

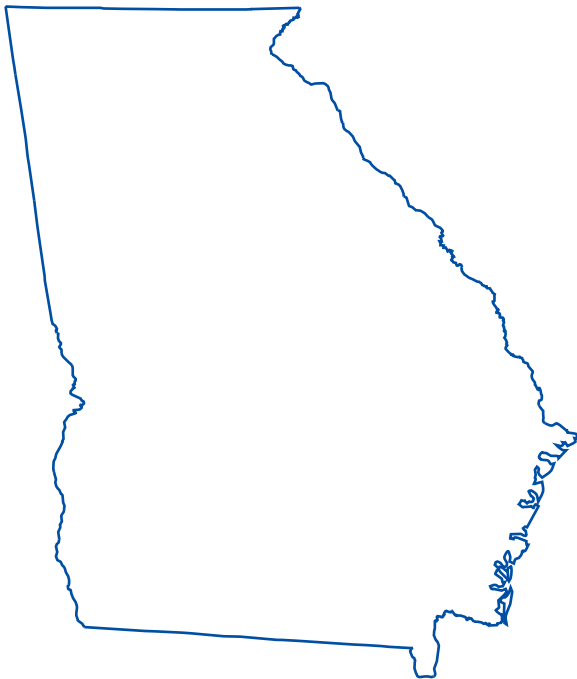
# Water Resources Data – Georgia, 2001

Volume 1: Continuous water-level, streamflow,  
water-quality data, and periodic water-quality data,  
Water Year 2001

Water-Data Report GA-01-1

**Compilers:** S. Jack Alhadeff and Brian E. McCallum

**Authors:** Brian E. McCallum, John F. Kerestes, and Andrew C. Hickey



# Water Resources Data–Georgia, 2001

**Volume 1: Continuous water-level, streamflow,  
water-quality data, and periodic water-quality data,  
Water Year 2001**

*Compilers:* S. Jack Alhadeff and Brian E. McCallum

*Authors:* Brian E. McCallum, John F. Kerestes, and Andrew C. Hickey

---

U.S. GEOLOGICAL SURVEY

Water-Data Report GA-01-1

Prepared in cooperation with the  
State of Georgia and other agencies



Atlanta, Georgia  
2002

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

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

For information on the water program in Georgia, write to:

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

## 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:

Daniel V. Alhadeff	Lacey F. Jackson
Robert J. Allen	Stephen H. Jones
Paul D. Ankcorn	John K. Joiner
George A. Bailey	Bejane' Kareem
Nancy L. Barber	Kerri A. Keating
Brooke M. Beam	Mark N. Landers
William P. Bennett	John M. McCranie
Gary R. Buell	Jose Mundo III
Daniel L. Calhoun	Ronald T. Nichols
Christian E. Cloran	Jessica M. Ogden
Brian L. Cochran	Craig E. Oberst
Kevin M. Craley	Howard H. Persinger, Jr.
Donald D. Dowling	Timothy K. Pojunas
Arthur C. Day	Mark E. Reynolds
Thomas R. Dyar	Tim S. Shiver
James D. Everett	Akopian N. Smith
J. Darryl Everett	Chris A. Smith
Elizabeth A. Frick	Charles G. Somerindyke
Jonathan M. Freitag	Timothy C. Stamey
Stephanie A. Gillain	Samuel R. Stafford
Fred C. Gozzi	Welby L. Stayton
Anthony J. Gotvald	Bradley L. Weeber
M. Brian Gregory	Blaine T. White
O. Gary Holloway	Lance J. Wilhelm
Evelyn H. Hopkins	Caryl J. Wipperfurth
Eric Hurst	

This report was prepared in cooperation with the State of Georgia and with other agencies under the general supervision of Edward H. Martin, District Chief, Georgia.

## SPECIAL THANKS

Every once in a while, a person comes along and helps radically change the way you do things. It is especially good when that change is in a positive direction for both your organization and its partners. In this case, this person is a high-school student who has revolutionized the way the USGS-Georgia District presents the hydrologic data it collects every year in this “Water Resources for Georgia” data cd-report. Initially as a volunteer-for-science, Daniel Alhadeff, with direction from a design team of USGS personnel, has helped create a user-friendly cd-report that delivers much more data in a GIS-type interactive display. His efforts with the 1999-2001 cd-reports have raised the bar for data presentation in the USGS and have gained much recognition across the country. Thanks Daniel for a job well done!



Daniel Alhadeff inspecting the gage at Chattahoochee River at Helen, GA

## 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 (DNR), <i>Lonice C. Barrett, Commissioner</i>	City of Valdosta
Georgia Department of Transportation (DOT), <i>Tom Coleman, Commissioner</i>	City of Winder
Georgia Department of Agriculture (DOA), <i>Tommy Irvin, Commissioner</i>	Albany Water, Gas, and Light Commission
Bibb County	Albany-Dougherty Planning Commission
Glynn County	Atlanta Regional Commission
Gwinnett County	Cherokee County Water and Sewerage Authority
City of Albany	Clayton County Water Authority
City of Attapulgus	Cobb County Water System
City of Blairsville	Dalton Utilities
City of Brunswick	Fayette County Water System
City of Covington	Henry County Water and Sewerage Authority
City of East Point	Macon-Bibb County Water and Sewerage Authority
City of Griffin	Monroe Water, Light and Gas Commission
City of Helena	Polk County Water, Sewage, and Solid Waste Authority
City of Macon	University of Georgia Marine Institute
City of Springfield	Suwannee River Water Management District
City of Summerville	Chattooga County Commission
City of Thomaston	Rockdale County Department of Water Resources
	Upper Oconee Water Authority

Assistance in the form of funds and/or services was given by the following Federal agencies:

U.S. Army Corps of Engineers (USACE)  
U.S. Department of Agriculture (USDA), Agricultural Research Service (ARS)  
U.S. Department of Agriculture (USDA), U.S. Forest Service (USFS)  
U.S. Environmental Protection Agency (USEPA)  
U.S. Department of the Interior (DOI), National Park Service (NPS)  
U.S. Department of Commerce (USDC), National Oceanic and Atmospheric Administration (NOAA),  
National Weather Service (NWS)  
Tennessee Valley Authority (TVA)  
Centers for Disease Control and Prevention (CDC)

The following organizations aided in collecting records:

Southern Company  
Oglethorpe Power Company  
Crisp County Power Commission  
Temple-Inland Forest Corporation



## CONTENTS

Acknowledgements . . . . .	iii
Special Thanks . . . . .	iv
Cooperation . . . . .	v
Contents . . . . .	vii
Introduction . . . . .	1
Summary of Hydrologic Conditions . . . . .	18
Definition of Terms . . . . .	21
Publications on Techniques of Water Resources Investigations (TWRI)	33
Station Records (water year), by Major River Basin . . . . .	38
Savannah River Basin . . . . .	39
Ogeechee River Basin . . . . .	163
Altamaha River Basin . . . . .	194
Brunswick River Basin . . . . .	438
Satilla River Basin . . . . .	448
St Marys River Basin . . . . .	463
Suwannee River Basin . . . . .	468
Ochlockonee River Basin . . . . .	517
Apalachicola River Basin . . . . .	529
Mobile River Basin . . . . .	844
Tennessee River Basin . . . . .	1028
Miscellaneous Ground-Water-Quality Records (water year) . . . . .	1041
List of active and discontinued gaging stations . . . . .	1105





## INTRODUCTION

Water resources data for the 2001 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 2001, including: discharge records of 133 gaging stations; stage for 144 gaging stations; precipitation for 58 gaging stations; information for 19 lakes and reservoirs; continuous water-quality records for 17 stations; the annual peak stage and annual peak discharge for 76 crest-stage partial-record stations; and miscellaneous streamflow measurements at 27 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 2001, including continuous water-level records of 159 ground-water wells and periodic records at 138 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-01-1." 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 Bench-Mark Network* is a network of 53 sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing

basis to compare and contrast conditions observed in basins more obviously affected by the activities of man.

*National Stream Quality Accounting Network* (NASQAN) is a nationwide data-collection network designed by the U.S. Geological Survey to meet many of the information needs of government agencies and other groups involved in national or regional water-quality planning and management. The 142 sites in the NASQAN are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council. The objective of NASQAN is to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis and reporting such that the data may be used (1) for the description of the areal variability of water quality in the Nation's rivers through the analysis of data from this and other programs, (2) for the detection of changes or trends with time in the pattern of occurrence of water-quality characteristics, and (3) to provide a nationally consistent data base useful for water-quality assessment and hydrologic research.

*NASQAN* was redesigned in 1995 and will be known as *NASQAN II* beginning in 1996. *NASQAN II* will focus on four of the largest river basins in the Nation-- the Mississippi, the Columbia, the Colorado, and the Rio Grande. The objective of *NASQAN II* 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.

*National Trends Network* (NTN) is a 150-station network for sampling atmospheric deposition in the United States. The purpose of the network is to determine the variability, both in location and in time, of the composition of wet atmospheric deposition, which includes snow, rain, sleet and hail. The core from which the NTN was built was the already-existing deposition-monitoring network of the National Atmospheric Deposition Program (NADP).

*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, diverse, and geographically distributed part of the Nation's ground- and surface-water resources, and to identify, describe, and explain the major natural and human factors that affect these observed conditions and trends.

Assessment activities have begun in about two-thirds of the study units and ultimately will be conducted in 60 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.

*Radiochemical program* is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

*Tritium network* is a network of stations that has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States.

### **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 indentation 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.)

INSTANTANEOUS PEAK FLOW.--The maximum instantaneous discharge occurring for the water year or for the designated period. Note that the secondary instantaneous peak discharges above a selected base discharge are stored in District computer files for stations meeting certain criteria. Those discharge values may be obtained by writing to the District Office. (See address on back of title page of this report.)

INSTANTANEOUS PEAK STAGE.--The maximum instantaneous stage occurring for the water year or for the designated period. If the dates of occurrence for the instantaneous peak flow and instantaneous peak stage differ, 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 ft<sup>3</sup>/s; to the nearest tenth between 1.0 and 10 ft<sup>3</sup>/s; to the nearest whole numbers between 10 and 1,000 ft<sup>3</sup>/s; and to 3 significant figures for values more than 1,000 ft<sup>3</sup>/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 remark codes that may appear with the water-quality data in this report are as follows:

#### PRINTED OUTPUT REMARK

- E Estimated value.
- > Actual value is known to be greater than the value shown.
- < Actual value is known to be less than the value shown.
- & Biological organism estimated as dominant.
- D Biological organism count equal to or greater than 15 percent (dominant).
- K Results based on colony count outside the acceptance range (non-ideal colony count).
- L Biological organism count less than 0.5 percent (Organism may be observed rather than counted).
- V Analyte was detected in both the environmental sample and the associated blanks.

## 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 7 1/2-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 7 1/2-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 2001 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 2000 to September 2001, v. 104, no. 10 to v. 105, no. 9*. The nine divisions in these publications were averaged to three main regions—north, central, and south. 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.

For the 2001 water year, the average total precipitation Statewide was 47.45 inches, which represents a deficit of 4.10 inches. The northern region recorded the highest average precipitation deficit of 4.73 inches, and the eastern side of this region recorded a deficit of 12.81 inches. The State overall was considered having moderate to extreme drought conditions throughout the 2001 water year, even though significant precipitation occurred during the year at various locations. The four index gages varied between above-normal to below-normal mean streamflow conditions during the water year because of these isolated precipitation events. Normal streamflow conditions represent the 25–75 percentile range of historical mean streamflow.

During October, 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.

For November, all regions recorded above normal precipitation totals with an average rainfall surplus of 1.26 inches. Three of the index streamflow gages were at or near the below-normal range. The Alapaha River at Statenville gage recorded almost 200 percent of normal streamflow for the month of November.

For December, below-normal precipitation returned across the State. All regions recorded a minimum of a 0.25-inch deficit, and the north region was 2.32 inches below normal. The Etowah River at Canton streamgage reflected below-normal streamflow having a monthly average streamflow that was 49 percent of normal.

During January and February, below-normal precipitation amounts continued in all regions of the State, with the south region recording a deficit of 6.19 inches in this period. None of the index streamflow stations approached their recorded historical mean streamflows. The Altamaha River at Doctortown streamgage recorded 25 percent of the historical mean streamflow in February.

The month of March had higher precipitation conditions, especially in the central and southern areas of the State. The central region recorded a surplus of 4.87 inches. The Altamaha River at Doctortown streamgage recorded a monthly average streamflow that was 120 percent of normal and the Alapaha River at Statenville streamgage recorded streamflows over 140 percent of normal. Streamflows from the other two index stations also were significantly higher during March.

During April and May, precipitation returned to below normal in all areas of Georgia. Streamflows were decreasing from the high levels in early April due to the heavy rains in late March. By May, all four index stations recorded below-normal streamflows.

During June, significant rainfall returned with an average of 2.86 inches of precipitation occurring across all regions. The Culloden and Doctortown streamgages recorded above-normal streamflow conditions of more than 140 percent during June. The Canton and Statenville gages recorded normal streamflow amounts.

For July and August, all regions recorded below-normal precipitation amounts; however, the north region averaged 6.73 inches in July, which was 1.71 inches above normal. Three of the index streamflow stations were still recording normal streamflow conditions due to the heavy rains in June. Only the Flint River at Culloden streamgage was in the below-normal range.

In the month of September, dry conditions returned to the north and central areas of Georgia, while the southern area recorded an average precipitation total of 5.29 inches, which was 1.56 inches above normal. All but the Statenville index streamflow gages were in the below-normal range.

### **Ground-Water**

Water-level change between the 2000 and 2001 calendar years were compared using data from selected wells in the statewide ground-water-monitoring network. The comparison is based on subtracting 2001 mean-annual water levels from the 2000 mean-annual water levels. Positive water-level changes indicate water-level rise and negative changes indicate water-level decline. Mean-annual water levels were computed only for those wells having less than 30 days of missing record; thus, water-level changes were not reported in all wells either in the statewide network or for wells in this report.

