.5	E6	1.92	2.3	59.8	<.2	3.67

Date	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)
MAR 20...	E.2	<1	67.9	E.04	<.2	9	<.05	<.09	<.01	<.009	<.02	<.02	<.03

Date	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXYCARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLOROBENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DISSOLVED (UG/L) (34253)
MAR 20...	<.006	--u	<.005	<.005	<.006	--m	<.006	<.104	<.004	<.02	<.008	<.04	<.005

Date	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DICHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DICHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRIFLUOROMETHYL WAT FLT REC (UG/L) (61630)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	AZINPHOSMETHYLOXON WAT FLT REC (UG/L) (61635)	BENDIOCARB, WATER FLTRD REC (UG/L) (50299)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BENSULFURON METHYL WAT FLT REC (UG/L) (61693)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZOPHENONE 4,4-DICHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHENOXY WAT FLT REC (UG/L) (61629)
MAR 20...	<.004	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u

Date	BIFENTHRIN WATER FLTRD REC (UG/L) (61580)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAFFEINE, WATER FLTRD REC (UG/L) (50305)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORAMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORIMURON, WATER FLTRD REC (UG/L) (50306)	CHLORPYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOXYATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPICONAZOLE WAT FLT REC (UG/L) (79846)	CYCLOATE, WATER, DISS, REC (UG/L) (04031)	CYFLUTHRIN WATER FLTRD REC (UG/L) (61585)
MAR 20...	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008

Date	CYPERMETHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISOPROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISOPROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DIAZINON, DISSOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIELDRIN DISSOLVED (UG/L) (39381)	DIMETHOATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHENAMID, WATER, DISS, REC (UG/L) (04033)
MAR 20...	<.009	<.01	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03

Date	DISULFOTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULFOTON SULFOXIDE WAT FLT REC (UG/L) (61641)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DIMETHOMORPH WATER FLTRD REC (UG/L) (79844)	ENDOSULFAN ALPHA DISSOLV (UG/L) (34362)	ENDOSULFAN BETA DISSOLV (UG/L) (34357)	ENDOSULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDOSULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)
MAR 20...	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03

Date	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMIPHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMIPHOS SULFOXIDE WAT FLT REC (UG/L) (61646)	FENAMIPHOS WATER FLTRD REC (UG/L) (61591)	FENTHION SULFOXIDE WAT FLT REC (UG/L) (61647)	FENTHION WATER FLTRD (UG/L) (38801)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUMETRALIN WATER FLTRD REC (UG/L) (61592)	FLUMETSULAM WATER FLTRD REC (UG/L) (61694)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXAZINONE, WATER, DISS, REC (UG/L) (04025)
MAR 20...	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013

Date	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)
MAR 20...	<.008	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027

Date	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
MAR 20...	<.08	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	E.003n	<.006	<.03	<.002

Date	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)
MAR 20...	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010

Date	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
MAR 20...	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004

Date	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)
MAR 20...	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006

Date	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)
MAR 20...	<.02	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01

Date	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBUPHOS WATER FLTRD REC (UG/L) (61610)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOROPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DIMETHOMORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRICHLOROETHANE TOTAL (UG/L) (34506)	1,1,2-TRICHLOROETHANE TOTAL (UG/L) (34511)	1,1-DICHLOROETHANE TOTAL (UG/L) (34496)	1,1-DICHLOROETHYLENE TOTAL (UG/L) (34501)	1,1-DICHLOROPROPENE, WAT, WH TOTAL (UG/L) (77168)	123-TRICHLOROPROPANE WATER WHOLE TOTAL (UG/L) (77443)
MAR													
20...	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16

Date	1,2-DIBROMOETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DICHLOROETHANE TOTAL (UG/L) (32103)	1,2-DICHLOROPROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DICHLOROETHENE TOTAL (UG/L) (34546)	2,2-DICHLOROPROPANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DICHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXANONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLONITRILE TOTAL (UG/L) (34215)	1,2,3-TRICHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRIMETHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRICHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRIMETHYL UNFILT RECOVER (UG/L) (77222)
MAR													
20...	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06

Date	BENZENE 135-TRIMETHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DICHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DICHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISOPROPYLBENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DICHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMOBENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMOETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMOFORM TOTAL (UG/L) (32104)
MAR													
20...	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06

Date	CARBON DISULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRACHLORIDE TOTAL (UG/L) (32102)	CHLOROBENZENE TOTAL (UG/L) (34301)	CHLORODIBROMOMETHANE TOTAL (UG/L) (32105)	CHLOROETHANE TOTAL (UG/L) (34311)	CHLOROFORM TOTAL (UG/L) (32106)	CIS-1,2-DICHLOROETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DICHLOROPROPENE TOTAL (UG/L) (34704)	DIBROMOCHLOROPROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DIBROMOMETHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMODICHLOROMETHANE TOTAL (UG/L) (32101)	DICHLORODIFLUOROMETHANE TOTAL (UG/L) (34668)	DI-ISOPROPYLETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAR													
20...	<.07	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10

Date	ETHANE, 1112-TETRACHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRACHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXACHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYLBENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRAHYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXACHLOROBUTADIENE TOTAL (UG/L) (39702)	ISODURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHACRYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHACRYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)
MAR													
20...	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3

Date	METHACRYLONITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMOCHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRYLATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYLBROMIDE TOTAL (UG/L) (34413)	METHYLCHLORIDE TOTAL (UG/L) (34418)	METHYLENE CHLORIDE TOTAL (UG/L) (34423)	METHYLETHYLKETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISOBUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTHALENE TOTAL (UG/L) (34696)	O-CHLOROTOLUENE WATER WHOLE TOTAL (UG/L) (77275)
MAR													
20...	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03

Date	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISOPROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DICHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRACHLORO-ETHYLENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DICHLORO-PROPENE TOTAL (UG/L) (34699)	TRICHLORO-ETHYLENE TOTAL (UG/L) (39180)	TRICHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)
MAR													
20...	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.04bn	<.09	<.04	<.09

Date	VINYL CHLORIDE TOTAL (UG/L) (39175)	DICHLOROVOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAMPLING CONDITION (72006)
MAR						
20...	<.1	<.01	.19	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

315747083312901 Site Name.--17P005.

LOCATION.—Lat 31°57’45”, long 83°31’30”, Wilcox County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
MAR 26...	1400	1028	80020	22.72	45	403	60	150	750	7.2	82	5.2	19

Date	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
MAR 26...	21.0	0	3	.69	.219	1.15	.4	1.58	46	2	<.03	1.86	<.1

Date	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)
MAR 26...	13.7	.6	<10	24	<.04	<.10	.64	<.008	<.02	.6	5	E.04	<.2

Date	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)
MAR 26...	18	.11	12	<.04	E.4	.27	.6	E6	.12	2.3	.6	E.1	.66

Date	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)
MAR 26...	<.3	<1	3.87	.04	<.2	1	<.05	<.09	<.01	--r	--r	--r	<.03

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)
MAR 26...	--u	<.005	<.005	--r	--m	--r	--r	--r	--r	<.004	<.004	<.005	<.01

Date	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
MAR 26...	--r	<.02	--r	--r	--r	--r	<.003	--u	<.005	--r	--r	--r	--r

Date	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)
MAR 26...	--r	--r	--r	<.06	<.04	<.008	<.005	<.008	<.009	--r	--r	--r	--r

Date	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)
MAR 26...	--r	--r	<.006	--r	--r	<.02	<.002	--r	<.02	<.005	<.01	<.004	<.006

Date	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)
MAR 26...	<.004	<.03	<.008	<.03	<.03	<.008	<.02	--r	<.004	--r	--r	<.002	<.013

Date	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)
MAR 26...	--r	--u	--r	--r	--r	<1	<.003	<.009	--r	<.008	--r	--r	<.005

Date	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)
MAR 26...	--r	<.006	--r	--r	--r	<.008	--r	--r	--r	<.008	--r	--r	<.007

Date	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
MAR 26...	<.008	<.03	<.10	<.06	<.008	<.005	--r	<.006	<.005	<.004	--r	--r	--r

Date	SIDURON WATER FLTRD REC (UG/L) (38548)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)
MAR 26...	--r	--r	<.003	<.02	<.006	--r	<.02	<.01	<.008	<.3	--r	<.07	<.01

Date	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
MAR 26...	<.03	<.01	--r	<.004	--r	--r	<.05	<.03	<.06	<.04	<.04	<.05	<.16

Date	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)
MAR 26...	<.04	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06

Date	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)
MAR 26...	<.04	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06

Date	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAR 26...	<.07	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10

Date	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)
MAR 26...	<.03	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3

Date	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)
MAR 26...	<.6	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03

Date	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)
MAR 26...	<.07	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.06b	<.09	<.04	<.09

Date	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
MAR 26...	<.1	<.01	.03	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
b -- Value was extrapolated below
m -- Highly var comp using method, ? prec

Null value qualifier codes used in this report:
m -- Results sent by separate memo
r -- Sample ruined in preparation
u -- Unable to determine-matrix interference

315009083571001 Site Name. —14N008

LOCATION.—Lat 31°50’12”, long 83°57’13”, Worth County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	SAMPLING DEPTH (FEET) (00003)	SAMPLING METHOD, CODES (82398)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)
MAR 2002 18...	1600	1028	80020	7.30	90	19.0	4040	18	764	7.4	83	7.5	212

Date	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
MAR 2002 18...	21.3	54	91	33.4	1.80	.84	.1	1.67	4	37	45	.03	8.34

Date	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
MAR 2002 18...	<.1	8.99	2.5	152	132	<.04	<.10	11.6	<.008	<.02	E.2n	<1	.11

Date	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)
MAR 2002 18...	<.2	32	E.05	10	E.02	E.5	.07	.3	<10	E.06	.5	.2	E.2

Date	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
MAR 2002 18...	.17	.3	<1	42.2	<.04	<.2	<1	<.05	<.09	<.01	<.009	<.02	<.02

Date	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROPPYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO-2,6-DIETHYL ACETANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
MAR 2002 18...	<.03	<.006	--u	<.005	<.005	<.006	--	<.006	<.200	<.004	E.03m	E.101m	<.04

Date	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)
MAR 2002 18...	<.005	<.004	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003

Date	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)
MAR 2002 18...	--u	<.005	<.03	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005

Date	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)
MAR 2002 18...	<.008	<.009	<.01	<.003	<.006	E.01	E.02	<.005	<.01	<.01	<.005	<.006	<.01

Date	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)
MAR 2002 18...	<.03	<.02	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004

Date	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)
MAR 2002 18...	<.03	<.005	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	E.02n	<.002	<.003

Date	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)
MAR 2002 18...	<.013	<.008	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008

Date	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)
MAR 2002 18...	<.027	<.20	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03

Date	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)
MAR 2002 18...	<.002	<.008	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03

Date	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)
MAR 2002 18...	<.010	<.004	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005

Date	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)
MAR 2002 18...	<.004	<.010	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02

Date	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)
MAR 2002 18...	<.006	.04	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03

Date	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	PURPOSE SITE VISIT, (CODE) (50280)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
MAR 2002 18...	<.01	<.002	--u	<.004	<.02	<.009	<.02	<.05	<.01	.03	2003	15.00	4040

Date	SAMPLING CONDITION (72006)
MAR 2002	
18...	8.00

Remark codes used in this report:
   < -- Less than
   E -- Estimated value
Value qualifier codes used in this report:
   n -- Below the NDV
Null value qualifier codes used in this report:
   u -- Unable to determine-matrix interference