Water-level change is reported for 159 wells. Water levels in two wells that tap aquifers in the Valley and Ridge Province of Georgia show a water-level rise. Water levels in nine wells that tap aquifers in the Piedmont Province of Georgia show a water-level rise in six wells and a water-level decline in three wells. Water levels in 148 wells that tap aquifers in the Coastal Plain Province of Georgia show a water-level rise in 105 wells and a water-level decline in 43 wells.

### **Water-Quality**

Continuing chemical-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 Alabama, Coosa, and Tennessee River basins during the 2001 calendar year. Twelve samples were collected monthly at each of 48 "core" stations, which are long-term stations located across the State, some of which are located in the basins noted above. This report contains data collected during the 2001 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 5,668 million gallons per day (Mgal/d) in 2000. Eighteen thermoelectric plants, the largest water users in Georgia, withdrew about 3,672 Mgal/d in 2000, mostly from surface-water sources. Permitted withdrawals by public-supply systems totaled about 1,279 Mgal/d, of which about 82 percent were from surface-water sources. Permitted withdrawals by industrial and commercial users totaled about 720 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

Acre-foot (AC-FT, acre-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.

Adenosine triphosphate (ATP) is an organic, high-energy phosphate-bond containing compound used by living cells as an energy source for biochemical reactions. Its central role in living cells makes it an excellent indicator of the presence of living material in water. A measure of ATP therefore provides a sensitive and rapid estimate of biomass. ATP is reported in micrograms per liter of the original water sample.

Algae are mostly aquatic unicellular, colonial, or multicellular plants, which contain chlorophyll and other pigments.

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.

Alkalinity is a measure of the proton-accepting capacity of a solution. This property is also referred to as its "acid-neutralizing capacity", and is equal to the sum concentration of all proton acceptors in the solution or the total strong base concentration. Total alkalinity is operationally defined as the alkalinity neutralized by titration with a strong acid to the carbonic acid equivalence point.

Aquifer is a geologic formation; group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rod like, or spiral and threadlike in shape, and often clumped into colonies. Some bacteria cause disease, while 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.

Total coliform bacteria are a group of bacteria used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria, which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as all the organisms which produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35°C +/- 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

## DEFINITION OF TERMS—continued.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all organisms which produce blue colonies within 24 hours when incubated at 44.5°C +/- 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.

Fecal streptococcal bacteria are bacteria also found in intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria, which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms, which produce red or pink colonies within 48 hours at 35°C +/- 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.

Bed material is the sediment mixture of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

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 the mass per unit area or volume of habitat.

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. The ash mass values of zooplankton and phytoplankton are expressed in grams per cubic meter (g/m<sup>3</sup>), and periphyton and benthic organisms in grams per square meter (g/m<sup>2</sup>).

Dry mass refers to the mass of residue present after drying in an oven at 105°C for zooplankton and periphyton, 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.

Organic mass or volatile mass of the living substance is the difference between dry mass and ash mass, and represents the actual mass of the living matter. The organic mass is expressed in the same units as ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Cells/volume refers to the number of cells of any organism, which is counted by using a microscope and grid, or counting cell. Many plankton organisms are multi-celled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

## DEFINITION OF TERMS—continued.

Cfs-day is the volume of water represented by flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 2,447 cubic meters, approximately 1.9835 acre-feet, or about 646,000 gallons.

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 natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments in most plant tissue. Chlorophyll a and b are the two most common pigments in plants.

Collector efficiency is a measure of the quantity of wet precipitation (usually rain) collected by a precipitation collector relative to that which actually fell from the atmosphere. Operationally, this measure is taken as the ratio of rain volume in the precipitation collector to rain volume measured by a recording rain gage.

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

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.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure 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 ( $\text{ft}^3/\text{s}$ , or CFS) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Cubic feet per second per square mile [ $(\text{ft}^3/\text{s})/\text{mi}^2$  or CF5M] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment) that passes a given point within a given period of time.

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

Instantaneous discharge is the discharge at a particular instant of time.



## DEFINITION OF TERMS—continued.

Annual 7-day minimum is 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.)

Dissolved is that material in a water sample which passes through a 0.45 mm membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on sub samples of the filtrate.

Dissolved-solids concentration of water 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 of dissolved solids, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. Therefore, in the mathematical calculation of dissolved-solids concentration, the bicarbonate value, in milligrams per liter, is multiplied by 0.492 to reflect the change.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river from upstream specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

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

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent concentration of calcium carbonate (CaCO<sub>3</sub>).

Hydrologic Bench-Mark Network is a network of 53 sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by the activities of man.

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

## DEFINITION OF TERMS—continued.

Land-surface datum (lsd) is a reference plane that is approximately at land surface at a well from which depth or height to water surface is measured.

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

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.

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 (mg/g) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

Micrograms per liter (mG/L, mg/L) is a unit expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of solution. One thousand micrograms per liter is equivalent to one milligram per liter.

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

National Geodetic Vertical Datum of 1929 (NGVD of 1929 or NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

National Stream-Quality Accounting Network (NASQAN) is a nationwide data-collection network designed by the U.S. Geological Survey to meet many of the information needs of government agencies and other groups involved in national or regional water-quality planning and management. The 500 or so sites in NASQAN are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council. The objectives of NASQAN are (1) to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis and reporting such that the data may be used for, (2) description of the areal variability of water quality in the Nation's rivers through analysis of data from this and other programs (3) detection of changes or trends with time in the pattern of occurrence of water-quality characteristics, and (4) providing a nationally consistent data base useful for water-quality assessment and hydrologic research.

## DEFINITION OF TERMS—continued.

National Trends Network (NTN) is a 150-station network for sampling atmospheric deposition in the United States. The purpose of the network is to determine the spatial and temporal variability of the composition of atmospheric deposition, which includes snow, rain, dust particles, aerosols, and gases. The core from which the NTN was built was the already-existing deposition-monitoring network of the National Atmospheric Deposition Program (NADP).

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, diverse, and geographically distributed part of the Nation's ground- and surface-water resources, and to identify, describe, and explain the major natural and human factors that affect these observed conditions and trends.

Organism is any living entity.

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per unit area habitat, usually square meter (m<sup>2</sup>), 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.

Total organism count is the total number of organisms collected and enumerated in any particular sample.

Parameter Code is a 5-digit number used in the U.S. Geological Survey computerized data system, WATSTORE, to uniquely identify a specific variable. The codes used in WATSTORE are mostly the same as those used in the U.S. Environment Protection Agency data system, STORET. The Environmental Protection Agency assigns and approves all requests for new codes.

Partial-record station is a particular site where limited streamflow and(or) water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) 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 used in this report agrees with recommendations 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	.004 - .062	Sedimentation
Sand	.062 - 2.0	Sedimentation or sieve
Gravel	2.0 - 64.0	Sieve

## DEFINITION OF TERMS—continued.

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic material 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.

Percent composition 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, mass, or volume.

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

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

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

Plankton is the community of suspended, floating, or weakly swimming organism that lives in the open water of lakes and rivers.

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 are commonly known as algae.

Blue-green algae 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

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.

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

## DEFINITION OF TERMS—continued.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column, and are often 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. Small crustaceans and rotifers dominate the zooplankton community.

Primary productivity is a measure of the rate at which new organic matter is formed and accumulated through photosynthetic 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 by the plants (carbon method).

Milligrams of carbon per area or volume per unit time [mg C/(m<sup>2</sup>.time)] for periphyton and macrophytes and mg C/(m<sup>3</sup>.time)] for phytoplankton are units for expressing primary productivity. They define 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 in unenriched waters. Unit time may be either hour or day, depending on the incubation period.

Milligrams of oxygen per area or volume per unit time [mg O<sub>2</sub>/(m<sup>2</sup>.time)] for periphyton and macrophytes and mg O<sub>2</sub>/(m<sup>3</sup>.time)] for phytoplankton are the units for expressing primary productivity. They define 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 hour or day, depending on the incubation period.

Radiochemical program is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

Recoverable from bottom material is the amount of a given constituent 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 only 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.

Return period is the average time interval between occurrences of a hydrological event of a given or greater magnitude, usually expressed in years. May also be called recurrence interval.

Runoff in inches (IN, in) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

## DEFINITION OF TERMS—continued.

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it 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 influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Bed load is the sediment that is transported in a stream by rolling, sliding, or skipping along the bed and close to it. In this report bed load is considered to consist of particles in transit within 0.25 ft of the streambed.

Bed load discharge (tons per day) is the quantity of bed load measured by dry weight that moves past a section as bed load in a given time.

Suspended sediment is the sediment that, at any given time, is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

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 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour day.

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume that passes a section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft<sup>3</sup>/s) x 0.0027.

Suspended-sediment load is a general term that refers to material in suspension. It is not synonymous with either discharge or concentration.

Total-sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry mass or volume that passes a section during a given time. Total-sediment load or total load is a term, which refers to the total sediment (bed load plus suspended-sediment load) that is in transport. It is not synonymous with total-sediment discharge.

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. Waters range in respect to sodium hazard from those, which can be used for irrigation on almost all soils to those, which are generally unsatisfactory for irrigation.

## DEFINITION OF TERMS—continued.

Solute is any substance that is dissolved in a solvent (such as water).

Specific conductance is a measure of the ability of a water solution to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same stream with changes in the composition of the water.

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

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.

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

Artificial substrate is a device, which 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 taken. 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 Plexiglas strips for periphyton.

Surface area of a lake is that area outlined on the latest U.S. Geological Survey topographic map as the boundary of the lake and measured by a planimeter. In localities not covered by topographic maps, the areas are computed the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

Surficial bed material is that part (0.1 to 0.2 ft) 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 associated with the material retained on 0.45-micrometer filter.

## DEFINITION OF TERMS—continued.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 mm 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 would be 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 analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentration of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45 mm membrane filter. 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 determine when the results should be reported as "suspended, total."

Determinations of "suspended, total" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determination of (1) dissolved and (2) total concentration of the constituent.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical 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	Animalia
Phylum	Arthropoda
Class	Insecta
Order	Ephemeroptera
Family	Ephemeridae
Genus	Hexagenia
Species	Hexagenia limbata

Thermograph is an instrument that continuously records variations of temperature on a chart. The more general term "temperature recorder" is used in the table headings 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 that would be contained in a vessel or reservoir that had received equal quantities of water from the stream each day for the year.

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration of the constituent, in milligrams per liter, by 0.00136.



## DEFINITION OF TERMS—continued.

Tons per day (T/DAY) is the quantity of substance in solution or suspension that passes a stream section during a 24-hour period.

Total is the total amount of a given constituent in a representative water-suspended sediment 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" indicates that the sample consists of a water-suspended sediment mixture and that the analytical method determines the entire constituent in the sample.)

Total discharge is the total quantity of any individual constituent, as measured by dry mass or volume that passes through a stream cross-section per unit of time. This term needs to be qualified, such as "total sediment discharge," and so on.

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment 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, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Tritium Network is a network of stations that has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States.

Water year in Geological Survey 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, 1980, is called the "1980 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, thoroughly mixed, in a reservoir containing all the water passing a given location during the water year.

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

## PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

The U.S. Geological Survey publishes a series of manuals describing procedures for planning and conducting specialized work in water-resources investigations. The material 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. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

The reports listed below are for sale by the U.S. Geological Survey, Branch of Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be sent by check or money order payable to the U.S. Geological Survey. Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations."

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, Chapter D1. 1975. 65 pages.

1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.

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, Chapter D1. 1974. 116 pages.

2-D2. *Application of seismic-refraction techniques to hydrologic studies*, by F. P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.

2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L.M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.

2-E2. *Borehole geophysics applied to ground-water investigations*, by W. S. Keys: USGS--TWRI Book 2, Chapter E2. 1990. 150 pages.

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, Chapter F1. 1989. 97 pages.

3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.

3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.

3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.

3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.

## **PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS-continued.**

- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
- 3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
- 3-A7. *Stage measurement at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
- 3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.
- 3-A9. *Measurement of time of travel in streams by dye tracing*, by F. A. Kilpatrick and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1989. 27 pages.
- 3-A10. *Discharge ratings at gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.
- 3-A11. *Measurement of discharge by the moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
- 3-A12. *Fluorometric procedures for dye tracing*, Revised, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 34 pages.
- 3-A13. *Computation of continuous records of streamflow*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.
- 3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.
- 3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.
- 3-A16. *Measurement of discharge using tracers*, by F. A. Kilpatrick and E. D. Cobb: USGS--TWRI Book 3, Chapter A16. 1985. 52 pages.
- 3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.
- 3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F. A. Kilpatrick, R. E. Rathbun, Nobuhiro Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.
- 3-A19. *Levels at streamflow gaging stations*, by E.J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 31 pages.

## **PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS-continued.**

- 3-A20. *Simulation of soluble waste transport and buildup in surface waters using tracers*, by F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A20. 1993. 38 pages.
- 3-A21. *Stream-gaging cableways*, by C. Russell Wagner: USGS--TWRI Book 3, Chapter A21. 1995. 56 pages.
- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G. D. Bennett: USGS-- TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 3-B4. *Supplement 1. Regression modeling of ground-water flow - Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by R. L. Cooley: USGS--TWRI Book 3, Chapter B4. 1993. 8 pages.
- 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, Chapter B5. 1987. 15 pages.
- 3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.
- 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, Chapter B7. 1992. 190 pages.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
- 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
- 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.

## **PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS-continued.**

- 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
- 4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
- 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, Chapter A1. 1989. 545 pages.
- 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
- 5-A3. *Methods for the determination of organic substances in water and fluvial sediments*, edited by R. L. Wershaw, M. J. Fishman, R. R. Grabbe, and L. E. Lowe: USGS--TWRI Book 5, Chapter A3. 1987. 80 pages.
- 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, Chapter A4. 1989. 363 pages.
- 5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L.L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.
- 5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments*, by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.
- 5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
- 6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M. G. McDonald and A. W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.
- 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, Chapter A2. 1991. 68 pages.
- 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, Chapter A3. 1993. 136 pages
- 6-A4. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 2: Derivation of finite-element equations and comparisons with analytical solutions*, by R. L. Cooley: USGS--TWRI Book 6, Chapter A4. 1992. 108 pages.

## **PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS-continued.**

6-A5. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 3: Design philosophy and programming details*, by L. J. Torak: USGS--TWRI Book 6, Chapter A5, 1993. 243 pages.

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, Chapter C1. 1976. 116 pages.

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, Chapter C2. 1978. 90 pages.

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, Chapter C3. 1981. 110 pages.

8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.

8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.

8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

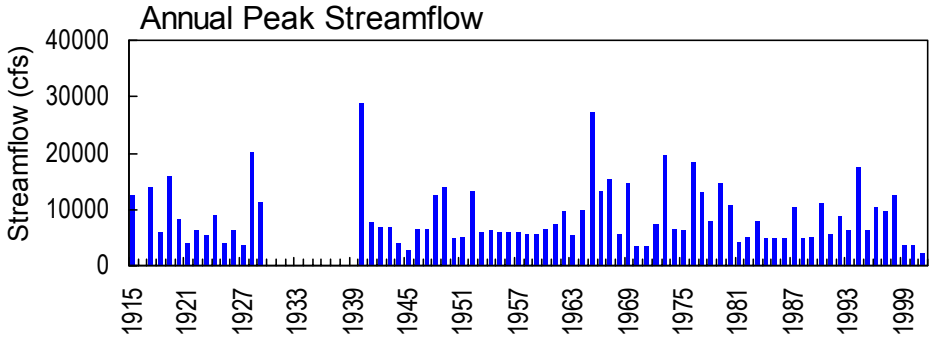
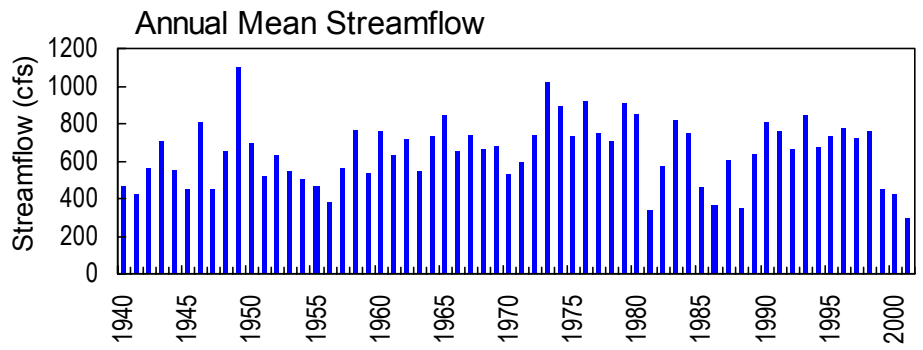
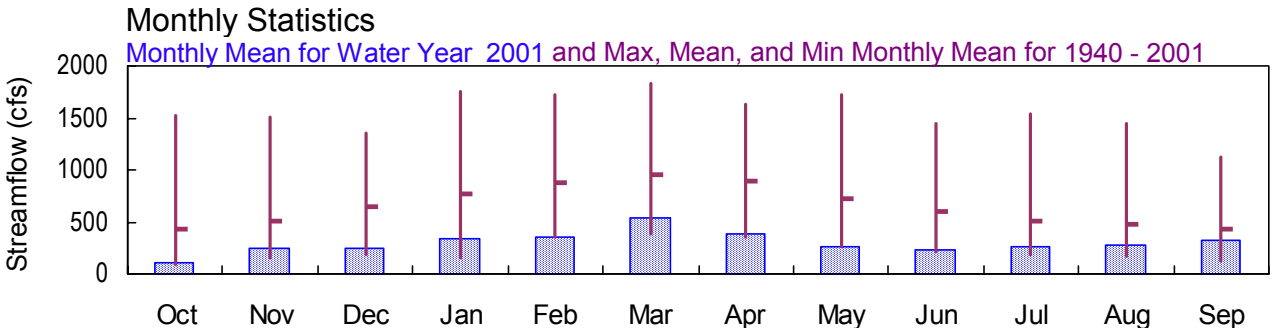
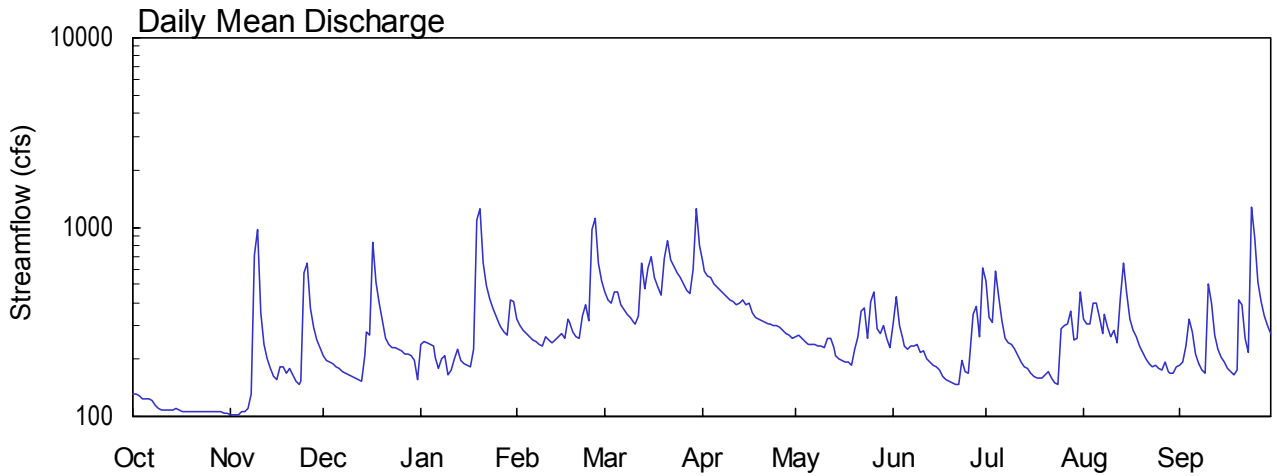
Station Records (water year),  
by major river basin

# SAVANNAH RIVER BASIN

## 2001 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<sup>2</sup> Datum: 1166 feet Period of Record: 1940 - 2001





**SAVANNAH RIVER BASIN  
2001 Water Year**

**02177000 CHATTOOGA RIVER NEAR CLAYTON, GA**

**LOCATION.**--Lat 34°48'50", long 83°18'22", Oconee County, SC-Rabun County, GA, Hydrologic Unit 03060102, on left bank 150 feet downstream from bridge on US Highway 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<sup>2</sup>.

**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 sea level. May 1907 to June 1908, a non-recording gage was located at site 400 feet upstream at different datum.

**REMARKS.**--Records good, except for the period of estimated record, which is poor. 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Sep. 24	1415	2,350*	3.26

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 water stage recorder. Datum of gage is 1,165.6 feet above sea level. May 1907 to June 1908, a non-recording gage was located at site 400 feet upstream at different datum.

**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, 3.26 feet, September 24; minimum gage-height recorded, 0.81 feet, December 31.

STATION NUMBER 02177000 CHATTOOGA RIVER NEAR CLAYTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344850 LONGITUDE 0831822 DRAINAGE AREA 207 DATUM 1165.6 STATE 45 COUNTY 073

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	132	102	210	241	330	458	656	266	306	519	327	187
2	130	101	198	248	304	417	582	269	426	334	306	194
3	129	101	195	244	285	396	553	258	300	314	308	233
4	124	102	191	238	273	459	538	247	258	585	400	325
5	123	106	182	235	263	453	502	241	237	428	397	280
6	123	106	178	206	256	393	484	242	224	321	334	213
7	122	111	172	178	248	368	466	239	236	261	273	189
8	115	131	168	201	241	348	450	237	236	244	346	176
9	110	712	166	209	236	333	432	235	241	238	298	170
10	109	976	163	166	264	317	417	232	219	225	265	504
11	109	352	160	175	256	307	402	260	223	208	285	398
12	109	241	157	202	244	337	389	257	202	192	244	267
13	109	201	154	224	253	642	397	230	195	181	423	228
14	109	180	209	197	265	469	412	211	186	179	641	206
15	110	163	280	191	275	604	387	203	183	170	443	193
16	108	157	269	187	261	701	397	197	175	161	329	179
17	106	182	825	182	330	547	354	195	164	159	284	171
18	106	181	514	225	317	479	336	192	157	160	262	165
19	106	170	394	1090	279	438	327	187	152	159	235	175
20	106	179	320	1250	265	684	320	225	150	165	217	414
21	106	166	e260	650	257	856	315	265	147	171	202	390
22	106	154	e240	492	339	665	311	361	148	158	190	257
23	106	148	e230	420	392	620	306	372	196	149	184	219
24	106	154	e230	377	321	575	300	260	171	148	186	1270
25	106	579	e225	340	966	541	305	402	170	293	179	876
26	106	651	220	311	1120	499	298	453	214	301	177	511
27	106	378	213	296	651	465	285	293	345	306	192	404
28	106	298	212	280	526	444	274	276	385	359	172	341
29	105	254	208	269	---	600	269	302	266	254	170	300
30	104	230	197	416	---	1260	261	258	610	257	168	274
31	104	---	155	406	---	796	---	231	---	452	181	---
TOTAL	3456	7566	7495	10346	10017	16471	11725	8096	7122	8051	8618	9709
MEAN	111	252	242	334	358	531	391	261	237	260	278	324
MAX	132	976	825	1250	1120	1260	656	453	610	585	641	1270
MIN	104	101	154	166	236	307	261	187	147	148	168	165
CFSM	.54	1.22	1.17	1.61	1.73	2.57	1.89	1.26	1.15	1.25	1.34	1.56
IN.	.62	1.36	1.35	1.86	1.80	2.96	2.11	1.45	1.28	1.45	1.55	1.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2001, BY WATER YEAR (WY)

	436	502	646	775	870	947	893	718	593	502	481	425
MEAN	436	502	646	775	870	947	893	718	593	502	481	425
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	172	118
(WY)	1955	1955	1956	1956	1941	1988	1986	2001	1988	1986	1986	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1940 - 2001

ANNUAL TOTAL	131223	108672	
ANNUAL MEAN	359	298	648
HIGHEST ANNUAL MEAN			1098
LOWEST ANNUAL MEAN			298
HIGHEST DAILY MEAN	2030	Mar 20	14800
LOWEST DAILY MEAN	101	Nov 2	88
ANNUAL SEVEN-DAY MINIMUM	103	Oct 29	90
MAXIMUM PEAK FLOW			29000
MAXIMUM PEAK STAGE		3.26	13.80
INSTANTANEOUS LOW FLOW		99	88
ANNUAL RUNOFF (CFSM)	1.73	1.44	3.13
ANNUAL RUNOFF (INCHES)	23.58	19.53	42.52
10 PERCENT EXCEEDS	652	512	1160
50 PERCENT EXCEEDS	284	248	524
90 PERCENT EXCEEDS	123	130	224

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/06/2002 AT: 11:48:08

e Estimated

STATION NUMBER 02177000 CHATTOOGA RIVER NEAR CLAYTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344850 LONGITUDE 0831822 DRAINAGE AREA 207 DATUM 1165.6 STATE 45 COUNTY 073