Surficial Aquifer
2002 Water Year

312356083462001 Site Name.—15K012

LOCATION.—Lat 31°23’56”, long 83°46’20”, Worth County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	TURBIDITY FIELD WATER UNFLTRD (NTU) (61028)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)
APR 09...	1350	1028	80020	10.34	50	.9	762	8.2	94	4.7	147	21.6	52

Date	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
APR 09...	54	8.81	7.82	.42	.1	2.29	8	2	2	.06	11.9	E.1n	6.10

Date	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
APR 09...	.1	85	91	<.04	<.10	11.8	<.008	<.02	E.3n	41	E.02	<.2	96

Date	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)
APR 09...	.15	9	.09	<.8	.93	.3	<10	.29	1.2	12.4	<.2	.84	<.3

Date	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
APR 09...	<1	73.6	<.04	.3	1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006

Date	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)
APR 09...	--u	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004

Date	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)
APR 09...	<.004	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005

Date	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)
APR 09...	<.03	<.02	E.008	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009

Date	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)
APR 09...	<.01	<.003	<.006	M	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02

Date	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
APR 09...	<.002	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005

Date	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)
APR 09...	<.008	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008

Date	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
APR 09...	--u	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02

Date	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)
APR 09...	<.01	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008

Date	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 09...	<.007	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004

Date	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)
APR 09...	<.022	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010

Date	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
APR 09...	<.011	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02

Date	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
APR 09...	<.02	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002

Date	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)
APR 09...	--u	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04

Date	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)
APR 09...	<.1	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04

Date	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)
APR 09...	<.03	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07

Date	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)
APR 09...	<.06	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03

Date	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)
APR 09...	<.09	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6

Date	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)
APR 09...	<.07	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07

Date	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)
APR													
09...	<.07	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.07	<.09	<.04	<.09	<.1

Date	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR					
09...	<.01	.03	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Value qualifier codes used in this report:
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

313209083464801 Site Name.—15L030

LOCATION.—Lat 31°32’09”, long 83°46’48”, Worth county.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
APR 16...	1015	1028	80020	4.78	40	.2	757	8.0	93	4.1	161	22.3	54

Date	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 16...	54	11.0	6.37	1.70	.1	2.37	8	0	E.02n	10.7	.1	4.48	1.1

Date	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
APR 16...	87	100	<.04	<.10	13.9	<.008	<.02	.4	688	.09	<.2	180	.25

Date	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
APR 16...	9	.04	<.8	1.66	.7	<10	3.50	.8	69.3	<.2	.68	E.2	<1

Date	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY _PANOL WAT FLT REC (UG/L) (61615)
APR 16...	56.1	.07	E.1	<1	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
APR 16...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004

Date	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
APR 16...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03

Date	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
APR 16...	<.02	E.003	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)
APR 16...	<.003	<.006	<.01	E.02	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002

Date	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
APR 16...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008

Date	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)
APR 16...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u

Date	IMAZAQUIN WATER FLTRD REC (UG/L) (50356)	IMAZETHAPYR WATER FLTRD REC (UG/L) (50407)	IMIDACLOPRID WATER FLTRD REC (UG/L) (61695)	IPRODIONE WATER FLTRD REC (UG/L) (61593)	ISOFENPHOS WATER FLTRD REC (UG/L) (61594)	LAMDACYHALOTHRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DISSOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALAOXON WATER FLTRD REC (UG/L) (61652)	MALATHION, DISSOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
APR 16...	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01

Date	METALAXYL WATER FLTRD REC (UG/L) (61596)	METALAXYL WATER FLTRD REC (UG/L) (50359)	METHIDATHION WATER FLTRD REC (UG/L) (61598)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	METSULFURON METHYL WAT FLT REC (UG/L) (61697)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLOBUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
APR 16...	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007

Date	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSULFURON WATER FLTRD REC (UG/L) (50364)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY_HIOATE WAT FLT REC (UG/L) (61660)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXYFLUORFEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARAOXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARAOXON METHYL WATER FLTRD REC (UG/L) (61664)	PARATHION, DISSOLVED (UG/L) (39542)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
APR 16...	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022

Date	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTEBUPIRIM WATER FLTRD REC (UG/L) (61602)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROFENOFOS WATER FLTRD REC (UG/L) (61603)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROMETRYN, WATER, DISS, REC (UG/L) (04036)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPACHLOR, WATER, DISS, REC (UG/L) (04024)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
APR 16...	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011

Date	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPETAMPHOS WATER FLTRD REC (UG/L) (61604)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROPICONAZOLE , WATER FLTRD REC (UG/L) (50471)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	SULFOMETRURON METHYL WTR FLT REC (UG/L) (50337)	SULFOTEPP WATER FLTRD REC (UG/L) (61605)	SULPROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIRIMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLUTHRIN METABOLITE R119364 FLT REC (UG/L) (61671)
APR 16...	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02

Date	TEFLUTHRIN METABOLITE R152912 FLT REC (UG/L) (61672)	TEFLUTHRIN WATER FLTRD REC (UG/L) (61606)	TEMEPHOS WATER FLTRD REC (UG/L) (61607)	TERBACIL, WATER, DISS, REC (UG/L) (04032)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUFOS O-ANALOGUE WAT FLT REC (UG/L) (61674)	TERBUTHYLAZINE, WATER, DISS, REC (UG/L) (04022)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANSCARBOXYATE WATER FLTRD REC (UG/L) (79843)	TRANSPROPICONAZOLE WAT FLT REC (UG/L) (79847)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIBENURON METHYL WATER FLTRD (UG/L) (61159)
APR 16...	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
APR 16...	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1

Date	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
APR 16...	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03

Date	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 16...	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	<.07	<.06

Date	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
APR 16...	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09

Date	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)
APR 16...	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07

Date	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)
APR 16...	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07

Date	1234-TETRA METHYL BENZENE UNFLTRD REC (UG/L) (49999)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)
APR 16...	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.02	<.09	<.04	<.09	<.1	<.01

Date	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
APR 16...	.24	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Value qualifier codes used in this report:
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

Surficial Aquifer
2002 Water Year

313144083472401 Site Name.--15L034

LOCATION.—Lat 31°31’43.5”, long 83°47’24.4” NAD83, Worth County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
APR 16...	1350	1028	80020	19.30	90	44	757	5.1	61	5.4	32	24.1	2

Date	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 16...	8	2.16	.509	.55	.5	3.09	45	6	<.03	2.59	.1	51.3	3.9

Date	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
APR 16...	43	70	<.04	<.10	.47	<.008	<.02	.3	7	.10	<.2	39	.07

Date	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
APR 16...	27	E.03	.8	.42	.7	<10	<.08	7.5	7.4	<.2	.71	.7	<1

Date	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	THAL-LIUM, DIS-SOLVED (UG/L AS TL) (01057)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	1,4-NAPTHO QUINON WATER FLTRD REC (UG/L) (61611)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERT BUTYL-PHENOXY CYCLO-HEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DI-CHLORO-ANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)
APR 16...	17.1	.05	.3	15	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	<.1

Date	2AMINON ISOPROP PYLBEN ZAMIDE WAT FLT REC (UG/L) (61617)	2CHLORO -2,6- DIETHYL ACET- ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI- CHLORO WATER FLTRD REC (UG/L) (61625)
APR 16...	<.005	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004

Date	ANILINE 3,5-DI- CHLORO WATER FLTRD REC (UG/L) (61627)	ANILINE 3-TRI- FLUORO- METHYL WAT FLT REC (UG/L) (61630)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN- PHOS- METHYL- OXON WAT FLT REC (UG/L) (61635)	BENDIO- CARB, WATER FLTRD REC (UG/L) (50299)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN- SUL- FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO- PHENONE 4,4-DI- CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN- OXY WAT FLT REC (UG/L) (61629)	BI- FENTH- RIN WATER FLTRD REC (UG/L) (61580)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
APR 16...	<.005	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03

Date	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAF- FEINE, WATER FLTRD REC (UG/L) (50305)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI- MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR- PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS- CARBOX- YATE WATER FLTRD REC (UG/L) (79842)	CIS- PROPI- CONAZ- OLE WAT FLT REC (UG/L) (79846)	CY- CLOATE, WATER, DISS, REC (UG/L) (04031)	CY- FLUTH- RIN WATER FLTRD REC (UG/L) (61585)	CYPER- METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)
APR 16...	<.02	<.010	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01

Date	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO- PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO- PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN- AMID, WATER, DISS, REC (UG/L) (04033)	DISULF- OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF- OTON SULF- OXIDE WAT FLT REC (UG/L) (61641)
APR 16...	<.003	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002

Date	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI- METHO- MORPH WATER FLTRD REC (UG/L) (79844)	ENDO- SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO- SULFAN BETA DISSOLV (UG/L) (34357)	ENDO- SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI- PHOS SULFONE WATER FLTRD REC (UG/L) (61645)
APR 16...	<.02	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008

Date	FENAMI- PHOS SULF- OXIDE WAT FLT REC (UG/L) (61646)	FENAMI- PHOS WATER FLTRD REC (UG/L) (61591)	FEN- THION SULF- OXIDE WAT FLT REC (UG/L) (61647)	FEN- THION WATER FLTRD (UG/L) (38801)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME- TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET- SULAM WATER FLTRD REC (UG/L) (61694)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA- ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA- ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL- PENDI- METH- LION FLT REC (UG/L) (61665)
APR 16...	<.03	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u

Date	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
APR 16...	<.02	<.02	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01

Date	META-LAXYL WATER FLTRD REC (UG/L) (61596)	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
APR 16...	<.005	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007

Date	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
APR 16...	<.01	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022

Date	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
APR 16...	<.006	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011

Date	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)
APR 16...	<.02	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02

Date	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)
APR 16...	<.01	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u

Date	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
APR 16...	<.004	<.02	<.009	<.02	<.05	<.03	<.06	<.04	<.04	<.05	<.16	<.04	<.1

Date	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	TRANS-1,2-DI-CHLORO-ETHENE TOTAL (UG/L) (34546)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
APR 16...	<.03	<.03	<.05	<.7	<.7	<7	<1	<.3	<.1	<.1	<.06	<.04	<.03

Date	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	BROMO-FORM TOTAL (UG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	CARBON TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 16...	<.05	<.06	<.2	<.04	<.03	<.03	<.05	<.04	<.04	<.1	<.06	E.01	<.06

Date	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-DI-CHLORO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
APR 16...	<.03	<.2	<.1	<.02	<.04	<.09	<.5	<.05	<.05	<.18	<.10	<.03	<.09

Date	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	ETHER ETHYL WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	ETHYL-BENZENE TOTAL (UG/L) (34371)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	METH-ACRYLO-NITRILE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)
APR 16...	<.2	<.2	<.05	<.08	<.03	<.06	<2	<.1	<.2	<.2	<.3	<.6	<.07

Date	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (UG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (UG/L) (78133)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	NAPHTH-ALENE TOTAL (UG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)
APR 16...	<2.0	<.25	<.2	<.3	<.2	<.2	<5.0	<.4	<.06	<.5	<.03	<.07	<.07