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

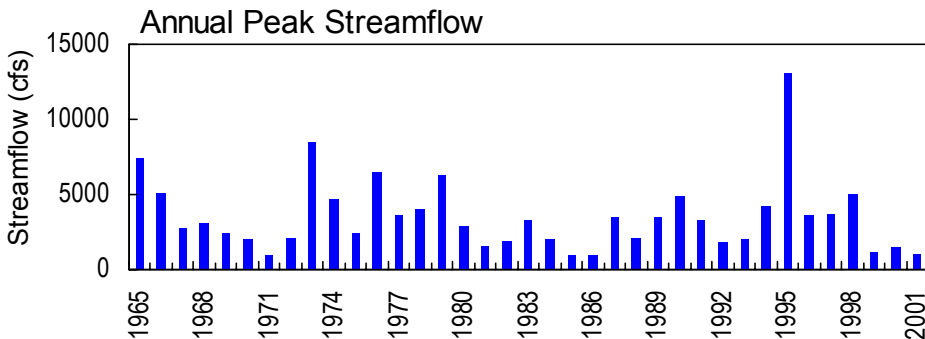
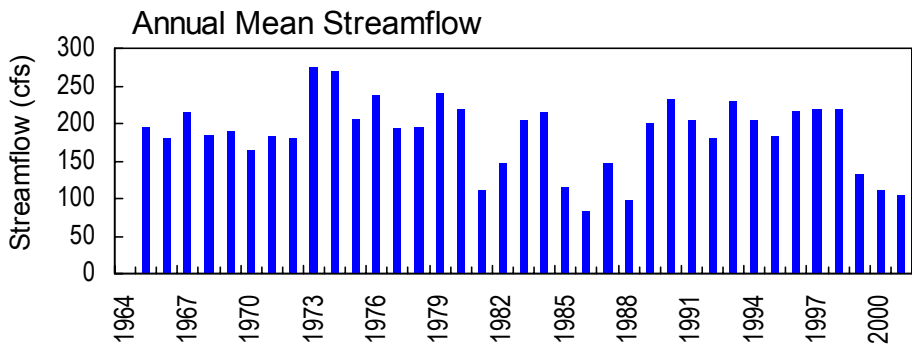
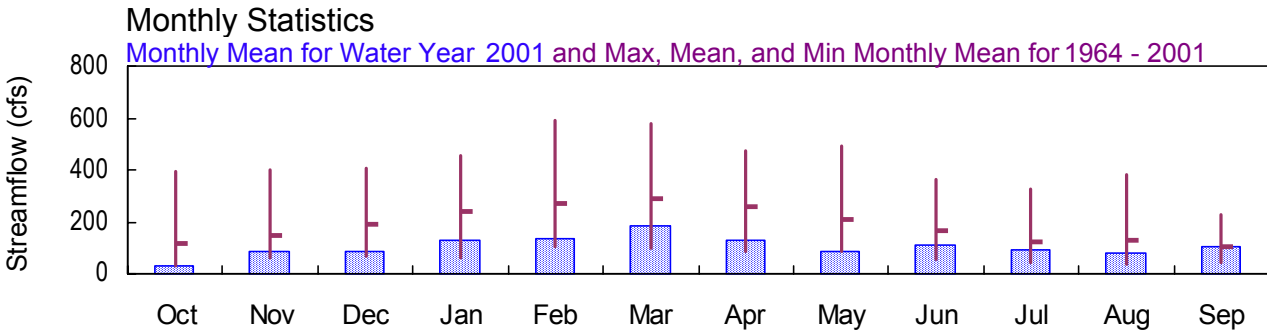
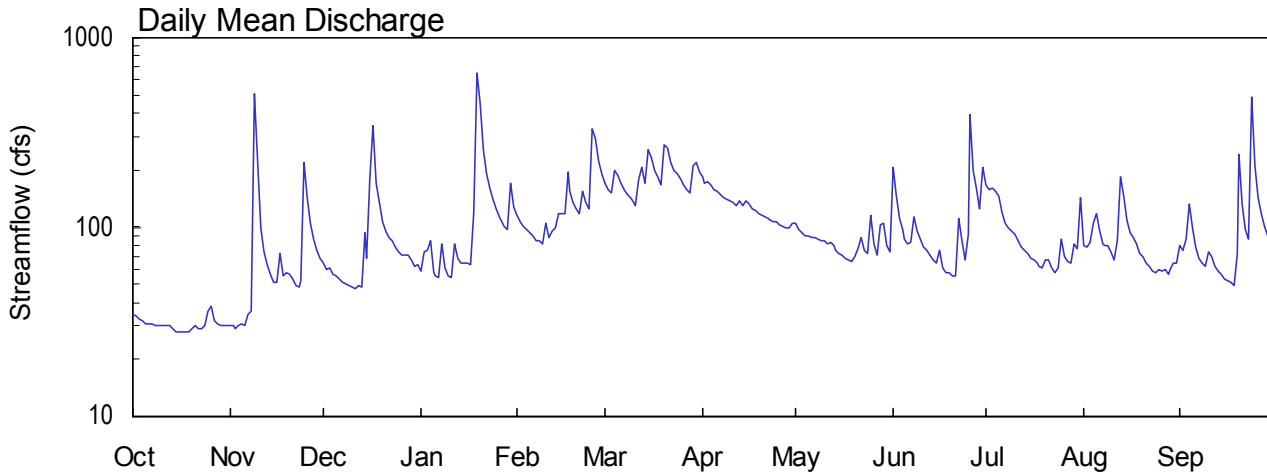
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.93	.82	1.14	1.20	1.36	1.59	1.83	1.29	1.35	1.66	1.40	1.12
2	.92	.82	1.11	1.21	1.32	1.53	1.75	1.30	1.54	1.40	1.36	1.14
3	.92	.82	1.10	1.21	1.29	1.50	1.71	1.28	1.35	1.37	1.36	1.22
4	.90	.83	1.09	1.19	1.26	1.59	1.69	1.25	1.28	1.73	1.50	1.39
5	.90	.84	1.07	1.19	1.24	1.58	1.65	1.24	1.23	1.54	1.50	1.31
6	.90	.84	1.06	1.12	1.23	1.49	1.62	1.24	1.21	1.38	1.40	1.18
7	.89	.86	1.04	1.06	1.22	1.45	1.60	1.24	1.23	1.28	1.30	1.13
8	.87	.93	1.03	1.11	1.20	1.43	1.57	1.23	1.23	1.25	1.41	1.10
9	.85	1.70	1.03	1.13	1.19	1.41	1.55	1.23	1.24	1.24	1.35	1.08
10	.85	2.10	1.02	1.03	1.25	1.38	1.53	1.22	1.19	1.21	1.29	1.59
11	.85	1.39	1.01	1.05	1.23	1.36	1.50	1.28	1.20	1.17	1.32	1.50
12	.85	1.20	1.00	1.12	1.21	1.41	1.48	1.27	1.16	1.13	1.25	1.29
13	.85	1.11	1.00	1.17	1.23	1.81	1.50	1.22	1.14	1.11	1.50	1.21
14	.85	1.06	1.13	1.11	1.25	1.60	1.52	1.18	1.12	1.10	1.81	1.17
15	.85	1.02	1.27	1.09	1.27	1.76	1.48	1.16	1.11	1.08	1.56	1.14
16	.85	1.01	1.25	1.08	1.24	1.88	1.50	1.15	1.09	1.06	1.40	1.10
17	.84	1.07	1.97	1.07	1.36	1.70	1.43	1.14	1.06	1.05	1.32	1.08
18	.84	1.07	1.63	1.16	1.34	1.61	1.41	1.13	1.04	1.05	1.28	1.07
19	.84	1.04	1.46	2.17	1.27	1.56	1.40	1.12	1.03	1.05	1.23	1.09
20	.84	1.06	1.34	2.37	1.25	1.83	1.39	1.21	1.02	1.06	1.19	1.51
21	.84	1.03	---	1.80	1.23	2.04	1.38	1.29	1.02	1.08	1.16	1.48
22	.84	1.00	---	1.60	1.37	1.84	1.37	1.44	1.02	1.05	1.13	1.27
23	.84	.98	---	1.50	1.46	1.79	1.36	1.46	1.14	1.02	1.11	1.19
24	.84	1.00	---	1.44	1.35	1.74	1.35	1.28	1.08	1.02	1.12	2.30
25	.84	1.63	---	1.38	2.02	1.70	1.36	1.50	1.08	1.32	1.10	2.05
26	.84	1.79	1.16	1.33	2.26	1.64	1.35	1.57	1.18	1.35	1.10	1.66
27	.84	1.44	1.14	1.30	1.83	1.59	1.32	1.34	1.42	1.36	1.13	1.51
28	.84	1.31	1.14	1.28	1.68	1.56	1.31	1.31	1.47	1.44	1.08	1.42
29	.83	1.23	1.13	1.26	---	1.74	1.30	1.36	1.29	1.27	1.08	1.35
30	.83	1.18	1.10	1.49	---	2.40	1.28	1.28	1.74	1.27	1.07	1.31
31	.83	---	.99	1.48	---	1.98	---	1.22	---	1.57	1.11	---
MEAN	.86	1.14	---	1.31	1.37	1.66	1.48	1.27	1.21	1.25	1.29	1.33
MAX	.93	2.10	---	2.37	2.26	2.40	1.83	1.57	1.74	1.73	1.81	2.30
MIN	.83	.82	---	1.03	1.19	1.36	1.28	1.12	1.02	1.02	1.07	1.07

# SAVANNAH RIVER BASIN

## 2001 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<sup>2</sup> Datum: 1869 feet Period of Record: 1964 - 2001



**SAVANNAH RIVER BASIN  
2001 Water Year**

**02178400 TALLULAH RIVER NEAR CLAYTON, GA**

**LOCATION.**--Lat 34°53'25", long 83°31'50", Rabun County, Hydrologic Unit 03060102, on right bank 100 feet downstream from Plum Orchard Road bridge, 120 feet downstream from Persimmon Creek, 8.0 miles upstream from Burton Dam, and 10.3 miles west of Clayton.

**DRAINAGE AREA.**--56.5 mi<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Jan. 19	1430	1,110*	4.64*

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02178400 TALLULAH RIVER NEAR CLAYTON, GA—continued.**

**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 sea level (levels by Georgia Department of Transportation).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 4.64 feet, January 19; minimum gage-height recorded, 1.64 feet, October 15-20.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—January 15, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02178400 TALLULAH RIVER NEAR CLAYTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345325 LONGITUDE 0833150 DRAINAGE AREA 56.50 DATUM 1868.93 STATE 13 COUNTY 241

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	35	30	64	59	115	171	183	105	206	168	80	80
2	34	30	60	74	108	157	170	98	146	158	78	75
3	33	29	61	76	101	152	173	93	111	160	83	87
4	32	30	56	84	97	200	168	90	97	155	105	133
5	31	31	55	57	94	188	159	90	87	145	117	100
6	31	30	53	55	90	172	154	88	82	120	95	78
7	31	35	51	54	85	159	149	88	83	106	82	69
8	30	36	50	82	84	149	144	87	113	99	80	65
9	30	504	49	61	82	142	141	85	96	96	80	62
10	30	223	48	55	104	135	138	85	86	91	74	74
11	30	100	47	54	88	129	134	82	79	84	67	70
12	30	74	49	82	95	178	130	83	75	78	85	62
13	30	63	48	68	99	209	139	80	71	75	184	59
14	29	56	94	65	117	172	131	75	67	73	146	56
15	28	51	69	65	117	259	139	73	65	69	110	53
16	28	51	178	65	119	234	133	71	76	67	93	52
17	28	72	344	63	195	201	126	69	61	64	88	51
18	28	55	169	121	156	183	122	67	58	62	81	49
19	28	58	135	650	135	168	119	66	57	61	73	73
20	29	56	108	455	124	271	116	70	55	67	70	241
21	30	53	96	255	117	261	114	77	55	67	65	132
22	29	49	88	192	154	221	112	88	112	61	62	97
23	29	48	84	160	135	200	110	75	85	57	59	87
24	30	52	78	141	124	190	108	73	67	61	58	488
25	36	218	74	126	333	180	108	116	92	87	60	210
26	38	144	71	114	293	168	103	81	397	70	59	144
27	32	104	71	109	223	159	101	71	198	66	60	117
28	31	86	71	101	191	152	99	103	162	65	56	101
29	30	76	67	97	---	210	99	106	126	81	60	89
30	30	69	62	171	---	220	104	80	209	77	65	82
31	30	---	63	128	---	195	---	74	---	143	64	---
TOTAL	950	2513	2613	3939	3775	5785	3926	2589	3274	2833	2539	3136
MEAN	30.6	83.8	84.3	127	135	187	131	83.5	109	91.4	81.9	105
MAX	38	504	344	650	333	271	183	116	397	168	184	488
MIN	28	29	47	54	82	129	99	66	55	57	56	49
CFSM	.54	1.48	1.49	2.25	2.39	3.30	2.32	1.48	1.93	1.62	1.45	1.85
IN.	.63	1.65	1.72	2.59	2.49	3.81	2.58	1.70	2.16	1.87	1.67	2.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2001, BY WATER YEAR (WY)

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
MEAN	120	148	190	237	268	288	258	210	164	124	129	105
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1964 - 2001

	2000	2001	1964-2001
ANNUAL TOTAL	36621	37872	
ANNUAL MEAN	100	104	186
HIGHEST ANNUAL MEAN			275
LOWEST ANNUAL MEAN			82.9
HIGHEST DAILY MEAN	842	Apr 3	3910
LOWEST DAILY MEAN	26	Sep 16	26
ANNUAL SEVEN-DAY MINIMUM	27	Sep 13	27
MAXIMUM PEAK FLOW			1110
MAXIMUM PEAK STAGE		4.64	Jan 19
INSTANTANEOUS LOW FLOW		28	Oct 15
ANNUAL RUNOFF (CFSM)	1.77	1.84	3.30
ANNUAL RUNOFF (INCHES)	24.11	24.94	44.78
10 PERCENT EXCEEDS	179	183	333
50 PERCENT EXCEEDS	76	84	146
90 PERCENT EXCEEDS	31	36	63

STATISTICS COMPUTED BY: cgsomer

DATE: 11/17/2001 AT: 09:47:54

STATION NUMBER 02178400 TALLULAH RIVER NEAR CLAYTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345325 LONGITUDE 0833150 DRAINAGE AREA 56.50 DATUM 1868.93 STATE 13 COUNTY 241

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	1.71	1.66	1.94	1.91	2.24	2.48	2.53	2.16	2.60	2.47	2.01	2.01
2	1.70	1.66	1.91	2.00	2.20	2.42	2.47	2.12	2.36	2.42	1.99	1.98
3	1.69	1.65	1.92	2.01	2.17	2.40	2.48	2.09	2.19	2.42	2.03	2.05
4	1.68	1.66	1.89	2.06	2.15	2.60	2.46	2.07	2.11	2.41	2.13	2.30
5	1.67	1.68	1.88	1.89	2.13	2.55	2.43	2.07	2.05	2.36	2.22	2.12
6	1.67	1.66	1.86	1.88	2.11	2.48	2.40	2.06	2.02	2.24	2.10	1.99
7	1.67	1.71	1.85	1.87	2.08	2.43	2.38	2.06	2.02	2.17	2.02	1.94
8	1.66	1.72	1.84	2.06	2.07	2.38	2.36	2.05	2.19	2.12	2.01	1.91
9	1.66	3.28	1.83	1.92	2.06	2.35	2.34	2.04	2.10	2.10	2.01	1.89
10	1.66	2.66	1.83	1.88	2.19	2.31	2.32	2.04	2.04	2.08	1.97	1.96
11	1.66	2.16	1.82	1.87	2.09	2.28	2.30	2.02	2.00	2.03	1.92	1.94
12	1.66	2.01	1.83	2.06	2.14	2.47	2.29	2.03	1.98	2.00	2.03	1.89
13	1.66	1.93	1.82	1.97	2.16	2.63	2.33	2.01	1.95	1.98	2.43	1.87
14	1.65	1.89	2.12	1.95	2.25	2.48	2.29	1.98	1.92	1.96	2.36	1.85
15	1.64	1.85	1.98	1.95	2.25	2.80	2.33	1.97	1.91	1.93	2.18	1.83
16	1.64	1.85	2.44	1.95	2.26	2.72	2.30	1.95	1.98	1.92	2.08	1.82
17	1.64	2.00	3.05	1.94	2.59	2.61	2.27	1.94	1.88	1.91	2.06	1.81
18	1.64	1.88	2.49	2.25	2.43	2.52	2.25	1.92	1.86	1.89	2.01	1.80
19	1.64	1.90	2.34	3.73	2.34	2.46	2.23	1.92	1.85	1.88	1.96	1.94
20	1.64	1.89	2.21	3.36	2.29	2.83	2.22	1.95	1.84	1.92	1.94	2.70
21	1.66	1.86	2.14	2.81	2.25	2.82	2.21	1.99	1.84	1.92	1.91	2.30
22	1.65	1.83	2.10	2.58	2.42	2.68	2.20	2.05	2.13	1.88	1.89	2.11
23	1.65	1.83	2.07	2.45	2.34	2.60	2.19	1.98	2.04	1.86	1.87	2.05
24	1.66	1.85	2.04	2.37	2.29	2.55	2.18	1.96	1.93	1.88	1.86	3.42
25	1.72	2.66	2.01	2.30	3.01	2.51	2.18	2.22	2.07	2.05	1.88	2.67
26	1.73	2.38	1.99	2.24	2.93	2.47	2.15	2.01	3.05	1.94	1.87	2.40
27	1.68	2.18	1.99	2.21	2.68	2.43	2.14	1.95	2.59	1.92	1.88	2.26
28	1.67	2.08	1.99	2.17	2.56	2.39	2.13	2.13	2.44	1.91	1.84	2.18
29	1.66	2.02	1.96	2.15	---	2.62	2.12	2.16	2.27	2.00	1.87	2.11
30	1.66	1.97	1.93	2.49	---	2.68	2.15	2.01	2.63	1.99	1.91	2.07
31	1.66	---	1.94	2.30	---	2.58	---	1.97	---	2.31	1.90	---
MEAN	1.67	1.98	2.03	2.21	2.31	2.53	2.29	2.03	2.13	2.06	2.00	2.11
MAX	1.73	3.28	3.05	3.73	3.01	2.83	2.53	2.22	3.05	2.47	2.43	3.42
MIN	1.64	1.65	1.82	1.87	2.06	2.28	2.12	1.92	1.84	1.86	1.84	1.80



STATION NUMBER 02178400 TALLULAH RIVER NEAR CLAYTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345325 LONGITUDE 0833150 DRAINAGE AREA 56.50 DATUM 1868.93 STATE 13 COUNTY 241

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	---	---	---	---	.00	.00	.08	.11	1.22	.01	.00	.36
2	---	---	---	---	.00	.00	.00	.00	.01	.71	.38	.23
3	---	---	---	---	.00	.50	.24	.00	.18	.55	.02	.49
4	---	---	---	---	.00	.20	.00	.00	.00	.28	.12	.86
5	---	---	---	---	.00	.01	.01	.01	.00	.00	.39	.00
6	---	---	---	---	.00	.00	.01	.04	.19	.00	.05	.00
7	---	---	---	---	.00	.00	.00	.01	.06	.00	.00	.00
8	---	---	---	---	.00	.00	.00	.00	.41	.00	.04	.00
9	---	---	---	---	.12	.00	.00	.05	.00	.20	.07	.00
10	---	---	---	---	.20	.00	.00	.00	.00	.00	.03	.34
11	---	---	---	---	.10	.00	.00	.02	.00	.00	.01	.01
12	---	---	---	---	.19	1.44	.00	.01	.00	.00	.78	.00
13	---	---	---	---	.23	.02	.21	.00	.00	.00	1.34	.00
14	---	---	---	---	.11	.00	.00	.00	.00	.00	1.76	.00
15	---	---	---	.00	.01	1.01	.37	.00	.00	.00	.00	.00
16	---	---	---	.00	.47	.02	.00	.00	.00	.00	.05	.00
17	---	---	---	.32	.02	.00	.00	.00	.00	.00	.17	.00
18	---	---	---	1.14	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	---	2.17	.00	.00	.00	.05	.00	.00	.03	.99
20	---	---	---	.00	.00	1.40	.00	.06	.00	.08	.01	.40
21	---	---	---	.00	.00	.01	.00	.55	.00	.00	.00	.01
22	---	---	---	.00	.78	.00	.00	.61	.46	.00	.00	.00
23	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00	1.32
24	---	---	---	.00	.12	.00	.07	.64	.00	.24	.03	2.29
25	---	---	---	.00	1.84	.00	.05	.73	1.77	.26	.03	.00
26	---	---	---	.00	.00	.00	.00	.00	2.23	.09	.29	.00
27	---	---	---	.00	.00	.00	.00	.00	.34	.69	.05	.00
28	---	---	---	.00	.00	.00	.00	1.25	.00	.00	.01	.00
29	---	---	---	.32	---	1.45	.00	.08	.46	.43	.00	.00
30	---	---	---	.45	---	.00	.14	.00	.19	.03	.30	.00
31	---	---	---	.00	---	.00	---	.48	---	.35	.14	---
TOTAL	---	---	---	---	4.19	6.06	1.18	4.70	7.52	3.92	6.10	7.30

## SAVANNAH RIVER BASIN

### 02178500 LAKE BURTON NEAR CLAYTON, GA

**LOCATION.**--Lat 34°47'37", long 83°32'26", Rabun County, Hydrologic Unit 03060102, on Tallulah River, 5.5 miles downstream from bridge on U.S. Highway 76, 10 miles southwest of Clayton, GA.

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

<http://www.southernco.com/gapower/lakes/home.asp?mnuOpco=gpc&mnuType=main&mnuItem=oc>

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

## SAVANNAH RIVER BASIN

### 02179500 MATHIS RESERVOIR NEAR LAKEMONT, GA

**LOCATION.**--Lat 34°47'03", long 83°24'57", Rabun County, Hydrologic Unit 03060102, on Tallulah River, 1 mile upstream from bridge on U.S. Highway 23, 1.8 miles south of Lakemont, GA.

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

<http://www.southernco.com/gapower/lakes/home.asp?mnuOpco=gpc&mnuType=main&mnuItem=oc>

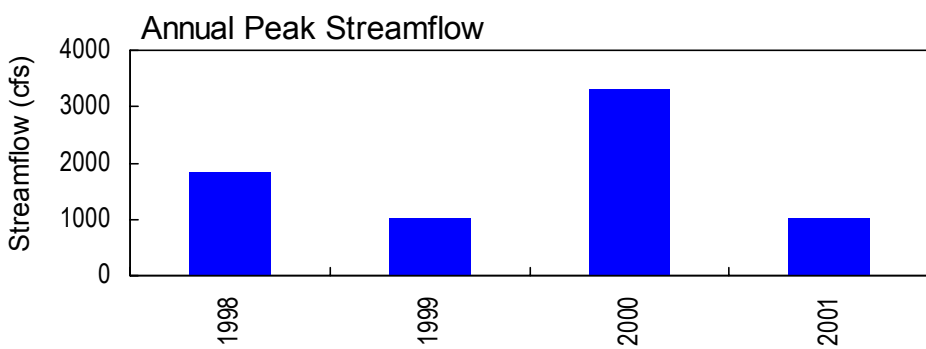
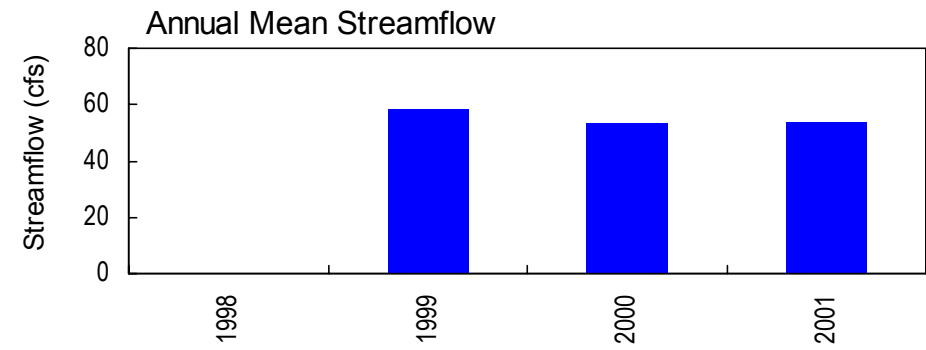
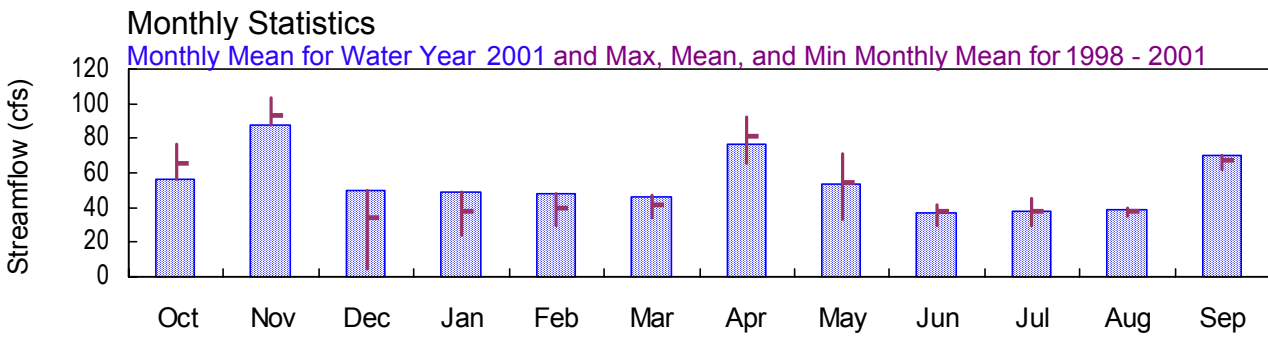
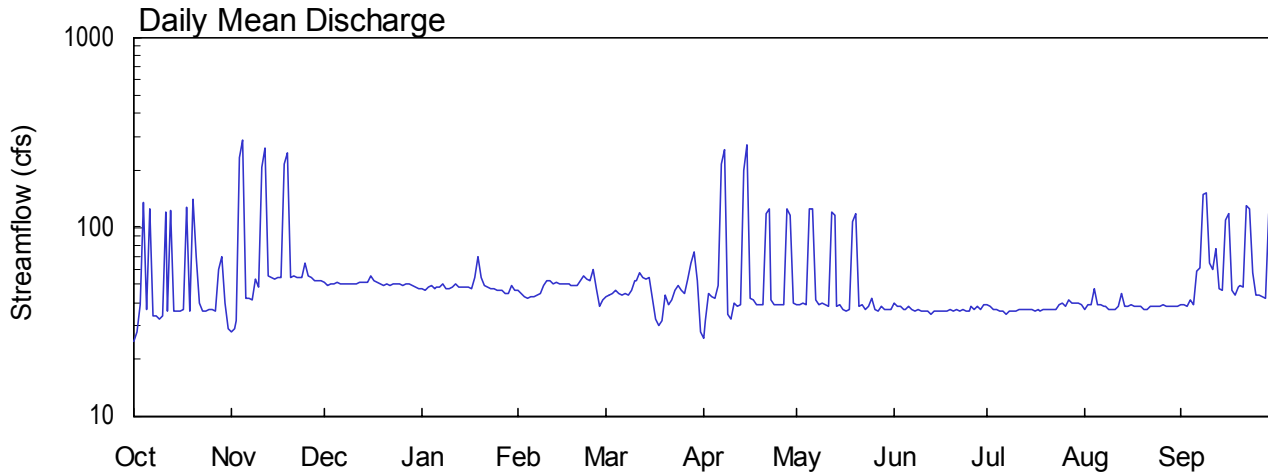
or call: 1-888-GPC-LAKE (1-888-472-5253)

# SAVANNAH RIVER BASIN

## 2001 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 mi<sup>2</sup> Datum: 940 feet Period of Record: 1998 - 2001



**SAVANNAH RIVER BASIN  
2001 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<sup>2</sup>.

**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 feet above sea level (from topographic map).

**REMARKS.**--Records good, except for periods of estimated discharge and those above 1,000 ft<sup>3</sup>/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 feet above sea level (from topo map).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 8.01 feet, November 5; minimum gage-height recorded, 4.78 feet, April 1-2.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--January 4, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records fair.