Date	1234-TETRAMETHYLBENZENE UNFLTRD REC (UG/L) (49999)	1,3-DICHLOROPROPANE WAT. WH TOTAL (UG/L) (77173)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	STYRENE TOTAL (UG/L) (77128)	TETRACHLOROETHYLENE TOTAL (UG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L) (34699)	TRICHLOROETHYLENE TOTAL (UG/L) (39180)	TRICHLOROFLUOROMETHANE TOTAL (UG/L) (34488)	VINYL CHLORIDE TOTAL (UG/L) (39175)	DICHLOROVOS, WATER FLTRD REC (UG/L) (38775)
APR													
16...	<.2	<.1	<.07	<.04	<.03	<.06	<.05	E.03	<.09	<.04	<.09	<.1	<.01

Date	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAMPLING CONDITION (72006)
APR				
16...	E.01	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Value qualifier codes used in this report:
n -- Below the NDV

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

312025083401101 Site Name.—16J032

LOCATION.—Lat 31°20’25”, long 83°40’11”, Worth county.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	HARDNESS NONCARB DISSOLVFLD. AS CACO3 (MG/L) (00904)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)
FEB 28...	0950	1028	80020	6.28	765	11.9	102	4.7	95	8.8	25	27	4.70

Date	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SODIUM ADSORPTION RATIO (00931)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)
FEB 28...	3.67	1.35	.3	3.15	19	2	2	E.03n	8.41	E.1n	7.51	1.2	70

Date	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	ORTHOPHOSPHATE, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)
FEB 28...	65	<.04	<.10	7.57	<.008	<.02	E.3n	304	.22	<.2	236	.63	E6

Date	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)
FEB 28...	.07	1.4	3.50	1.0	20	2.84	2.3	27.4	E.1	4.77	<.3	<1	50.1

Date	THALLIUM, DISSOLVED (UG/L AS TL) (01057)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	1,4-NAPTHOQUINON WATER FLTRD REC (UG/L) (61611)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	2(4TERTBUTYL-PHENOXY CYCLOHEXANOL FLT REC (UG/L) (61637)	2,4-D METHYL ESTER, WATER FLTRD REC (UG/L) (50470)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,5-DICHLOROANILINE WATER FLTRD REC (UG/L) (61614)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	2-[2-ETHYL-6-METHY_PANOL WAT FLT REC (UG/L) (61615)	2AMINONISOPROPYLBENZAMIDE WAT FLT REC (UG/L) (61617)
FEB 28...	.05	<.2	6	<.05	<.09	<.01	<.009	<.02	<.02	<.03	<.006	--u	<.005

Date	2CHLORO-2,6-DIETHYL ACET-ANILIDE FLT REC (UG/L) (61618)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	4CHLORO BENZYL METHYL SULFONE WAT FLT REC (UG/L) (61634)	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ANILINE 2-ETHYL 6METHYL WATER FLTRD REC (UG/L) (61620)	ANILINE 3,4-DI-CHLORO WATER FLTRD REC (UG/L) (61625)	ANILINE 3,5-DI-CHLORO WATER FLTRD REC (UG/L) (61627)
FEB 28...	<.005	<.006	--m	<.006	<.007	<.004	<.02	<.008	<.04	<.005	<.004	<.004	<.005

Date	ANILINE 3-TRI-FLUORO-METHYL WAT FLT REC (UG/L) (61630)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	AZIN-PHOS-METHYL-OXON WAT FLT REC (UG/L) (61635)	BENDIO-CARB, WATER FLTRD REC (UG/L) (50299)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENOMYL WATER FLTRD REC (UG/L) (50300)	BEN-SUL-FURON METHYL WAT FLT REC (UG/L) (61693)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BENZO-PHENONE 4,4-DI-CHLORO WAT FLT REC (UG/L) (61631)	BENZYL ALCOHOL 3-PHEN-OXY WAT FLT REC (UG/L) (61629)	BI-FENTH-RIN WATER FLTRD REC (UG/L) (61580)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
FEB 28...	<.01	<.007	<.02	<.03	<.010	<.004	<.02	<.01	<.003	--u	<.005	<.03	<.02

Date	CAF-FEINE, WATER FLTRD REC (UG/L) (50305)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORI-MURON, WATER FLTRD REC (UG/L) (50306)	CHLOR-PYRIFOS OXYGEN ANALOG WAT FLT REC (UG/L) (61636)	CIS-CARBOX-YATE WATER FLTRD REC (UG/L) (79842)	CIS-PROPI-CONAZ-OLE WAT FLT REC (UG/L) (79846)	CY-CLOATE, WATER, DISS, REC (UG/L) (04031)	CY-FLUTH-RIN WATER FLTRD REC (UG/L) (61585)	CYPER-METHRIN WATER FLTRD REC (UG/L) (61586)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
FEB 28...	.014	<.03	<.006	<.02	<.010	<.06	<.04	<.008	<.005	<.008	<.009	<.01	<.003

Date	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DEETHYL DEISO-PROPYL ATRAZIN DISS, REC (UG/L) (04039)	DEISO-PROPYL ATRAZIN WATER, DISS, REC (UG/L) (04038)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIPHEN-AMID, WATER, DISS, REC (UG/L) (04033)	DISULF-OTON SULFONE WATER FLTRD REC (UG/L) (61640)	DISULF-OTON SULF-OXIDE WAT FLT REC (UG/L) (61641)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
FEB 28...	<.006	<.01	<.04	<.005	<.01	<.01	<.005	<.006	<.01	<.03	<.02	<.002	<.02

Date	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	E-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79844)	ENDO-SULFAN ALPHA DISSOLV (UG/L) (34362)	ENDO-SULFAN BETA DISSOLV (UG/L) (34357)	ENDO-SULFAN ETHER WATER FLTRD REC (UG/L) (61642)	ENDO-SULFAN SULFATE WATER FLTRD REC (UG/L) (61590)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHION DISSOLV (UG/L) (82346)	ETHION MONOXON WATER FLTRD REC (UG/L) (61644)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FENAMI-PHOS SULFONE WATER FLTRD REC (UG/L) (61645)	FENAMI-PHOS SULF-OXIDE WAT FLT REC (UG/L) (61646)
FEB 28...	<.01	<.02	<.005	<.01	<.004	<.006	<.002	<.009	<.004	<.03	<.005	<.008	<.03

Date	FENAMI-PHOS WATER FLTRD REC (UG/L) (61591)	FEN-THION SULF-OXIDE WAT FLT REC (UG/L) (61647)	FEN-THION WATER FLTRD (UG/L) (38801)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUME-TRALIN WATER FLTRD REC (UG/L) (61592)	FLUMET-SULAM WATER FLTRD REC (UG/L) (61694)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS OXYGEN ANALOG WATER FLTRD REC (UG/L) (61649)	FONOFOS WATER DISS REC (UG/L) (04095)	HEXA-ZINONE, WATER, DISS, REC (UG/L) (04025)	HYDROXY ATRA-ZINE WATER FLTRD REC (UG/L) (50355)	HYDROXY METHYL-PENDI-METH-LION FLT REC (UG/L) (61665)	IMAZ-AQUIN WATER FLTRD REC (UG/L) (50356)
FEB 28...	<.03	<.008	<.02	<.03	<.004	<.01	<.03	<.002	<.003	<.013	<.008	--u	<.02

Date	IMAZE-THAPYR WATER FLTRD REC (UG/L) (50407)	IMID-ACLOP-RID WATER FLTRD REC (UG/L) (61695)	IPRO-DIONE WATER FLTRD REC (UG/L) (61593)	ISOFEN-PHOS WATER FLTRD REC (UG/L) (61594)	LAMDA-CYHALO-THRIN WATER FLTRD REC (UG/L) (61595)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-OXON WATER FLTRD REC (UG/L) (61652)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	META-LAXYL WATER FLTRD REC (UG/L) (61596)
FEB 28...	<.01v	<.007	<1	<.003	<.009	<.004	<.01	<.035	<.008	<.027	<.02	<.01	<.005

Date	METAL-AXYL WATER FLTRD REC (UG/L) (50359)	METHI-DATHION WATER FLTRD REC (UG/L) (61598)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MET-SUL-FURON METHYL WAT FLT REC (UG/L) (61697)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	MYCLO-BUTANIL WATER FLTRD REC (UG/L) (61599)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)
FEB 28...	<.02	<.006	<.008	<.004	<.050	<.006	<.013	<.006	<.03	<.002	<.008	<.007	<.01

Date	NICOSUL FURON WATER FLTRD REC (UG/L) (50364)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	O-ETHYL O-METHY S-PROPY _HIOATE WAT FLT REC (UG/L) (61660)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	OXY-FLUOR-FEN WATER FLTRD REC (UG/L) (61600)	P,P' DDE DISSOLV (UG/L) (34653)	PARA-OXON ETHYL WATER FLTRD REC (UG/L) (61663)	PARA-OXON METHYL WATER FLTRD REC (UG/L) (61664)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
FEB 28...	<.01	<.02	<.008	<.02	<.01	<.007	<.003	<.008	<.03	<.010	<.004	<.022	<.006

Date	PHORATE OXON WATER FLTRD REC (UG/L) (61666)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PHOSMET OXON WATER FLTRD REC (UG/L) (61668)	PHOSMET WATER FLTRD REC (UG/L) (61601)	PHOSTE-BUPIRIM WATER FLTRD REC (UG/L) (61602)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-FENOFOS WATER FLTRD REC (UG/L) (61603)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-METRYN, WATER, DISS, REC (UG/L) (04036)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
FEB 28...	<.10	<.011	<.06	<.008	<.005	<.02	<.006	<.01	<.005	<.004	<.010	<.011	<.02

Date	PROPET-AMPHOS WATER FLTRD REC (UG/L) (61604)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROP-ICONA-ZOLE , WATER FLTRD REC (UG/L) (50471)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SIDURON WATER FLTRD REC (UG/L) (38548)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	SULFO-MET-RURON METHYL WTR FLT REC (UG/L) (50337)	SULFO-TEPP WATER FLTRD REC (UG/L) (61605)	SUL-PROFOS WATER FLTRD REC (UG/L) (38716)	TEBUPIR IMPHOS OXYGEN ANALOG WAT FLT REC (UG/L) (61669)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TEFLU-THRIN METAB-OLITE R119364 FLT REC (UG/L) (61671)	TEFLU-THRIN METAB-OLITE R152912 FLT REC (UG/L) (61672)
FEB 28...	<.004	<.010	<.02	<.008	<.02	<.005	<.009	<.003	<.02	<.006	<.02	<.02	<.01

Date	TEFLU-THRIN WATER FLTRD REC (UG/L) (61606)	TEME-PHOS WATER FLTRD REC (UG/L) (61607)	TER-BACIL, WATER, DISS, REC (UG/L) (04032)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TER-BUFOS O-ANA-LOGUE WAT FLT REC (UG/L) (61674)	TER-BUTHYL-AZINE, WATER, DISS, REC (UG/L) (04022)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRANS-CARBOX-YATE WATER FLTRD REC (UG/L) (79843)	TRANS-PROPI-CONA-ZOLE WAT FLT REC (UG/L) (79847)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-BENURON METHYL WATER FLTRD (UG/L) (61159)	TRIBU-PHOS WATER FLTRD REC (UG/L) (61610)
FEB 28...	<.008	<.3	<.010	<.034	<.02	<.07	<.01	<.005	<.03	<.01	<.002	--u	<.004

Date	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	UREA 3(4-CHLOR OPHENYL METHYL WAT FLT REC (UG/L) (61692)	Z-DI-METHO-MORPH WATER FLTRD REC (UG/L) (79845)	DICHLOR VOS, WATER FLTRD REC (UG/L) (38775)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
FEB									
28...	<.02	<.009	<.02	<.05	<.01	.13	15.00	4040	.10

Remark codes used in this report:
< -- Less than
E -- Estimated value

Value qualifier codes used in this report:
n -- Below the NDV
v -- Analyte detected in laboratory blank

Null value qualifier codes used in this report:
m -- Results sent by separate memo
u -- Unable to determine-matrix interference

LIST OF ACTIVE AND DISCONTINUED CONTINUOUS GAGING STATIONS

The following list contains discontinued and currently operated continuous-record streamflow stations on streams within the State of Georgia and its border with adjacent States. Daily streamflow record were collected and published for the periods of record shown for each station. Some stations have monthly figures published for additional periods other than those noted in the period of record column. The stations in bold text are active gaging stations.