STATION NUMBER 02181580 TALLULAH RIVER AB POWERHOUSE, NR TALLULAH FALLS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344355 LONGITUDE 0832233 DRAINAGE AREA 184.4 DATUM STATE 13 COUNTY 241

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	25	28	51	47	46	43	26	39	40	39	37	39
2	28	29	49	46	45	44	32	39	38	38	39	39
3	39	32	50	48	43	45	45	40	38	37	39	38
4	135	232	50	49	42	46	43	39	37	37	47	41
5	37	290	51	e47	43	45	42	124	37	36	39	39
6	126	42	50	e48	43	44	49	125	38	36	39	59
7	34	42	50	e48	44	45	215	41	37	35	38	61
8	34	41	50	e50	45	44	257	39	36	36	38	148
9	33	53	50	47	49	46	35	40	37	36	37	151
10	34	48	50	47	52	52	33	39	36	36	37	65
11	120	207	50	48	52	52	40	38	36	37	37	60
12	36	263	51	50	50	57	38	120	36	37	38	77
13	123	55	51	48	51	54	39	116	35	37	45	47
14	36	54	51	48	50	53	201	38	36	37	38	46
15	36	53	51	48	50	54	273	39	36	37	38	110
16	36	54	55	48	50	42	42	37	36	36	39	119
17	37	54	52	47	50	33	41	36	36	37	38	46
18	128	214	51	54	49	30	39	37	36	36	38	44
19	36	246	50	70	49	32	39	107	37	37	38	48
20	e140	54	49	54	49	44	39	117	36	37	37	49
21	e70	55	50	49	52	39	119	38	37	37	37	48
22	e40	54	49	48	55	41	126	39	36	37	38	131
23	e36	54	50	47	53	46	41	37	37	37	38	125
24	e36	54	50	47	52	49	39	38	36	39	38	57
25	e37	65	50	46	60	46	39	42	36	40	38	44
26	e37	55	49	46	47	45	39	37	38	38	39	44
27	e36	54	50	46	38	53	39	36	37	41	38	43
28	e60	52	50	45	41	64	125	38	38	40	38	42
29	e70	52	49	45	---	74	116	37	37	40	38	119
30	e40	52	48	49	---	52	40	37	39	40	38	129
31	29	---	47	46	---	28	---	37	---	39	38	---
TOTAL	1744	2638	1554	1506	1350	1442	2291	1666	1105	1162	1194	2108
MEAN	56.3	87.9	50.1	48.6	48.2	46.5	76.4	53.7	36.8	37.5	38.5	70.3
MAX	140	290	55	70	60	74	273	125	40	41	47	151
MIN	25	28	47	45	38	28	26	36	35	35	37	38
CFSM	.31	.48	.27	.26	.26	.25	.41	.29	.20	.20	.21	.38
IN.	.35	.53	.31	.30	.27	.29	.46	.34	.22	.23	.24	.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

	1998	1999	2000	2001	1998	1999	2000	2001	1998	1999	2000	2001
MEAN	65.7	92.9	34.1	37.8	39.7	41.2	80.8	54.3	37.4	37.9	37.5	67.4
MAX	76.7	103	50.1	48.6	48.2	47.3	92.5	71.1	41.8	45.0	39.9	70.3
(WY)	1999	1999	2001	2001	2001	1999	2000	1999	1999	1999	1999	2001
MIN	56.3	87.9	4.28	23.8	29.2	34.1	65.1	33.1	29.9	29.6	35.3	61.6
(WY)	2001	2001	1998	1998	1998	1998	1998	1998	1998	1998	2000	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1998 - 2001

ANNUAL TOTAL	19532	19760		
ANNUAL MEAN	53.4	54.1	55.3	
HIGHEST ANNUAL MEAN			58.5	1999
LOWEST ANNUAL MEAN			53.3	2000
HIGHEST DAILY MEAN	442	Sep 21	290	Nov 5
LOWEST DAILY MEAN	25	Jul 25	25	Oct 1
ANNUAL SEVEN-DAY MINIMUM	26	Sep 26	36	Jun 10
MAXIMUM PEAK FLOW			1010	Nov 5
MAXIMUM PEAK STAGE			8.01	Nov 5
INSTANTANEOUS LOW FLOW				13
ANNUAL RUNOFF (CFSM)	.29	.29	.30	
ANNUAL RUNOFF (INCHES)	3.94	3.99	4.07	
10 PERCENT EXCEEDS	73	72	65	
50 PERCENT EXCEEDS	41	43	40	
90 PERCENT EXCEEDS	34	36	29	

STATISTICS COMPUTED BY: kerestes

DATE: 03/16/2002 AT: 10:18:13

e Estimated

STATION NUMBER 02181580 TALLULAH RIVER AB POWERHOUSE, NR TALLULAH FALLS,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344355 LONGITUDE 0832233 DRAINAGE AREA 184.4 DATUM STATE 13 COUNTY 241

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	4.88	4.95	5.19	5.14	5.12	5.09	4.80	5.14	5.15	5.13	5.11	5.13
2	4.94	4.97	5.16	5.13	5.11	5.10	4.91	5.14	5.12	5.12	5.13	5.14
3	5.13	5.02	5.17	5.15	5.09	5.11	5.11	5.14	5.12	5.11	5.13	5.13
4	5.79	5.88	5.18	5.16	5.08	5.13	5.08	5.13	5.10	5.10	5.20	5.16
5	5.11	5.99	5.19	---	5.09	5.11	5.07	5.73	5.10	5.09	5.14	5.13
6	5.70	5.07	5.17	---	5.09	5.10	5.15	5.77	5.11	5.09	5.13	5.34
7	5.06	5.07	5.18	---	5.10	5.11	5.88	5.16	5.11	5.08	5.12	5.40
8	5.05	5.06	5.17	---	5.11	5.11	5.98	5.14	5.09	5.09	5.11	5.91
9	5.04	5.20	5.17	5.14	5.16	5.12	5.06	5.14	5.10	5.09	5.11	5.92
10	5.05	5.15	5.18	5.14	5.20	5.20	5.03	5.13	5.09	5.09	5.10	5.43
11	5.70	5.89	5.17	5.15	5.19	5.19	5.15	5.12	5.09	5.10	5.10	5.39
12	5.09	6.02	5.19	5.17	5.18	5.26	5.12	5.72	5.09	5.10	5.12	5.47
13	5.71	5.23	5.19	5.15	5.18	5.23	5.14	5.70	5.08	5.10	5.21	5.24
14	5.10	5.22	5.18	5.15	5.18	5.21	5.87	5.13	5.09	5.11	5.12	5.22
15	5.09	5.21	5.19	5.15	5.18	5.21	6.02	5.13	5.08	5.11	5.11	5.69
16	5.09	5.23	5.24	5.15	5.18	5.07	5.18	5.11	5.08	5.10	5.13	5.74
17	5.10	5.23	5.20	5.14	5.18	4.94	5.17	5.10	5.09	5.10	5.13	5.23
18	5.73	5.91	5.19	5.23	5.16	4.88	5.13	5.11	5.08	5.10	5.12	5.20
19	5.09	5.99	5.17	5.39	5.16	4.91	5.14	5.65	5.10	5.11	5.12	5.25
20	---	5.23	5.17	5.22	5.16	5.10	5.13	5.70	5.10	5.11	5.11	5.26
21	---	5.23	5.17	5.16	5.19	5.04	5.70	5.11	5.10	5.11	5.11	5.25
22	---	5.23	5.16	5.15	5.23	5.05	5.75	5.14	5.09	5.10	5.12	5.79
23	---	5.22	5.18	5.14	5.21	5.13	5.17	5.11	5.10	5.10	5.11	5.76
24	---	5.23	5.18	5.14	5.20	5.16	5.14	5.12	5.09	5.13	5.12	5.35
25	---	5.34	5.17	5.13	5.29	5.13	5.14	5.17	5.10	5.14	5.12	5.20
26	---	5.23	5.16	5.12	5.13	5.11	5.13	5.11	5.11	5.12	5.13	5.20
27	---	5.22	5.17	5.12	5.02	5.21	5.13	5.09	5.11	5.16	5.12	5.18
28	---	5.20	5.17	5.12	5.06	5.34	5.74	5.12	5.12	5.15	5.12	5.18
29	---	5.20	5.16	5.12	---	5.43	5.70	5.11	5.11	5.14	5.12	5.73
30	---	5.19	5.15	5.16	---	5.17	5.15	5.10	5.14	5.14	5.12	5.78
31	4.96	---	5.14	5.12	---	4.84	---	5.11	---	5.13	5.11	---
MEAN	---	5.33	5.18	---	5.15	5.12	5.30	5.24	5.10	5.11	5.12	5.39
MAX	---	6.02	5.24	---	5.29	5.43	6.02	5.77	5.15	5.16	5.21	5.92
MIN	---	4.95	5.14	---	5.02	4.84	4.80	5.09	5.08	5.08	5.10	5.13

STATION NUMBER 02181580 TALLULAH RIVER AB POWERHOUSE, NR TALLULAH FALLS,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344355 LONGITUDE 0832233 DRAINAGE AREA 184.4 DATUM STATE 13 COUNTY 241

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	---	---	---	---	.00	.00	.02	.00	.78	.43	.00	.16
2	---	---	---	---	.00	.00	.00	.00	.00	.03	.31	.65
3	---	---	---	---	.00	.71	.51	.00	.12	.53	.48	.39
4	---	---	---	---	.00	.09	.00	.00	.00	.16	1.40	.87
5	---	---	---	---	.00	.00	.00	.00	.00	.17	.05	.00
6	---	---	---	---	.00	.00	.00	2.64	.38	.00	.27	.00
7	---	---	---	---	.00	.00	.00	.04	.00	.00	.00	.00
8	---	---	---	---	.00	.00	.00	.00	.01	.23	.00	.00
9	---	---	---	.00	.06	.00	.00	.06	.00	.01	.01	.17
10	---	---	---	.00	.25	.00	.00	.00	.00	.44	.01	.52
11	---	---	---	.05	.04	.00	.00	.02	.00	.00	.00	.00
12	---	---	---	.40	.12	1.48	.00	.00	.00	.00	.44	.00
13	---	---	---	.00	.14	.01	.08	.00	.00	.00	2.41	.00
14	---	---	---	.01	.09	.00	.00	.00	.00	.00	.00	.07
15	---	---	---	.00	.00	1.11	.26	.00	.00	.00	.00	.00
16	---	---	---	.00	.36	.00	.00	.00	.00	.00	.00	.00
17	---	---	---	.21	.03	.00	.00	.00	.00	.00	.02	.00
18	---	---	---	1.55	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	---	1.65	.00	.00	.00	.03	.00	.29	.00	.98
20	---	---	---	.00	.00	1.40	.00	.27	.00	.02	.00	.13
21	---	---	---	.00	.00	.01	.00	.24	.00	.00	.00	.00
22	---	---	---	.00	.80	.00	.00	.76	.26	.00	.00	.00
23	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00	.06
24	---	---	---	.00	.02	.00	.03	.59	.00	.93	.00	2.15
25	---	---	---	.00	1.37	.00	.06	.80	.02	.45	.05	.00
26	---	---	---	.00	.00	.00	.00	.00	.26	.00	.03	.00
27	---	---	---	.00	.00	.00	.00	.00	.34	1.10	.00	.00
28	.00	---	---	.00	.00	.00	.23	.81	.16	.03	.00	.00
29	.00	---	---	.23	---	2.04	.00	.17	.00	.20	.00	.00
30	---	---	---	.52	---	.00	.00	.00	.13	.23	.01	.00
31	---	---	---	.00	---	.00	---	.26	---	.00	.19	---
TOTAL	---	---	---	---	3.28	6.85	1.19	6.69	2.46	5.25	5.68	6.15



## SAVANNAH RIVER BASIN

### 02187250 HARTWELL LAKE NEAR HARTWELL, GA

**LOCATION.**--Lat 34°21'25", long 82°49'20", 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, GA, 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>

## SAVANNAH RIVER BASIN

### 02189004 RICHARD B. RUSSELL RESERVOIR NEAR CALHOUN FALLS, SC

**LOCATION.**--Lat 34°01'30", long 82°35'42", 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:

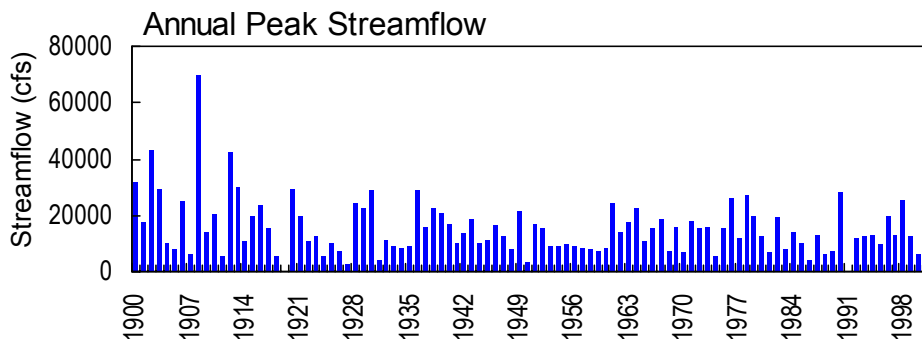
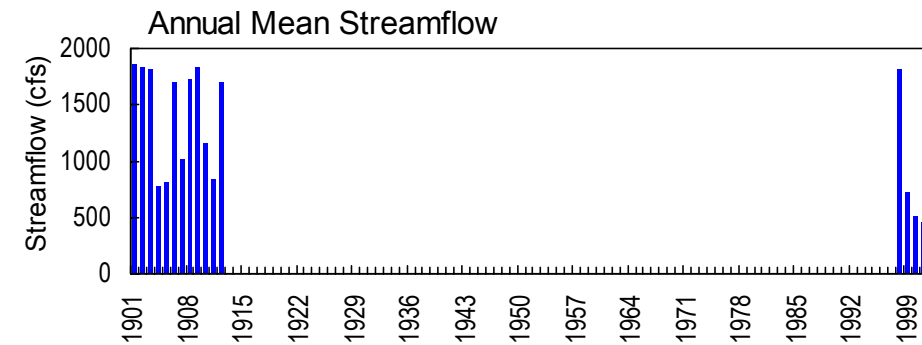
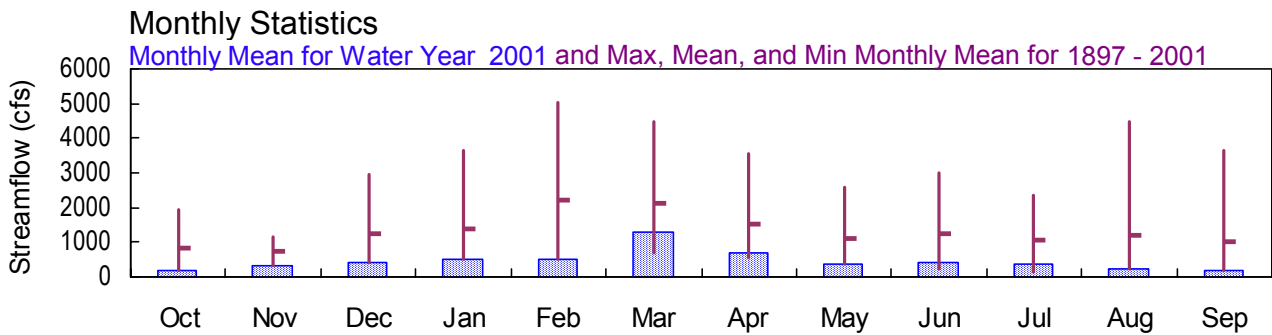
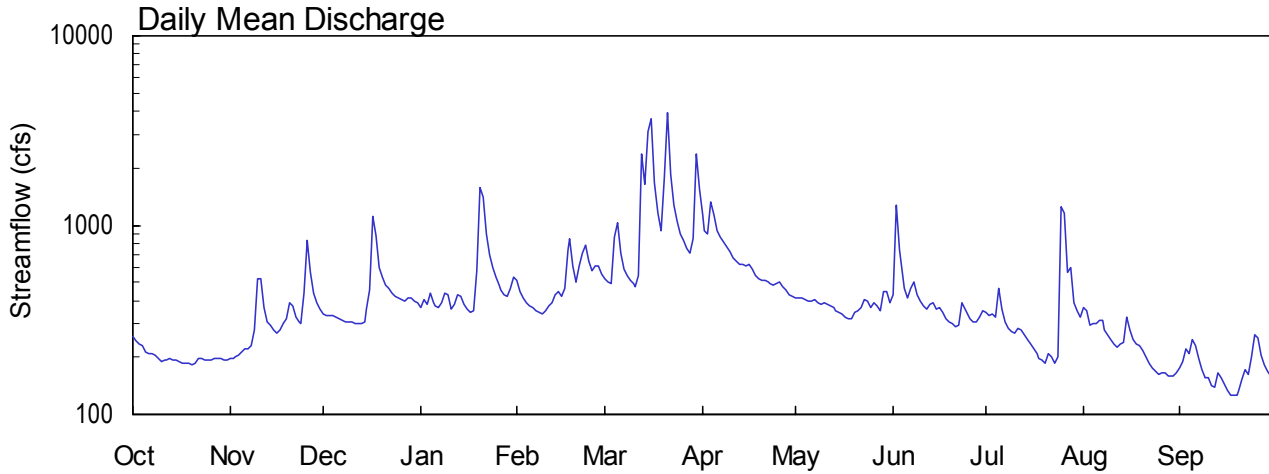
<http://www.sas.usace.army.mil/hydrodat.htm>

# SAVANNAH RIVER BASIN

## 2001 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<sup>2</sup> Datum: 406.6 feet Period of Record: 1897 - 2001



**SAVANNAH RIVER BASIN  
2001 Water Year**

**02191300 BROAD RIVER ABOVE CARLTON, GA**

**LOCATION.**--Lat 34°04'24", long 83°00'12", Elbert-Madison County line, Hydrologic Unit 03060104, at downstream side of bridge on GA Highway 72, 2.7 miles upstream from South Fork Broad River, 2.8 miles northeast of Carlton.

**DRAINAGE AREA.**--760 mi<sup>2</sup>.

**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 sea level (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 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 15	2315	5,400*	9.72*

**SAVANNAH RIVER BASIN  
2001 Water Year**

**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 sea level (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 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, 9.72 feet, March 15; minimum gage-height recorded, 2.15 feet, September 17-18.

**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 STREAM SOURCE AGENCY USGS  
 LATITUDE 340424 LONGITUDE 0830012 DRAINAGE AREA 760.00 DATUM 404.60 STATE 13 COUNTY 195

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	258	197	341	370	e508	518	1140	416	433	349	371	174
2	245	199	333	408	e446	499	936	415	1280	335	352	e190
3	236	201	334	381	e410	495	897	410	746	341	298	e220
4	229	205	334	437	e389	867	1320	403	538	327	300	e210
5	215	212	327	389	e377	1030	1140	396	468	462	302	e248
6	209	221	318	372	e367	711	943	394	412	359	312	e231
7	208	223	313	366	e355	589	872	403	463	306	313	e198
8	207	229	310	391	e345	540	820	e386	504	287	e280	e173
9	197	281	308	437	e343	514	767	e382	427	277	266	e156
10	190	526	307	e433	e355	493	722	393	394	269	249	e156
11	192	518	304	e361	e373	473	675	379	372	284	235	e143
12	194	367	304	e380	e386	542	645	372	361	279	225	e139
13	196	311	303	e433	e428	2360	627	367	381	264	237	e165
14	195	295	310	e420	e446	1650	616	355	392	247	241	157
15	193	280	358	e385	e419	3140	605	344	361	234	e330	145
16	190	267	451	e364	e468	3640	625	e340	367	221	280	135
17	187	281	1120	e349	e741	1660	581	329	345	209	250	127
18	186	301	875	e354	e847	1160	537	321	319	199	237	126
19	187	324	598	e571	e613	935	521	321	306	193	230	127
20	183	392	532	e1590	e503	1780	515	345	300	188	217	135
21	187	374	484	e1400	e611	3960	508	354	294	209	202	152
22	196	328	461	e895	e717	1850	501	365	298	203	187	171
23	196	307	442	e701	785	1270	490	402	389	188	176	162
24	194	302	423	e602	645	1040	481	398	364	203	168	200
25	193	434	414	e536	571	906	491	370	333	1260	164	266
26	195	824	404	e485	612	828	501	389	323	1160	165	254
27	197	569	399	e451	615	756	477	374	306	e560	165	207
28	199	439	410	e431	550	705	453	355	308	601	e160	181
29	198	389	410	e422	---	848	426	443	329	388	158	169
30	195	359	395	e464	---	2370	418	448	351	357	158	158
31	193	---	391	e536	---	1560	---	388	---	326	167	---
TOTAL	6240	10155	13013	16114	14225	39689	20250	11757	12464	11085	7395	5275
MEAN	201	338	420	520	508	1280	675	379	415	358	239	176
MAX	258	824	1120	1590	847	3960	1320	448	1280	1260	371	266
MIN	183	197	303	349	343	473	418	321	294	188	158	126
CFSM	.26	.45	.55	.68	.67	1.68	.89	.50	.55	.47	.31	.23
IN.	.31	.50	.64	.79	.70	1.94	.99	.58	.61	.54	.36	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 2001, BY WATER YEAR (WY)

	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	814	758	1227	1369	2200	2125	1507	1112	1231	1052	1218	1003																																																																																													
MAX	1919	1151	2959	3624	5010	4476	3573	2563	2996	2341	4488	3665																																																																																													
(WY)	1899	1998	1902	1906	1902	1902	1998	1908	1906	1906	1908	1898																																																																																													
MIN	201	338	420	520	508	687	556	379	237	141	212	176																																																																																													
(WY)	2001	2001	2001	2001	2001	1905	1905	2001	2000	2000	1999	2001																																																																																													

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1897 - 2001
ANNUAL TOTAL	170033	167662	
ANNUAL MEAN	465	459	1303
HIGHEST ANNUAL MEAN			1860
LOWEST ANNUAL MEAN			459
HIGHEST DAILY MEAN	4080	Mar 21	47200
LOWEST DAILY MEAN	70	Jul 22	70
ANNUAL SEVEN-DAY MINIMUM	80	Jul 17	80
MAXIMUM PEAK FLOW			70000
MAXIMUM PEAK STAGE			39.00
ANNUAL RUNOFF (CFSM)	.61		1.71
ANNUAL RUNOFF (INCHES)	8.32		23.29
10 PERCENT EXCEEDS	919		2180
50 PERCENT EXCEEDS	326		805
90 PERCENT EXCEEDS	179		380

STATISTICS COMPUTED BY: gabailey DATE: 04/01/2002 AT: 11:25:44

e Estimated

STATION NUMBER 02191300 BROAD RIVER ABOVE CARLTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340424 LONGITUDE 0830012 DRAINAGE AREA 760.00 DATUM 404.60 STATE 13 COUNTY 195

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	2.59	2.47	2.76	2.73	---	2.99	4.02	2.75	2.78	2.64	2.68	2.28
2	2.56	2.47	2.74	2.80	---	2.95	3.64	2.75	4.26	2.61	2.65	---
3	2.54	2.48	2.74	2.75	---	2.94	3.57	2.74	3.31	2.62	2.54	---
4	2.53	2.49	2.74	2.84	---	3.62	4.35	2.73	2.95	2.60	2.54	---
5	2.51	2.50	2.73	2.76	---	3.92	4.01	2.72	2.84	2.83	2.55	---
6	2.50	2.52	2.71	2.73	---	3.33	3.66	2.71	2.76	2.66	2.57	---
7	2.49	2.52	2.70	2.72	---	3.11	3.53	2.73	2.83	2.55	2.57	---
8	2.49	2.53	2.69	2.77	---	3.02	3.44	---	2.90	2.52	---	---
9	2.47	2.63	2.69	2.85	---	2.98	3.34	---	2.78	2.49	2.47	---
10	2.45	3.07	2.69	---	---	2.94	3.26	2.71	2.72	2.48	2.44	---
11	2.46	3.06	2.68	---	---	2.91	3.18	2.70	2.68	2.51	2.41	---
12	2.46	2.80	2.68	---	---	3.00	3.13	2.68	2.66	2.50	2.39	---
13	2.47	2.70	2.68	---	---	5.52	3.10	2.67	2.70	2.47	2.42	---
14	2.46	2.66	2.69	---	---	4.59	3.08	2.65	2.72	2.44	2.42	2.24
15	2.46	2.63	2.78	---	---	6.61	3.07	2.63	2.66	2.41	---	2.21
16	2.45	2.61	2.94	---	---	7.73	3.10	---	2.67	2.38	2.50	2.18
17	2.44	2.63	4.11	---	---	4.94	3.03	2.60	2.63	2.36	2.44	2.16
18	2.44	2.67	3.63	---	---	4.06	2.95	2.59	2.58	2.33	2.42	2.16
19	2.45	2.72	3.13	---	---	3.64	2.92	2.59	2.56	2.32	2.40	2.16
20	2.43	2.84	3.01	---	---	4.98	2.91	2.63	2.54	2.31	2.37	2.18
21	2.44	2.81	2.92	---	---	8.24	2.90	2.65	2.53	2.35	2.34	2.23
22	2.47	2.73	2.89	---	---	5.26	2.88	2.67	2.54	2.34	2.30	2.27
23	2.47	2.69	2.86	---	3.46	4.26	2.86	2.73	2.71	2.31	2.28	2.25
24	2.46	2.68	2.82	---	3.21	3.82	2.85	2.73	2.67	2.34	2.26	2.33
25	2.46	2.91	2.81	---	3.08	3.59	2.87	2.68	2.61	4.21	2.25	2.47
26	2.46	3.60	2.79	---	3.15	3.45	2.88	2.71	2.59	4.06	2.26	2.45
27	2.47	3.14	2.78	---	3.16	3.32	2.84	2.69	2.55	---	2.26	2.35
28	2.47	2.92	2.80	---	3.04	3.22	2.81	2.65	2.56	3.07	---	2.29
29	2.47	2.83	2.80	---	---	3.49	2.77	2.80	2.60	2.71	2.24	2.26
30	2.46	2.79	2.77	---	---	6.06	2.75	2.81	2.64	2.66	2.24	2.24
31	2.46	---	2.77	---	---	4.77	---	2.71	---	2.60	2.26	---
MEAN	2.48	2.74	2.86	---	---	4.17	3.19	---	2.75	---	---	---
MAX	2.59	3.60	4.11	---	---	8.24	4.35	---	4.26	---	---	---
MIN	2.43	2.47	2.68	---	---	2.91	2.75	---	2.53	---	---	---

STATION NUMBER 02191300 BROAD RIVER ABOVE CARLTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340424 LONGITUDE 0830012 DRAINAGE AREA 760.00 DATUM 404.60 STATE 13 COUNTY 195

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	.00	.00	.00	.00	.00	---	---	---	---	---	---	.01
2	.00	.00	.05	.00	.00	---	---	---	---	---	---	.00
3	.00	.00	.17	.00	.00	---	---	---	---	---	---	---
4	.00	.05	.00	.00	.00	---	---	---	---	---	---	---
5	.00	.00	.00	.00	.00	---	---	---	---	---	---	---
6	.00	.00	.00	.00	.00	---	---	---	---	---	---	---
7	.00	.00	.00	.01	.00	---	---	---	---	---	---	---
8	.00	.08	.00	.63	.00	---	---	---	---	---	---	---
9	.00	.73	.07	.00	.00	---	---	---	---	---	---	---
10	.00	.00	.00	.00	.00	---	---	---	---	---	.00	---
11	.00	.00	.00	.02	.00	---	---	---	---	---	.00	---
12	.00	.00	.01	.40	.35	---	---	---	---	---	.00	---
13	.00	.01	.13	.00	.00	---	---	---	---	---	.81	---
14	.00	.10	.16	.00	.00	---	---	---	---	---	.00	.00
15	.00	.00	.33	.00	.00	---	---	---	---	---	.00	.00
16	.00	.14	1.67	.00	.25	---	---	---	---	---	.00	.00
17	.00	.03	.00	.00	.09	---	---	---	---	---	.00	.00
18	.00	.06	.00	.01	.00	---	---	---	---	---	.00	.00
19	.00	.37	.15	.79	---	---	---	---	---	---	.04	.00
20	.00	.00	.00	.00	---	---	---	---	---	---	.00	.00
21	.00	.00	.15	.00	---	---	---	---	---	---	.00	.00
22	.00	.00	.02	.00	---	---	---	---	---	---	.00	.00
23	.00	.00	.00	.00	---	---	---	---	---	---	.00	.29
24	.00	.18	.00	.00	---	---	---	---	---	---	.00	1.00
25	.00	.31	.00	.00	---	---	---	---	---	---	.00	.00
26	.00	.00	.00	.00	---	---	---	---	---	---	.00	.00
27	.00	.00	.09	.00	---	---	---	---	---	---	.00	.00
28	.00	.00	.00	.00	---	---	---	---	---	---	.01	.00
29	.00	.00	.00	.00	---	---	---	---	---	---	.02	.00
30	.00	.00	.00	.45	---	---	---	---	---	---	.01	.00
31	.00	---	.00	.00	---	---	---	---	---	---	.03	---
TOTAL	0.00	2.06	3.00	2.31	---	---	---	---	---	---	---	---



**SAVANNAH RIVER BASIN  
2001 Water Year**

**02191580 SOUTH FORK BROAD RIVER NEAR ILA, GA**

**LOCATION.**-- Lat 34°09'47", long 83°17'39", 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<sup>2</sup>.

**COOPERATION.**—U.S. Environmental Protection Agency.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**—October 20, 2000 to September 30, 2001.