Station Number	Station name	Latitude	Longitude	Drainage Area (mi^2)	Period(s) of record
02177000	**Chattooga River near Clayton**	**34° 48'50"**	**83° 18'22"**	**207**	**Oct. 1, 1939 to current year**
02178000	Chattooga River near Tallulah Falls	34° 47'31"	83° 19'22"	256	Jan. 1, 1917 to Jan. 27, 1918
					Oct. 1, 1918 to Sep. 30, 1929
02178400	**Tallulah River near Clayton**	**34° 53'25"**	**83° 31'50"**	**56.5**	**Jul. 15, 1964 to current year**
02179000	Tallulah River near Seed	34° 46'32"	83° 31'17"	129	Jan. 1, 1916 to Apr. 25, 1920
02180500	Tiger Creek at Lakemont	34° 46'52"	83° 24'54"	26.0	Jan. 11, 1916 to Sep. 30, 1918
02181000	Tallulah River at Mathis	34° 46'44"	83° 24'43"	177	Mar. 27, 1913 to Sep. 30, 1916
02181500	Tallulah River at Tallulah Falls	34° 44'16"	83° 23'51"	183	Jul. 15, 1904 to Jun. 30, 1909
02181850	**Tallulah River above Powerhouse, near Tallulah Falls**	**34° 43'55"**	**83° 22'33"**	**184**	**Nov. 15, 1997 to current year**
02182000	Panther Creek near Toccoa	34° 40'40"	83° 20'43"	32.5	Oct. 1, 1942 to Sep. 30, 1971
02184000	Tugaloo River near Hartwell	34° 29'06"	82° 54'33"	909	Apr. 28, 1925 to Sep. 30, 1927
					Feb. 1, 1940 to Sep. 30, 1960
02187252	Savannah River below Hartwell Lake, near Hartwell	34° 21'15"	82° 48'55"	2,090	Oct. 1, 1984 to Sep. 30, 1999
02187500	Savannah River near Iva, SC	34° 15'20"	82° 44'42"	2,231	Oct. 1, 1950 to Sep. 30, 1981
02188500	Beaverdam Creek at Dewy Rose	34° 10'52"	82° 56'38"	38.4	Oct. 1, 1942 to Sep. 30, 1977
02188600	Beaverdam Creek above Elberton	34° 10'07"	82° 53'48"	72.0	Oct. 1, 1986 to Oct. 8, 1996
02188680	Beaverdam Creek near Elberton	34° 08'29"	82° 51'15"	89.6	Oct. 1, 1984 to Jun. 30, 1986
02189000	Savannah River near Calhoun Falls, SC	34° 04'15"	82° 38'30"	2,880	Oct. 1, 1896 to Apr. 30, 1898
					Apr. 1, 1899 to Sep. 30, 1900
					Apr. 1, 1930 to Apr. 30, 1932
					Apr. 1, 1938 to Sep. 30, 1979
02189050	North Fork Broad River above Toccoa	34° 34'25"	83° 22'00"	3.66	Oct. 1, 1958 to Sep. 30, 1969
02189100	Denmans Creek near Toccoa	34° 34'22"	83° 22'00"	0.74	Apr. 15, 1956 to Sep. 30, 1969
02189500	North Fork Broad River near Toccoa	34° 30'49"	83° 19'19"	18.3	May 1, 1954 to Sep. 30, 1969
02189600	Bear Creek near Mize	34° 29'07"	83° 18'38"	3.62	Dec. 1, 1956 to Sep. 30, 1969
02190000	North Fork Broad River near Lavonia	34° 27'10"	83° 14'23"	42.0	May 1, 1954 to Sep. 30, 1969
02190100	Toms Creek near Eastanollee	34° 29'01"	83° 14'02"	3.79	Oct. 1, 1956 to Sep. 30, 1969
02190200	Toms Creek near Avalon	34° 29'35"	83° 13'23"	1.20	Oct. 1, 1954 to Sep. 30, 1969
02190500	Toms Creek near Martin	34° 27'47"	83° 13'19"	10.3	Jun. 17, 1954 to Sep. 30, 1969
02191000	North Fork Broad River near Carnesville	34° 19'25"	83° 11'10"	119	Oct. 1, 1942 to Dec. 31, 1944
					May 1, 1954 to Sep. 30, 1969
02191200	Hudson River at Homer	34° 20'15"	83° 29'17"	60.9	Jun. 1, 1959 to Sep. 30, 1979
02191300	**Broad River above Carlton**	**34° 04'24"**	**83° 00'12"**	**760**	**Oct. 1, 1997 to current year**
02191500	Broad River near Carlton	34° 03'56"	82° 59'33"	762	Jul. 1, 1897 to Dec. 31, 1912
02191743	**South Fork Broad River at Carlton**	**34° 01'53"**	**83° 00'33"**	**224**	**May 23, 2000 to current year**
02191970	Little Macks Creek near Lexington	33° 56'09"	82° 57'41"	1.73	Dec. 5, 1974 to Sep. 30, 1985
02192000	**Broad River near Bell**	**33° 58'27"**	**82° 46'12"**	**1,430**	**Nov. 1, 1926 to Jul. 31, 1932**
					Aug. 1, 1937 to current year
02193340	**Kettle Creek near Washington**	**33° 40'57"**	**82° 51'29"**	**33.9**	**Apr. 16, 1986 to current year**
02193500	**Little River near Washington**	**33° 36'40"**	**82° 44'40"**	**291**	**Oct. 1, 1949 to Jun. 23, 1971**
					May 1, 1989 to current year
02194000	Little River near Linconton	33° 38'40"	82° 28'40"	574	Jan. 1, 1943 to Mar. 31, 1951
02196484	**Savannah River near North Augusta, SC**	**33° 33'06"**	**82° 02'19"**	**7,150**	**Oct. 1, 1988 to current year**
02196820	Butler Creek at Fort Gordon	33° 26'36"	82° 07'43"	7.50	Oct. 1, 1968 to Jan. 22, 1991
02196835	**Butler Creek below 7th Avenue, at Fort Gordon**	**33° 26'17"**	**82° 07'05"**	**7.90**	**Mar. 27, 2001 to current year**
02197000	**Savannah River at Augusta**	**33° 22'25"**	**81° 56'35"**	**7,508**	**Apr. 1, 1883 to Sep. 30, 1891**
					Apr. 1, 1896 to Sep. 30, 1906
					Apr. 1, 1925 to current year
02197020	**Spirit Creek at US 1, near Augusta**	**33°22'24"**	**82°08'21"**	**17.2**	**Mar. 26, 2001 to current year**
02197320	**Savannah River near Jackson, SC**	**33° 13'01"**	**81° 46'04"**	**7,800**	**Oct. 1, 1971 to current year**
02197500	**Savannah River at Burtons Ferry, Bridge, near Millhaven**	**32° 56'20"**	**81° 30'10"**	**8,650**	**Oct. 1, 1939 to Sep. 30, 1970**
					Oct. 1, 1982 to current year
02197520	Brier Creek near Thomson	33° 22'06"	82° 28'06"	55.0	Jul. 18, 1967 to Sep. 30, 1993
02197550	Little Brier Creek near Thomson	33° 20'24"	82° 27'29"	24.0	Jun. 24, 1960 to Jun. 30, 1967
02197600	**Brushy Creek near Wrens**	**33° 10'37"**	**82° 18'21"**	**28.0**	**May 29, 1958 to current year**
02197830	Brier Creek near Waynesboro	33° 07'05"	81° 57'50"	473	Jul. 1, 1969 to Jan. 19, 1995

LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi^2)	Period(s) of record
02198000	**Brier Creek at Millhaven**	**32º 56'00"**	**81º 39'05"**	**646**	**Apr. 14, 1937 to current year**
02198100	**Beaverdam Creek near Sardis**	**32º 56'15"**	**81º 48'56"**	**30.8**	**Jun. 7, 1986 to current year**
02198500	**Savannah River near Clyo**	**32º 31'30"**	**81º 15'45"**	**9,850**	**Apr. 1, 1930 to Sep. 30, 1933**
					Oct. 1, 1937 to current year
02198690	**Ebenezer Creek at Springfield**	**32º 21'56"**	**81º 17'51"**	**181**	**Mar. 1, 1990 to current year**
02200500	Ogeechee River near Louisville	32º 58'03"	82º 23'26"	800	Apr. 1, 1937 to Dec. 31, 1949
02201000	**Williamson Swamp Creek at Davisboro**	**32º 58'32"**	**82º 36'36"**	**109**	**May 7, 1980 to current year**
02202000	Ogeechee River at Scarboro	32º 42'38"	81º 52'46"	1,940	Apr. 1, 1937 to Jun. 30, 1971
02202500	**Ogeechee River near Eden**	**32º 11'29"**	**81º 24'58"**	**2,650**	**Apr. 27, 1937 to current year**
02202600	**Black Creek near Blitchton**	**32º 10'04"**	**81º 29'18"**	**232**	**Feb. 14, 1980 to current year**
02203000	**Canoochee River near Claxton**	**32º 11'05"**	**81º 53'20"**	**555**	**May 26, 1937 to current year**
02203500	Canoochee River near Groveland	32º 05'55"	81º 43'43"	921	Jun. 23, 1903 to Dec. 31, 1907
02203559	Peacock Creek at McIntosh	31º 48'49"	81º 31'13"	33.0	Oct. 1, 1966 to Sep. 30, 1977
02203600	South River at East Point	33º 40'50"	84º 25'15"	1.49	Oct. 1, 1963 to Sep. 30, 1969
02203900	South River at Flakes Mill Road, near Atlanta	33º 39'58"	84º 13'29"	99.0	Aug. 23, 1979 to Sep. 30, 1983
02204070	**South River at Klondike Road, near Lithonia**	**33º 37'47"**	**84º 07'43"**	**182**	**Oct. 1, 1983 to current year**
02204285	Pates Creek near Flippen	33º 29'34"	84º 14'44"	11.9	Aug. 9, 1977 to Sep. 30, 1984
02204500	South River near McDonough	33º 29'48"	84º 00'53"	456	Oct. 1, 1939 to Sep. 30, 1960
					Oct. 1, 1975 to Sep. 30, 1982
02205000	Wildcat Creek near Lawrenceville	34º 00'08"	84º 00'18"	1.59	Oct. 1, 1953 to Sep. 30, 1982
02205500	Pew Creek near Lawrenceville	33º 56'05"	84º 01'00"	2.23	Oct. 1, 1953 to Sep. 30, 1963
02206000	Shetley Creek near Norcross	33º 57'20"	84º 09'40"	0.98	Oct. 1, 1953 to Sep. 30, 1963
02206500	**Yellow River near Snellville**	**33º 51'11"**	**84º 04'45"**	**134**	**Oct. 1, 1942 to Sep. 30, 1971**
					Oct1, 1987 to current year
02207000	Garner Creek near Snellville	33º 51'45"	84º 05'50"	5.54	Oct. 1, 1953 to Sep. 30, 1963
02207120	**Yellow River at GA 124, near Lithonia**	**33º 46'22"**	**84º 03'30"**	**162**	**Aug. 16, 2001 to current year**
02207185	**No Business Creek at Lee Road, below Snellville**	**33º 46'40"**	**84º 02'16"**	**10.14**	**Oct. 1, 2000 to current year**
02207335	**Yellow River at Gees Mill Road, near Milstead**	**33º 40'01"**	**83º 56'17"**	**260**	**Nov. 1, 2001 to current year**
02207385	**Big Haynes Creek at Lenora Road, near Snellville**	**33º 48'54"**	**83º 59'25"**	**17.30**	**Oct. 1, 2000 to current year**
02207400	**Brushy Fork Creek at Beaver Road, near Loganville**	**33º 49'17"**	**83º 56'33"**	**8.13**	**Oct. 1, 2000 to current year**
02207418	**Big Haynes Creek at Jack Turner Dam, near Milstead**	**33º 43'10"**	**83º 56'05"**	**46.30**	**Oct. 12, 2001 to current year**
02207435	**Little Haynes Creek at Dial Mill Road, near Milstead**	**33º 42'40"**	**83º 54'52"**	**25.1**	**Oct. 16, 2001 to current year**
02207500	Yellow River near Covington	33º 36'52"	83º 54'54"	378	Sep. 12, 1897 to Dec. 31, 1897
					May 9, 1899 to Dec. 31, 1901
					Jul. 1, 1944 to Sep. 30, 1960
					Oct. 1, 1975 to Sep. 30, 1982
02208150	**Alcovy River at New Hope Road, near Grayson**	**33º 55'03"**	**83º 53'17"**	**30.75**	**Oct. 1, 2000 to current year**
02208450	**Alcovy River above Covington**	**33º 38'24"**	**83º 46'45"**	**185**	**Jan. 26, 1972 to current year**
02208500	Alcovy River near Covington	33º 35'35"	83º 48'29"	228	May 1, 1901 to Dec. 31, 1904
02209000	Alcovy River below Covington	33º 30'21"	83º 49'30"	244	Oct. 1, 1928 to Apr. 30, 1932
					Jul. 1, 1944 to Dec. 31, 1949
02209500	Alcovy River near Stewart	33º 25'22"	83º 49'43"	291	Sep. 16, 1905 to Dec. 31, 1906
02210500	**Ocmulgee River near Jackson**	**33º 18'28"**	**83º 50'18"**	**1,420**	**May 18, 1906 to Sep. 30, 1915**
					Aug. 1, 1939 to Sep. 30, 1960
					Oct. 1, 1975 to Sep. 30, 1982
					Mar. 1, 1987 to current year
02211300	Towaliga River near Jackson	33º 15'50"	84º 04'17"	105	Jun. 1, 1960 to Sep. 30, 1971
02211459	Big Towaliga Creek near Barnesville	33º 04'20"	84º 11'04"	2.36	Oct. 1, 1974 to Sep. 30, 1980
02211500	Towaliga River near Forsyth	33º 07'17"	83º 56'36"	315	Feb. 1, 1929 to Mar. 31, 1932
					Jul. 1, 1944 to Dec. 31, 1949
02212500	Ocmulgee River at Juliette	33º 05'50"	83º 47'10"	1,960	Jun. 1, 1916 to Sep. 30, 1921
					Jul. 2, 1974 to May 15, 1988
02212600	**Falling Creek near Juliette**	**33º 05'59"**	**83º 43'25"**	**72.2**	**Jul. 7, 1964 to current year**
02213000	**Ocmulgee River at Macon**	**32º 50'19"**	**83º 37'14"**	**2,240**	**Feb. 1, 1893 to Jul. 31, 1912**
					Oct. 1, 1928 to current year
02213050	Walnut Creek near Gray	32º 58'20"	83º 37'08"	29.0	Oct. 1, 1961 to Apr. 26, 1994
02213470	Tobesofkee Creek above Macon	32º 52'02"	83º 50'24"	156	Apr. 1, 1967 to Sep. 30, 1971
02213500	**Tobesofkee Creek near Macon**	**32º 48'32"**	**83º 45'30"**	**182**	**Apr. 1, 1937 to current year**
02213700	**Ocmulgee River near Warner Robins**	**32º 40'17"**	**83º 36'11"**	**2,690**	**Oct. 1, 1972 to current year**
02214000	Echeconnee Creek near Macon	32º 45'54"	83º 50'22"	147	Apr1, 1937 to Sep. 30, 1943
22145000	Big Indian Creek at Perry	32º 27'20"	83º 44'21"	108	Oct. 1, 1943 to Jul. 31, 1971
02215000	Ocmulgee River at Hawkinsville	32º 16'50"	83º 27'40"	3,800	Oct. 1, 1928 to Dec. 31, 1931
					Oct. 1, 1943 to Sep. 30, 1959
02215100	**Tucsawhatchee Creek near Hawkinsville**	**32o 14'22"**	**83º 30'06"**	**163**	**Apr. 1, 1986 to current year**
02215400	Big Horse Creek near Lumber City	31º 51'07"	82º 49'37"	155	Oct. 1, 1958 to Dec. 31, 1961

LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi^2)	Period(s) of record
02215500	**Ocmulgee River at Lumber City**	**31° 55'06"**	**82° 40'26"**	**5,180**	**Oct. 1, 1936 to current year**
02216000	Little Ocmulgee River at Towns	32° 00'28"	82° 45'10"	351	Apr. 1, 1937 to Dec. 31, 1946
02216180	**Turnpike Creek near McRae**	**31° 59'29"**	**82° 55'19"**	**49.2**	**Jan. 1, 1983 to current year**
02216610	Tillman Mill Creek near Lumber City	31° 58'53"	82° 38'32"	2.71	Oct. 1, 1974 to Sep. 30, 1985
02217000	Allen Creek at Talmo	34° 11'34"	83° 43'11"	17.3	Jul. 7, 1951 to Sep. 30, 1971
02217274	**Wheeler Creek at Bill Cheek Road, near Auburn**	**34° 04'56"**	**83° 51'17"**	**2.09**	**Jun. 29, 2001 to current year**
02217475	**Middle Oconee River near Arcade**	**34° 01'54"**	**83° 33'48"**	**340**	**Mar. 1, 1987 to current year**
02217500	**Middle Oconee River near Athens**	**33° 56'48"**	**83° 25'22"**	**392**	**Oct. 1, 1901 to Sep. 30, 1902**
					Jan. 1, 1929 to Mar. 31, 1932
					May 1, 1937 to current year
02217900	North Oconee River at Athens	33° 56'55"	83° 22'04"	290	Oct. 1, 1928 to Mar. 31, 1932
					Jun. 24, 1944 to Dec. 31, 1949
02218300	**Oconee River near Penfield**	**33° 43'16"**	**83° 17'44"**	**940**	**Aug. 1, 1977 to current year**
02218500	Oconee River near Greensboro	33° 34'52"	83° 16'22"	1,090	Aug. 1, 1903 to Sep. 30, 1932
					Apr. 1, 1937 to Sep. 30, 1978
02218565	**Apalachee River at Fence Road, near Auburn**	**34° 00'37"**	**83° 53'39"**	**5.40**	**Jul. 13, 2001 to current year**
02219000	**Apalachee River near Bostwick**	**33° 47'17"**	**83° 28'27"**	**176**	**Jul. 1, 1944 to Dec. 31, 1949**
					Apr. 28, 1977 to current year
02219500	Apalachee River near Buckhead	33° 36'31"	83° 20'58"	436	Jan. 1, 1901 to Dec. 31, 1908
					Apr. 1, 1937 to Sep. 30, 1978
02220500	Oconee River near Sparta	33° 20'05"	83° 08'38"	1,830	Oct. 1, 1949 to Apr. 15, 1953
02220550	Whitten Creek near Sparta	33° 23'12"	83° 01'34"	16.6	Jun. 22, 1960 to Apr. 16, 1986
02220900	**Little River near Eatonton**	**33° 18'50"**	**83° 26'14"**	**262**	**Aug. 1, 1977 to current year**
02221000	Murder Creek near Monticello	33° 24'56"	83° 39'43"	24.0	Oct. 1, 1951 to Sep. 30, 1971
02221525	**Murder Creek below Eatonton**	**33° 15'08"**	**83° 28'53"**	**190**	**Apr. 27, 1977 to current year**
02223000	**Oconee River at Milledgeville**	**33° 05'22"**	**83° 12'56"**	**2,950**	**Sep. 1, 1903 to current year**
02223056	**Oconee River at Avant Mine, near Oconee**	**32° 56'23"**	**83° 04'01"**	**3,100**	**Nov. 4, 1992 to current year**
02223110	Buffalo Creek near Oconee	32° 53'28"	82° 57'40"	293	Jan. 28, 1993 to Oct. 2, 1996
02223248	**Oconee River near Oconee**	**32° 47'14"**	**82° 57'26"**	**3,770**	**Nov. 1, 1992 to current year**
02223300	Big Sandy Creek near Jeffersonville	32° 48'15"	83° 25'04"	31.0	Oct. 1, 1958 to Sep. 30, 1971
02223382	Oconee River near Dublin	32° 41'41"	82° 56'20"	4,100	Nov. 4, 1992 to Oct. 2, 1996
02223500	**Oconee River at Dublin**	**32° 32'40"**	**82° 53'41"**	**4,400**	**Oct. 1, 1897 to current year**
02224000	Rocky Creek near Dudley	32° 29'38"	83° 08'49"	62.9	Dec. 1, 1951 to Sep. 30, 1976
02224500	Oconee River near Mt. Vernon	32° 11'28"	82° 38'00"	5,110	Oct. 1, 1937 to Dec. 31, 1955
02225000	**Altamaha River near Baxley**	**31° 56'20"**	**82° 21'13"**	**11,600**	**Aug. 14, 1949 to Jun. 30, 1951**
					Oct. 1, 1970 to current year
02225500	**Ohoopee River near Reidsville**	**32° 04'42"**	**82° 10'39"**	**1,110**	**Jun. 24, 1903 to Dec. 31, 1907**
					May 25, 1937 to current year
02226000	**Altamaha River at Doctortown**	**31° 39'16"**	**81° 49'41"**	**13,600**	**Oct. 1, 1931 to current year**
02226100	Penholoway Creek near Jesup	31° 34'00"	81° 50'18"	210	Jul. 1, 1958 to Mar. 27, 2001
02226500	**Satilla River near Waycross**	**31° 14'17"**	**82° 19'29"**	**1,200**	**Apr. 1, 1937 to current year**
02226600	Burket Creek near Roper	31° 47'42"	82° 37'33"	7.10	Jul. 1, 1956 to Sep. 30, 1963
02226700	Whitehead Creek near Denton	31° 44'00"	82° 41'26"	28.0	Jul. 1, 1956 to Sep. 30, 1963
02226900	Hurricane Creek near Hazelhurst	31° 40'58"	82° 34'15"	102	Jul. 1, 1956 to Sep. 30, 1963
02227000	Hurricane Creek near Alma	31° 34'00"	82° 27'50"	139	Oct. 1, 1951 to Sep. 30, 1971
02227500	**Little Satilla River near Offerman**	**31° 27'04"**	**82° 03'17"**	**646**	**Jan. 27, 1951 to current year**
02228000	**Satilla River at Atkinson**	**31° 13'16"**	**81° 52'03"**	**2,790**	**Mar. 21, 1930 to current year**
02228500	**North Prong St Marys River at Moniac**	**30° 31'03"**	**82° 13'50"**	**160**	**Feb. 1, 1921 to Dec. 31, 1923**
					Feb. 1, 1927 to Jun. 30, 1930
					Aug. 1, 1932 to Jun. 30, 1934
					Oct. 1, 1950 to current year
02231000	**St Marys River near Macclenny, FL**	**30° 21'31"**	**82° 04'54"**	**700**	**Oct. 1, 1926 to current year**
02231253	St Marys River near Gross, FL	30° 44'29"	81° 41'17"	1,360	Apr. 1, 1966 to May 31, 1975
					Oct. 1, 1980 to Sep. 30, 1983
					Oct. 1, 1984 to Aug. 31, 1990
02314500	**Suwannee River at Fargo**	**30° 40'50"**	**82° 33'38"**	**1,260**	**Jan. 28, 1927 to Dec. 9, 1931**
					Apr. 20, 1937 to current year
02316000	Alapaha River near Alapaha	31° 23'03"	83° 11'33"	663	Apr. 26, 1937 to Sep. 30, 1976
02317000	Alapaha River at May Day	30° 49'40"	83° 01'05"	1,300	Oct. 1, 1928 to Dec. 9, 1931
02317500	**Alapaha River at Statenville**	**30° 42'14"**	**83° 02'00"**	**1,400**	**Jan. 28, 1921 to Jun. 30, 1921**
					Dec. 10, 1931 to current year
02317748	Withlacoochee River near Bemiss	30° 57'24"	83° 16'12"	501	Oct. 13, 1976 to Dec. 31, 1981
023177483	**Withlacoochee River at McMillan Road, near Bemiss**	**30° 56'50"**	**83° 16'22"**	**502**	**Jun. 11, 1988 to current year**
02317755	Withlacoochee River at US 41, near Valdosta	30° 53'33"	83° 19'08"	537	Oct. 20, 1976 to Sep. 30, 1978
					Aug. 31, 1988 to Jan. 3, 1990

LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi^2)	Period(s) of record		
02317830	Little River near Lenox	31° 15'15"	83° 30'32"	208	May 1, 1967	to	Sep. 30, 1971
					Oct. 1, 1976	to	Sep. 30, 1978
02318000	Little River near Adel	31° 09'18"	83° 32'38"	577	Jun. 12, 1940	to	Sep. 30, 1971
02318500	**Withlacoochee River at US 84, near Quitman**	**30° 47'35"**	**83° 27'13"**	**1,480**	**Oct. 1, 1928**	**to**	**Dec. 11, 1931**
					Jun. 9, 1937	**to**	**May 31, 1948**
					Oct. 1, 1988	**to**	**May 7, 1992**
					Jun. 1, 1992	**to**	**current year**
02318700	**Okapilco Creek at GA 33, near Quitman**	**30° 49'32"**	**83° 33'45"**	**269**	**Dec. 21, 1979**	**to**	**current year**
02327500	**Ochlockonee River near Thomasville**	**30° 52'32"**	**84° 02'44"**	**550**	**Aug. 11, 1937**	**to**	**Jun. 30, 1971**
					Oct. 11, 2000	**to**	**current year**
02328000	Tired Creek near Cairo	30° 51'54"	84° 15'46"	60.0	Oct. 1, 1943	to	Feb. 29, 1948
					Apr. 26, 1948	to	Jun. 30, 1971
02329342	**Little Attapulgus Creek at Attapulgus**	**30° 44'08"**	**84° 29'49"**	**16.9**	**Nov. 15, 1991**	**to**	**current year**
02330450	**Chattahoochee River at Helen**	**34° 42'03"**	**83° 43'44"**	**44.7**	**May 5, 1981**	**to**	**current year**
02331000	Chattahoochee River near Leaf	34° 34'37"	83° 38'09"	150	Feb. 21, 1940	to	Sep. 30, 1971
02331500	Soque River near Demorest	34° 34'23"	83° 35'27"	156	Jul. 6, 1904	to	Jun. 30, 1909
					May 30, 1929	to	Dec. 25, 1931
					Mar. 27, 1940	to	Dec. 31, 1951
02331600	**Chattahoochee River near Cornelia**	**34° 32'27"**	**83° 37'14"**	**315**	**Aug. 21, 1957**	**to**	**current year**
02332000	King Branch near Alto	34° 27'05"	83° 36'45"	0.42	May 1, 1944	to	Sep. 30, 1948
02332830	West Fork Little River near Clermont	34° 24'55"	83° 49'18"	18.3	Feb. 1, 1993	to	Sep. 30, 1998
02333000	Chattahoochee River near Gainesville	34° 19'17"	83° 52'46"	559	Jun. 26, 1901	to	Sep. 27, 1902
					Dec. 28, 1902	to	Dec. 31, 1903
					Apr. 28, 1937	to	Feb. 29, 1956
02333500	**Chestatee River near Dahlonega**	**34° 31'41"**	**83° 56''23"**	**153**	**Jul. 8, 1929**	**to**	**Jan. 31, 1932**
					Apr. 1, 1940	**to**	**current year**
02334430	**Chattahoochee River at Buford Dam, near Buford**	**34° 09'25"**	**84° 04'44"**	**1,040**	**Oct. 1, 1971**	**to**	**current year**
02334480	**Richland Creek at Suwanee Dam Road, near Buford**	**34° 07'57"**	**84° 04'12"**	**9.35**	**Oct. 1, 1995**	**to**	**Jan. 6, 1997**
					May 17, 2001	**to**	**current year**
02334500	Chattahoochee River near Buford	34° 07'34"	84° 05'37"	1,060	Jan. 27, 1942	to	Sep. 30, 1971
02334578	**Level Creek at Suwanee Dam Road, near Suwanee**	**34° 05'47"**	**84° 04'47"**	**5.10**	**May 10, 2001**	**to**	**current year**
02334885	**Suwanee Creek near Suwanee**	**34° 01'56"**	**84° 05'22"**	**46.8**	**Oct. 1, 1984**	**to**	**current year**
02335000	**Chattahoochee River near Norcross**	**33° 59'50"**	**84° 12'07"**	**1,170**	**Jan. 1, 1903**	**to**	**Sep. 30, 1946**
					Oct. 1, 1956	**to**	**current year**
02335078	Johns Creek at Buice Road, near Warsaw	34° 00'58"	84° 12'40"	11.6	Apr. 1, 1994	to	Jan. 8, 1998
02335350	**Crooked Creek near Norcross**	**33°57'54"**	**84°15'54"**	**6.66**	**Mar. 22, 2001**	**to**	**current year**
02335450	**Chattahoochee River above Roswell**	**33° 59'09"**	**84° 18'58"**	**1,220**	**Jul. 7, 1976**	**to**	**current year**
02335500	Chattahoochee River near Roswell	34° 00'20"	84° 19'53"	1,230	Oct. 1, 1941	to	May 10, 1960
02335700	**Big Creek near Alpharetta**	**34° 03'02"**	**84° 16'10"**	**72.0**	**May 1, 1960**	**to**	**current year**
02335815	**Chattahoochee River blw Morgan Falls Dam, Sandy Springs**	**33° 58'05"**	**84° 22'58"**	**1,370**	**Oct. 9, 2001**	**to**	**current year**
02335830	Chattahoochee River at Johnson's Ferry Road, near Atlanta	33° 56'36"	84° 24'17"	1,380	Sep. 1, 1994	to	Jan. 11, 1998
02335870	**Sope Creek near Marietta**	**33° 57'14"**	**84° 26'36"**	**29.2**	**Oct. 1, 1984**	**to**	**current year**
02335912	Rottenwood Creek at I-285, at Atlanta	33° 53'30"	84° 27'33"	19.5	Oct. 1, 1995	to	Sep. 30, 1996
02336000	**Chattahoochee River at Atlanta**	**33° 51'33"**	**84° 27'16"**	**1,450**	**Aug. 1, 1928**	**to**	**Dec. 31, 1931**
					Oct. 1, 1936	**to**	**current year**
02336030	**North Fork Peachtree Creek at Graves Road, near Doraville**	**33° 54'20"**	**84° 13'30"**	**1.42**	**Jun. 8, 2001**	**to**	**current year**
02336300	**Peachtree Creek at Atlanta**	**33° 49'10"**	**84° 24'28"**	**86.8**	**Jun. 20, 1958**	**to**	**current year**
02336380	Nancy Creek at Randall Mill Road, at Atlanta	33° 51'35"	84° 25'28"	34.8	Oct. 1, 1963	to	Sep. 30, 1964
02336410	Nancy Creek at West Wesley Road, at Atlanta	33° 50'18"	84° 26'22"	37.7	Apr. 23, 1994	to	Jan. 11, 1998
02336490	**Chattahoochee River at GA 280, near Atlanta**	**33° 49'01"**	**84° 28'48"**	**1,590**	**Mar. 3, 1981**	**to**	**current year**
02336500	Chattahoochee River at Oakdale	33° 48'46"	84° 29'19"	1,600	Oct. 1, 1895	to	Aug. 31, 1903
					Nov. 1, 1903	to	May 31, 1904
02336529	Proctor Creek at Northwest Drive, near Atlanta	33° 47'57"	84° 29'13"	15.5	Apr. 27, 1995	to	Jan. 13, 1998
02336635	**Nickajack Creek at US 78/278, near Mableton**	**33° 48'11"**	**84° 31'12"**	**31.5**	**Oct. 1, 1995**	**to**	**current year**
02336700	South Utoy Creek Tributary at Headland Drive, at East Point	33° 41'25"	84° 28'05"	0.79	Oct. 1, 1963	to	Sep. 30, 1969
02336968	**Noses Creek at Powder Springs Road, near Powder Springs**	**33° 51'33"**	**84° 39'10"**	**44.5**	**Jul. 16, 1998**	**to**	**current year**
02337000	**Sweetwater Creek near Austell**	**33° 46'22"**	**84° 36'53"**	**246**	**May 18, 1904**	**to**	**Dec. 31, 1905**
					Mar. 24, 1937	**to**	**current year**
02337040	**Sweetwater Creek below Austell**	**33° 43'15"**	**84° 36'54"**	**262**	**Oct. 1, 2001**	**to**	**current year**
02337100	North Fork Camp Creek at Atlanta	33° 39'40"	84° 30'40"	5.25	Oct. 1, 1963	to	Sep. 30, 1969
02337160	Deep Creek at GA 70, near Tell	33° 39'52"	84° 38'26"	27.5	Oct. 1, 1995	to	Jan. 12, 1998
02337170	**Chattahoochee River near Fairburn**	**33° 39'24"**	**84° 40'25"**	**2,060**	**Jul. 6, 1965**	**to**	**current year**
02337320	Bear Creek at GA 70, near Rico	33° 36'17"	84° 44'54"	27.5	Apr. 28, 1995	to	Jan. 12, 1998
02337500	**Snake Creek near Whitesburg**	**33° 31'46"**	**84° 55'42"**	**35.5**	**Sep. 15, 1954**	**to**	**current year**
02338000	**Chattahoochee River near Whitesburg**	**33° 28'37"**	**84° 54'04"**	**2,430**	**Oct. 1, 1938**	**to**	**Jun. 30, 1954**
					Jan. 1, 1965	**to**	**current year**

LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi^2)	Period(s) of record
02338185	Wahoo Creek at Wagers Mill Road, near Sargent	33° 26'12"	84° 54'02"	29.7	Dec. 1, 1995 to Jan. 8, 1997
02338280	Whooping Creek at GA 5, near Whitesburg	33° 27'40"	84° 59'49"	26.4	Sep. 1, 1994 to Jan. 8, 1997
02338314	Plant Wangsley Outfall near Glenloch	33° 24'20"	85° 01'58"	25.5	Apr. 29, 1995 to Jan. 8, 1997
02338400	Centralhatchee Creek at US 27, near Franklin	33° 18'40"	85° 06'18"	57.7	Sep. 1, 1994 to Jan. 8, 1997
02338500	Chattahoochee River at Franklin	33° 16'45"	85° 06'00"	2,680	Jun. 1, 1928 to Oct. 31, 1931
					Oct. 1, 1938 to Sep. 30, 1939
					Oct. 1, 1957 to Sep. 30, 1959
02338523	**Hillabahatchee Creek at Thaxton Road, near Franklin**	**33° 20'26"**	**85° 13'37"**	**16.8**	**Dec. 13, 2001 to current year**
02338660	**New River near Corinth**	**33° 14'07"**	**84° 59'16"**	**127**	**Oct. 1, 1978 to current year**
02338840	Yellowjacket Creek near Hogansville	33° 08'22"	84° 58'31"	91.0	Oct. 1, 1978 to Sep. 30, 1985
02339000	Yellowjacket Creek near LaGrange	33° 05'27"	85° 03'40"	182	Jan. 20, 1951 to Mar. 31, 1971
02339500	**Chattahoochee River at West Point**	**32° 53'10"**	**85° 10'56"**	**3,550**	**Aug. 1, 1896 to current year**
02340000	Mill Creek near Warm Springs	32° 52'03"	84° 47'04"	0.87	Dec. 17, 1933 to Apr. 30, 1935
02340500	Mountain Oak Creek near Hamilton	32° 44'28"	85° 04'08"	61.7	Dec. 22, 1943 to Sep. 30, 1971
02341500	**Chattahoochee River at Columbus**	**32° 27'45"**	**84° 59'52"**	**4,670**	**Aug. 23, 1929 to current year**
02341505	**Chattahoochee River at US 280, near Columbus**	**33°27'11"**	**84°59'43"**	**4,670**	**Jan. 18, 2002 to current year**
02341800	**Upatoi Creek near Columbus**	**32° 24'48"**	**84° 49'12"**	**342**	**Apr. 1, 1968 to current year**
02342000	Upatoi Creek at Fort Benning	32° 22'35"	84° 56'40"	447	Oct. 1, 1942 to Dec. 31, 1947
02342850	Hannahatchee Creek at Union	32° 09'10"	84° 54'21"	121	Jun. 1, 1964 to Sep. 30, 1965
02343200	Pataula Creek near Lumpkin	31° 56'03"	84° 48'12"	70.0	Jun. 21, 1958 to Sep. 30, 1971
02343260	Chattahoochee River at Fort Gaines	31° 36'15"	85° 03'19"	7,570	Oct. 1, 1960 to Sep. 30, 1962
02343500	Chattahoochee River at Columbia, Ala.	31° 17'11"	85° 05'45"	8,040	Jul. 27, 1928 to Sep. 30, 1960
02343801	**Chattahoochee River near Columbia, AL**	**31° 15'33"**	**85° 06'37"**	**8,210**	**Oct. 1, 1975 to current year**
02343940	**Sawhatchee Creek at Cedar Springs**	**31° 10'40"**	**85° 02'37"**	**64.2**	**Jan. 18, 2002 to current year**
02344000	Chattahoochee River at Alaga, Ala.	31° 06'54"	85° 02'43"	8,340	May 1, 1938 to Dec. 31, 1944
					Oct. 1, 1960 to Sep. 30, 1970
02344300	Camp Creek near Fayetteville	33° 31'00"	84° 25'39"	17.2	Jun. 1, 1960 to Sep. 30, 1973
02344350	**Flint River near Lovejoy**	**33° 24'56"**	**84° 23'05"**	**130**	**May 7, 1985 to current year**
02344500	**Flint River near Griffin**	**33° 14'39"**	**84° 25'45"**	**272**	**Mar. 1, 1937 to current year**
02344700	**Line Creek near Senoia**	**33° 19'10"**	**84° 31'25"**	**101**	**Sep. 1, 1964 to current year**
02345000	Flint River near Molena	32° 59'21"	84° 31'45"	990	Oct. 1, 1945 to Jun. 30, 1953
02345500	Flint River near Woodbury	32° 57'59"	84° 31'58"	1,090	Apr. 1, 1900 to Sep. 30, 1920
02346180	Flint River near Thomaston	32° 50'20"	84° 25'27"	1,220	May 21, 1966 to Sep. 30, 1992
02346500	Potato Creek near Thomaston	32° 54'15"	84° 21'45"	186	Oct. 1, 1937 to Jun. 30, 1971
02347500	**Flint River near Culloden**	**32° 43'17"**	**84° 13'57"**	**1, 850**	**Jul. 1, 1911 to May 31, 1923**
					Jul. 21, 1928 to Dec. 31, 1931
					Mar. 18, 1937 to current year
02348500	Whitewater Creek near Butler	32° 28'02"	84° 15'59"	80.0	Oct. 1, 1943 to Sep. 30, 1951
02349000	Whitewater Creek below Rambulette Creek, near Butler	32° 28'00"	84° 15'58"	93.4	Oct. 1, 1951 to Sep. 30, 1971
02349500	**Flint River at Montezuma**	**32° 17'53"**	**84° 02'38"**	**2,900**	**Oct. 1, 1904 to Dec. 31, 1909**
					Jan. 1, 1911 to Dec. 31, 1912
					Jul. 1, 1930 to current year
02349900	**Turkey Creek at Byromville**	**32° 11'44"**	**83° 54'03"**	**45.0**	**Jun. 20, 1958 to current year**
02350000	Flint River near Vienna	32° 03'38"	83° 58'36"	3,390	Oct. 1, 1926 to Sep. 30, 1930
02350080	**Lime Creek near Cobb**	**32° 02'02"**	**83° 59'47"**	**61.8**	**Apr. 30, 1983 to Jan. 11, 1984**
					Mar. 1, 1993 to Feb. 21, 1996
					May 30, 2001 to current year
02350220	Gum Creek at Coney	31° 57'40"	83° 53'05"	73.0	Apr. 30, 1983 to Jan. 11, 1984
02350300	Cedar Creek near Cordele	31° 54'45"	83° 51'18"	34.0	Apr. 30, 1983 to Jan. 11, 1984
02350500	Flint River at Oakfield	31° 46'07"	83° 59'24"	3,860	Oct. 1, 1929 to Dec. 31, 1958
02350512	**Flint River at GA 32, near Oakfield**	**31° 43'30"**	**84° 01'07"**	**3,880**	**May 1, 1987 to current year**
02350600	Kinchafoonee Creek at Preston	32° 03'09"	84° 32'54"	197	Oct. 1, 1951 to Sep. 30, 1977
02350900	**Kinchafoonee Creek near Dawson**	**31° 45'52"**	**84° 15'12"**	**527**	**Mar. 7, 1985 to current year**
02351000	Kinchafoonee Creek near Leesburg	31° 43'10"	84° 11'08"	586	Apr. 1, 1906 to Dec. 31, 1909
02351500	**Muckalee Creek near Americus**	**32°04'59"**	**84°15'29"**	**140**	**May 31, 2001 to current year**
02351890	**Muckalee Creek at GA 195, near Leesburg**	**31° 46'34"**	**84° 08'22"**	**362**	**Dec. 15, 1979 to current year**
02352500	**Flint River at Albany**	**31° 35'39"**	**84° 08'39"**	**5,310**	**Oct. 1, 1901 to Jun. 30, 1921**
					Oct. 1, 1929 to current year
02353000	**Flint River at Newton**	**31° 18'34"**	**84° 20'06"**	**5,740**	**Apr. 1, 1938 to Sep. 30, 1945**
					Oct. 1, 1946 to Sep. 30, 1947
					Jan. 1, 1949 to Sep. 30, 1950
					Oct. 1, 1956 to current year
02353265	**Ichawaynochaway Creek at GA 37, near Morgan**	**31°31'37"**	**84°34'58"**	**301**	**May 31, 2001 to current year**
02353400	**Pachitla Creek near Edison**	**31° 33'17"**	**84° 40'43"**	**188**	**Jun. 9, 1959 to Sep. 30, 1971**
					Mar. 24, 1988 to current year
02353500	**Ichawaynochaway Creek at Milford**	**31° 22'58"**	**84° 32'52"**	**620**	**Sep. 1, 1905 to Dec. 31, 1907**
					Oct. 1, 1939 to current year

LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi^2)	Period(s) of record
02354000	Alligator Creek near Milford	31° 21'17"	84° 33'58"	14.0	Jan. 1, 1942 to May 31, 1952
02354410	**Chichasawhatchee Creek near Leary**	**31°30'13"**	**84°25'50"**	**157**	**Aug. 4, 2001 to current year**
02354500	**Chickasawhatchee Creek at Elmodel**	**31° 21'09"**	**84° 29'10"**	**320**	**Oct. 1, 1939 to Dec. 31, 1949**
					Jul. 28, 1995 to current year
02354800	**Ichawaynochaway Creek near Elmodel**	**31° 17'42"**	**84° 29'17**	**1,000**	**Apr. 15, 1995 to current year**
02355000	Ichawaynochaway Creek near Newton	31° 16'00"	84° 29'00"	1,020	Aug. 10, 1937 to Mar. 31, 1939
					Oct. 1, 1939 to Sep. 30, 1947
02355350	**Ichawaynochaway Creek below Newton**	**31° 12'48"**	**84° 28'24"**	**1,040**	**Apr. 15, 1995 to current year**
02355500	Big Cypress Creek near Milford	31° 15'15"	84° 36'18"	12.0	Jan. 1, 1942 to Dec. 31, 1949
02356000	**Flint River at Bainbridge**	**30° 54'41"**	**84° 34'48"**	**7,570**	**Oct. 1, 1907 to Dec. 31, 1913**
					Oct. 1, 1928 to Sep. 30, 1971
					Oct. 1, 2001 to current year
02356500	Long Branch near Damascus	31° 17'55"	84° 42'11"	18.0	Feb. 1, 1945 to Dec. 31, 1949
02356980	Aycocks Creek near Boykin	31° 05'11"	84° 44'12"	105	Mar. 1, 1993 to Sep. 30, 1995
02357000	**Spring Creek near Iron City**	**31° 02'23"**	**84° 44'18"**	**485**	**Jun. 11, 1937 to Apr. 30, 1971**
					Dec. 20, 1976 to Sep. 30, 1978
					Jun. 7, 1982 to current year
02379000	Cartecay River near Cartecay	34° 38'19"	84° 24'32"	86.4	Jul. 1, 1904 to Dec. 31, 1905
					Dec. 12, 1918 to Jun. 30, 1921
02379500	Cartecay River near Ellijay	34° 40'53"	84° 27'20"	134	Mar. 17, 1937 to Sep. 30, 1977
02380000	Ellijay River at Ellijay	34° 41'06"	84° 28'40"	87.7	May 4, 1907 to Dec. 31, 1907
					Dec. 10, 1918 to Jun. 30, 1921
					Feb. 26, 1953 to Sep. 30, 1969
02380500	**Coosawattee River near Ellijay**	**34° 40'18"**	**84° 30'31"**	**236**	**Oct. 1, 1938 to Dec. 31, 1949**
					Jun. 1, 1963 to current year
02381000	Mountaintown Creek near Ellijay	34° 45'00"	84° 33'25"	31.5	Oct. 1, 1939 to Dec. 31, 1942
02381500	Coosawattee River near Carters	34° 36'45"	84° 40'15"	374	Sep. 12, 1925 to Dec. 10, 1931
					Oct. 1, 1961 to Sep. 30, 1964
02381600	**Fausett Creek near Talking Rock**	**34° 34'17"**	**84° 27'55"**	**9.99**	**Oct. 1, 1974 to current year**
02381950	Scarecorn Creek above Hinton	34° 27'11"	84° 33'28"	6.4	Jul. 22, 1986 to Jan. 16, 1991
02382000	Scarecorn Creek at Hinton	34° 28'04"	84° 35'30"	21.3	Apr. 1, 1939 to Dec. 31, 1942
					May 1, 1959 to Sep. 30, 1974
					Aug. 1, 1986 to Apr. 2, 1991
02382200	**Talking Rock Creek near Hinton**	**34° 31'22"**	**84° 36'40"**	**119**	**Nov. 1, 1973 to current year**
02382300	Talking Rock Creek near Carters	34° 35'20"	84° 40'05"	142	Oct. 1, 1963 to Sep. 30, 1971
02382500	**Coosawattee River at Carters**	**34° 36'13"**	**84° 41'44"**	**521**	**Sep. 1, 1896 to Dec. 1, 1908**
					Dec. 21, 1918 to Sep. 30, 1923
					Oct. 1, 1961 to Sep. 7, 1972
					Oct. 1, 1974 to current year
02383000	Rock Creek near Fairmount	34° 21'32"	84° 46'46"	6.17	Oct. 1, 1951 to Sep. 30, 1974
02383500	**Coosawattee River near Pine Chapel**	**34° 33'51"**	**84° 49'59"**	**831**	**Nov. 11, 1938 to current year**
02384000	Conasauga River near Tennga	35°00'34"	84° 44'02"	108	May 27, 1929 to Dec. 31, 1931
					Oct. 1, 1943 to Dec. 31, 1947
02384500	**Conasauga River near Eton**	**34° 49'40"**	**84° 51'03"**	**252**	**Oct. 1, 1981 to current year**
02384540	**Mill Creek near Crandall**	**34° 52'19"**	**84° 43'17"**	**8.27**	**Jan. 30, 1985 to current year**
02385000	Coahulla Creek near Varnell	34° 53'43"	84° 55'15"	86.7	Oct. 1, 1939 to Dec. 31, 1942
02385500	Mill Creek at Dalton	34° 47'18"	84° 58'30"	40.1	Aug. 1, 1943 to Sep. 30, 1959
02385800	**Holly Creek near Chatsworth**	**34° 43'00"**	**84° 46'12"**	**64.0**	**Jun. 1, 1960 to current year**
02386000	Rock Creek at Ramhurst	34° 42'42"	84° 44'03"	16.5	Apr. 1, 1939 to Jun. 30, 1940
02386500	Drowning Bear Creek near Dalton	34° 43'30"	84° 56'12"	13.9	Apr. 1, 1939 to Jun. 30, 1940
02387000	**Conasauga River at Tilton**	**34° 40'00"**	**84° 55'42"**	**687**	**Jun. 5, 1937 to current year**
02387500	**Oostanaula River at Resaca**	**34° 34'42"**	**84° 56'29"**	**1,600**	**Nov. 1, 1892 to current year**
02388000	West Armuchee Creek near Subligna	34° 34'04"	85° 09'16"	36.4	Apr. 1, 1939 to Jun. 30, 1940
					May 1, 1960 to Apr. 27, 1982
02388300	Heath Creek near Rome	34° 21'57"	85° 16'17"	14.7	May 9, 1968 to Sep. 30, 1989
02388320	**Heath Creek near Armuchee**	**34° 22'18"**	**85° 15'50"**	**16.6**	**Mar. 2, 1982 to current year**
02388500	**Oostanaula River near Rome**	**34° 18'02"**	**85° 08'30"**	**2,120**	**Oct. 1, 1939 to current year**
02389000	Etowah River near Dawsonville	34° 22'57"	84° 03'21"	107	Mar. 20, 1940 to Sep. 30, 1976
02389300	Shoal Creek near Dawsonville	34° 25'13"	84° 08'47"	21.7	Jun. 1, 1958 to Sep. 30, 1974
02389500	East Amicalola Creek at Juno	34° 28'28"	84° 11'55"	28.5	Apr. 1, 1939 to Sep. 30, 1942
02390000	Amicalola Creek near Dawsonville	34° 25'32"	84° 12'43"	89.0	Apr. 1, 1939 to May 31, 1952
02390500	Long Swamp Creek near Ballground	34° 19'36"	84° 20'41"	76.6	Oct. 1, 1918 to Sep. 30, 1921
02391000	Etowah River near Ballground	34° 19'05"	84° 20'35"	477	Apr. 1, 1907 to Dec. 31, 1915
					Oct. 1, 1918 to Sep. 30, 1921
02391500	Sharp Mountain Creek near Ballground	34° 20'15"	84° 24'26"	63.8	Apr. 1, 1939 to Jun. 30, 1940
02392000	**Etowah River at Canton**	**34° 14'23"**	**84° 29'47"**	**613**	**Oct. 1, 1896 to Sep. 30, 1905**
					Oct. 1, 1936 to current year

LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi^2)	Period(s) of record
02392500	Little River near Roswell	34° 07'09"	84° 23'18"	60.0	Jan. 1, 1947 to Sep. 30, 1976
02392950	**Noonday Creek at Hawkins Store Road, near Woodstock**	**34°03'23"**	**84°32'08"**	**24.3**	**Jul. 14, 1998 to current year**
02392975	**Noonday Creek at Shallowford Road, near Woodstock**	**34°04'06"**	**84°32'08"**	**33.6**	**Jul. 14, 1998 to current year**
02394000	**Etowah River at Allatoona Dam, above Cartersville**	**34° 09'47"**	**84° 44'28"**	**1,120**	**Sep. 1, 1938 to current year**
02394950	Hills Creek near Taylorsville	34° 04'27"	84° 57'02"	25.0	May 21, 1959 to Sep. 30, 1974
02395000	Etowah River near Kingston	34° 12'24"	84° 58'44"	1,630	Jul. 8, 1928 to Dec. 31, 1931
					Oct. 1, 1936 to Oct. 23, 1995
02395120	**Two Run Creek near Kingston**	**34° 14'34"**	**84° 53'23"**	**33.1**	**May 2, 1980 to current year**
02395500	Dykes Creek near Rome	34° 15'30"	85° 05'01"	14.9	Jan. 1, 1939 to Dec. 31, 1942
02395980	**Etowah River at GA 1 Loop, near Rome**	**34° 13'56'**	**85° 07'01"**	**1,801**	**Oct. 1, 1994 to current year**
02396000	Etowah River at Rome	34° 15'26"	85° 09'30"	1,820	Aug. 1, 1904 to Jun. 30, 1921
					Oct. 1, 1938 to Sep. 30, 1994
02397000	**Coosa River near Rome**	**34° 12'01"**	**85° 15'24"**	**4,040**	**Oct. 1, 1896 to Dec. 31, 1903**
					Jun. 21, 1928 to Dec. 31, 1931
					Mar. 10, 1937 to Dec31, 1958
					Oct. 1, 1962 to current year
02397410	Cedar Creek at Cedartown	33° 59'45"	85° 15'53"	66.9	May 4, 1981 to Oct. 2, 1997
02397500	Cedar Creek near Cedartown	34° 03'38"	85° 18'41"	115	Oct. 1, 1942 to Sep. 30, 1973
02397830	Harrisburg Creek near Hawkins	34° 36'02"	85° 23'21"	13.3	Oct. 1, 1979 to Sep. 30, 1982
02398000	**Chattooga River at Summerville**	**34° 28'03"**	**85° 20'19"**	**192**	**Mar. 11, 1937 to current year**
02411800	Little River near Buchanan	33° 47'50"	85° 07'05"	20.2	Jun. 1, 1959 to Sep. 30, 1985
02413000	Little Tallapoosa River at Carrollton	33° 35'50"	85° 04'49"	95.1	Apr. 1, 1937 to Dec. 31, 1955
03544947	**Brier Creek near Hiawassee**	**34° 50'05"**	**83° 42'34"**	**1.67**	**May 25, 1984 to current year**
03545000	Hiawassee River at Presley	34° 54'17"	83° 43'01"	45.5	Dec. 1, 1941 to Mar. 31, 1982
03545500	Hightower Creek near Presley	34° 54'59"	83° 41'55"	32.4	Dec. 1, 1941 to Sep. 30, 1945
03550500	Nottely River near Blairsville	34° 50'28"	83° 56'10"	74.8	Jan. 23, 1942 to Mar. 31, 1982
03551000	Coosa Creek near Blairsville	34° 51'05"	83° 59'35"	21.1	Dec. 12, 1941 to Sep. 30, 1945
03551500	Youngcane Creek near Youngcane	34° 52'41"	84° 03'57"	27.6	Jan. 21, 1942 to Sep. 30, 1945
03552000	Ivylog Creek near Ivylog	34° 56'26"	84° 01'27"	16.7	Feb. 14, 1942 to Sep. 30, 1945
03552500	Nottely River near Ivylog	34° 55'32"	84° 03'39"	191	Oct. 1, 1936 to Jan. 31, 1942
03553500	Nottely River at Nottely Dam near Ivylog	34° 57'55"	84° 05'25"	215	Jul. 1, 1942 to Sep. 30, 1975
03558000	Toccoa River near Dial	34° 47'24"	84° 14'24"	177	Jan. 1, 1913 to Oct. 1, 1996
03559000	Toccoa River near Blue Ridge	34° 53'14"	84° 17'07"	233	Oct. 1, 1898 to Mar. 31, 1903
					Apr. 1, 1913 to Aug. 31, 1974
03560000	Fightingtown Creek at McCaysville	34° 58'53"	84° 23'12"	70.9	Nov. 1, 1942 to Sep. 30, 1971
03567129	Mill Creek near Cedar Grove	34° 42'57"	85° 25'59"	5.62	Jul. 24, 1986 to Mar. 31, 1988
03568500	Chattanooga Creek near Flintstone	34° 58'20"	85° 19'40"	50.6	Jan. 1, 1951 to Sep. 30, 1974
03568782	Hurricane Creek near Rising Fawn	34° 45'48"	85° 30'12"	4.28	Jul. 25, 1986 to May 31, 1987
03568933	**Lookout Creek near New England**	**34° 53'51"**	**85° 27'47"**	**149**	**Aug. 30, 1979 to current year**
03569000	Lookout Creek near Wildwood	34° 57'22"	85° 24'12"	165	Aug. 7, 1945 to Feb. 28, 1946
					Apr. 1, 1946 to Aug. 15, 1946

CONVERSION FACTORS

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^{1}	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^{0}	kilometer
Area		
acre	4.047×10^{3}	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi^2)	2.590×10^{0}	square kilometer
Volume		
gallon (gal)	3.785×10^{0}	liter
	3.785×10^{0}	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^{3}	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft^3)	2.832×10^{1}	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft^3/s) d]	2.447×10^{3}	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^{3}	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
Flow		
cubic foot per second (ft^3/s)	2.832×10^{1}	liter per second
	2.832×10^{1}	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^{1}	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
Mass		
ton (short)	9.072×10^{-1}	megagram or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$°F = (1.8 \times \times C) + 32$$

CALENDAR FOR WATER YEAR 2002

2001

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2002

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					