**GAGE.**—Standard USGS vertical staff gage.

**RATING.**--Rating Number 1, effective October 20, 2000 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
05/15/01	20.28	6.12
07/17/01	20.12	3.96
08/22/01	20.42	4.66

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02191600 DOUBLE BRANCH AT US 29, NEAR DANIELSVILLE, GA**

**LOCATION.**-- Lat 34°06'06", long 83°14'11", Hydrologic Unit 03060104, 1000 feet downstream of US Highway 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<sup>2</sup>.

**COOPERATION.**—U.S. Environmental Protection Agency.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**—October 20, 2000 to September 30, 2001.

**GAGE.**—Standard USGS vertical staff. Datum of gage is 630.00 feet (from topographic map).

**RATING.**--Rating Number 1, effective October 20, 2000 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2001 water year are as follows:

<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
03/23/01	21.26	7.32
05/15/01	20.84	1.87
07/17/01	24.84	0.77
07/25/01	22.94	81.3
08/22/01	20.92	1.05

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02191693 BRUSH CREEK AT MCCARTY-DOBB ROAD, NEAR COMER, GA**

**LOCATION.**-- Lat 34° 03' 55", long 83° 11' 55", Madison County, Hydrologic Unit 02191693, 50.0 feet upstream of culvert on McCarty-Dobb 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<sup>2</sup>.

**COOPERATION.**—U.S. Environmental Protection Agency.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**—October 13, 2000 to September 30, 2001.

**GAGE.**—Standard USGS vertical staff.

**RATING.**--Rating Number 1, effective October 13, 2000 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2001 water year are as follows:

<b><u>DATE</u></b>	<b><u>GAGE-HEIGHT (feet)</u></b>	<b><u>DISCHARGE (ft<sup>3</sup>/s)</u></b>
03/23/01	11.96	60.8
05/15/01	11.18	14.0
07/17/01	11.02	9.27
07/25/01	13.38	256
08/22/01	11.10	12.7

**SAVANNAH RIVER BASIN  
2001 Water Year**

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

**LOCATION.**-- Lat 34° 03' 55", long 83° 10' 07", 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<sup>2</sup>.

**COOPERATION.**—U.S. Environmental Protection Agency.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**--October 13, 2000 to September 30, 2001.

**GAGE.**—Standard USGS vertical staff gage.

**RATING.**--Rating Number 1, effective October 13, 2000 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
03/23/01	35.96	183
05/15/01	34.54	36.4
07/17/01	34.30	19.3
08/22/01	34.32	24.3

**SAVANNAH RIVER BASIN  
2001 Water Year**

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

**LOCATION.**-- Lat 34°01'14", long 83°04'10", Oglethorpe County, Hydrologic Unit 03060104, adjacent to County Road 206, in Watson Mill State Park, under 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<sup>2</sup>.

**COOPERATION.**—U.S. Environmental Protection Agency.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**—October 13, 2000 to September 30, 2001.

**GAGE.**—Standard USGS vertical staff gage.

**RATING.**--Rating Number 1, effective October 13, 2000 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2001 water year are as follows:

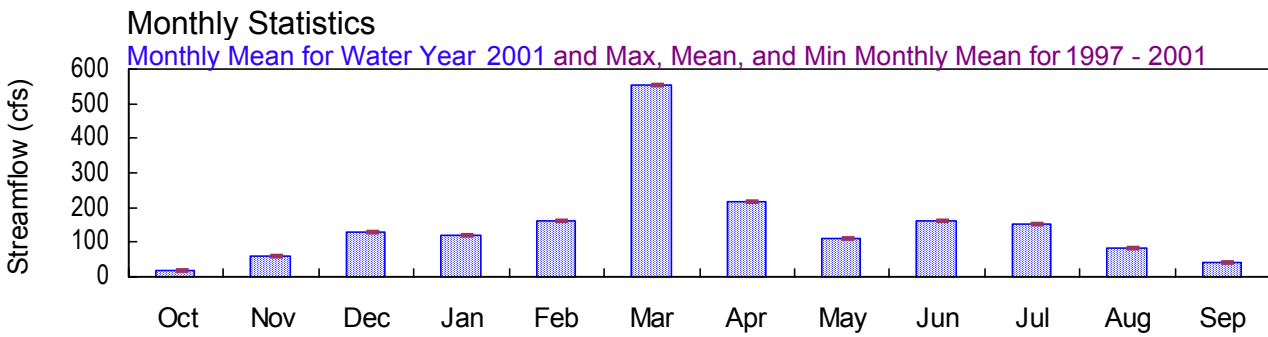
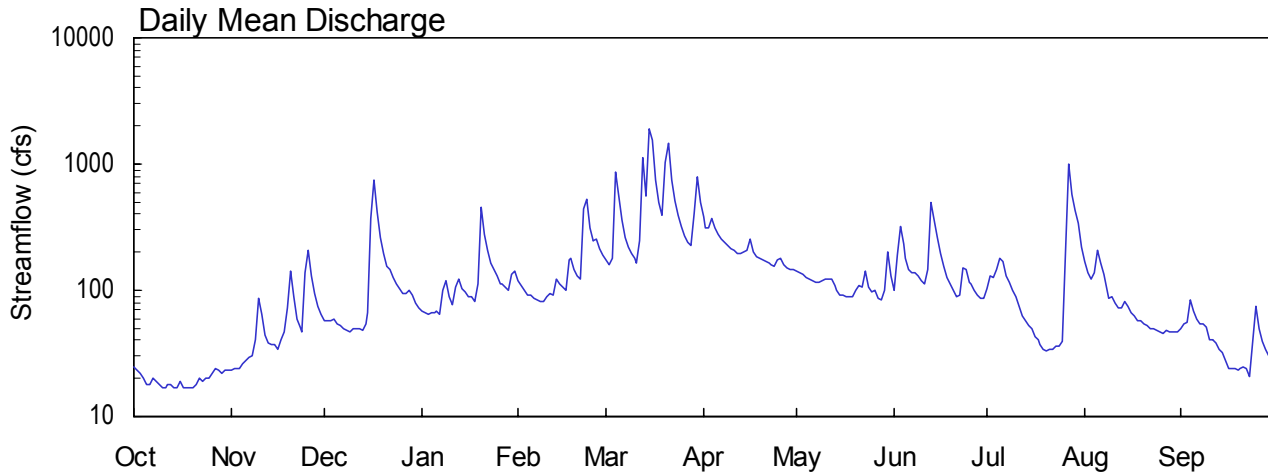
<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
05/15/01	20.89	16.3
07/17/01	24.61	10.6
08/29/01	24.80	12.0

# SAVANNAH RIVER BASIN

## 2001 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<sup>2</sup> Datum: 460 feet Period of Record: 1997 - 2001



**SAVANNAH RIVER BASIN  
2001 Water Year**

**02191743 SOUTH FORK BROAD RIVER AT CARLTON, GA**

**LOCATION.**—Lat 34°01'53", long 83°00'33", 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<sup>2</sup>, approximately.

**COOPERATION.**—U.S. Army Corps of Engineers, Vicksburg District; 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 feet above mean sea level (from topographic map).

**REMARKS.**—Records good, except period of estimated discharge, which are fair.

**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 feet above mean sea level (from topographic map).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**— Maximum gage-height recorded, 4.20 feet, March 15; minimum gage-height recorded, 1.62 feet, several days in October.

STATION NUMBER 02191743 SOUTH FORK BROAD RIVER AT CARLTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340153 LONGITUDE 0830033 DRAINAGE AREA 224.0 DATUM STATE 13 COUNTY 195

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	25	23	58	69	120	173	386	141	e100	102	169	50
2	23	24	57	67	108	159	314	137	e190	131	139	54
3	22	24	57	64	99	177	315	132	e320	126	121	56
4	20	24	60	66	92	859	372	128	e235	e145	137	84
5	18	26	55	66	92	563	311	123	e180	e180	205	68
6	18	28	53	68	87	357	278	118	e144	e170	166	59
7	20	29	50	65	85	260	256	115	137	e130	134	55
8	19	30	48	99	82	217	241	117	137	e115	116	55
9	18	41	47	120	81	195	226	119	131	e100	e86	51
10	17	86	50	88	90	180	216	121	120	e90	88	40
11	17	64	50	78	94	163	205	121	111	74	80	41
12	18	44	50	105	92	244	196	121	147	e63	73	38
13	18	38	48	124	124	1110	195	110	493	e57	72	34
14	17	37	54	104	114	564	201	99	358	e52	82	32
15	17	37	66	97	106	1880	210	92	263	e50	75	28
16	19	34	370	89	101	1550	251	e91	193	e43	67	24
17	17	40	746	88	175	748	204	e90	153	e40	62	24
18	17	47	422	82	181	498	183	e89	126	e37	58	24
19	17	73	265	e114	145	393	180	e90	111	e34	57	23
20	17	140	198	e450	129	1040	173	e100	99	e33	e54	24
21	18	89	156	e280	123	1480	170	e110	89	e34	e52	25
22	20	60	145	205	e440	752	163	107	91	e34	e50	24
23	19	51	125	166	523	510	158	140	151	e36	e49	21
24	20	47	113	146	312	398	153	106	146	e36	e48	39
25	20	137	104	130	250	325	175	96	115	e39	e47	74
26	22	206	95	114	256	273	179	100	113	e200	e46	50
27	24	131	93	111	213	242	161	87	100	e1000	e48	39
28	23	95	99	107	188	224	151	e85	91	582	e47	34
29	22	74	91	99	---	400	146	e100	86	425	e47	30
30	23	65	80	132	---	792	146	e200	86	338	e47	27
31	23	---	73	142	---	502	---	e130	---	222	e47	---
TOTAL	608	1844	3978	3735	4502	17228	6515	3515	4816	4718	2569	1227
MEAN	19.6	61.5	128	120	161	556	217	113	161	152	82.9	40.9
MAX	25	206	746	450	523	1880	386	200	493	1000	205	84
MIN	17	23	47	64	81	159	146	85	86	33	46	21
CFSM	.09	.27	.57	.54	.72	2.48	.97	.51	.72	.68	.37	.18
IN.	.10	.31	.66	.62	.75	2.86	1.08	.58	.80	.78	.43	.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001
MEAN	19.6	61.5	128	120	161
MAX	19.6	61.5	128	120	161
(WY)	2001	2001	2001	2001	2001
MIN	19.6	61.5	128	120	161
(WY)	2001	2001	2001	2001	2001

SUMMARY STATISTICS

FOR 2001 WATER YEAR

WATER YEARS 1997 - 2001

ANNUAL TOTAL	55255	
ANNUAL MEAN	151	151
HIGHEST ANNUAL MEAN		151
LOWEST ANNUAL MEAN		151
HIGHEST DAILY MEAN	1880	1880
LOWEST DAILY MEAN	17	15
ANNUAL SEVEN-DAY MINIMUM	17	17
MAXIMUM PEAK FLOW	2870	2870
MAXIMUM PEAK STAGE	4.20	4.20
ANNUAL RUNOFF (CFSM)	.68	.68
ANNUAL RUNOFF (INCHES)	9.18	9.18
10 PERCENT EXCEEDS	313	270
50 PERCENT EXCEEDS	99	89
90 PERCENT EXCEEDS	24	24

STATISTICS COMPUTED BY: kerestes

DATE: 03/18/2002 AT: 07:51:30

e Estimated



STATION NUMBER 02191743 SOUTH FORK BROAD RIVER AT CARLTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340153 LONGITUDE 0830033 DRAINAGE AREA 224.0 DATUM STATE 13 COUNTY 195

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	1.67	1.66	1.78	1.81	1.90	1.99	2.27	1.94	---	1.87	1.98	1.76
2	1.66	1.66	1.78	1.80	1.88	1.97	2.19	1.93	---	1.92	1.93	1.77
3	1.65	1.66	1.78	1.79	1.86	1.99	2.19	1.92	---	1.91	1.90	1.78
4	1.64	1.67	1.79	1.80	1.85	2.75	2.25	1.91	---	---	1.92	1.84
5	1.63	1.67	1.77	1.80	1.85	2.47	2.18	1.90	---	---	2.04	1.80
6	1.63	1.68	1.77	1.80	1.84	2.23	2.14	1.89	---	---	1.98	1.78
7	1.64	1.69	1.76	1.80	1.84	2.12	2.11	1.89	1.93	---	1.93	1.77
8	1.64	1.69	1.75	1.86	1.83	2.06	2.09	1.89	1.93	---	1.89	1.77
9	1.63	1.73	1.75	1.90	1.83	2.02	2.07	1.90	1.92	---	---	1.76
10	1.62	1.84	1.76	1.84	1.85	2.00	2.05	1.90	1.90	---	1.84	1.73
11	1.62	1.79	1.76	1.83	1.85	1.97	2.04	1.90	1.88	1.82	1.83	1.73
12	1.63	1.74	1.76	1.87	1.85	2.07	2.02	1.90	1.95	---	1.82	1.72
13	1.63	1.72	1.75	1.91	1.91	2.99	2.02	1.88	2.38	---	1.81	1.71
14	1.62	1.72	1.77	1.87	1.89	2.47	2.03	1.86	2.23	---	1.83	1.70
15	1.62	1.72	1.80	1.86	1.87	3.49	2.04	1.85	2.12	---	1.82	1.68
16	1.63	1.71	2.23	1.85	1.87	3.33	2.10	---	2.02	---	1.80	1.66
17	1.62	1.73	2.66	1.84	1.99	2.66	2.03	---	1.96	---	1.79	1.66
18	1.62	1.75	2.31	1.83	2.00	2.40	2.00	---	1.91	---	1.78	1.66
19	1.62	1.81	2.12	---	1.94	2.27	2.00	---	1.88	---	1.78	1.66
20	1.62	1.93	2.03	---	1.92	2.86	1.99	---	1.86	---	---	1.66
21	1.63	1.84	1.96	---	1.90	3.28	1.98	---	1.85	---	---	1.67
22	1.64	1.79	1.94	2.04	---	2.66	1.97	1.88	1.85	---	---	1.66
23	1.64	1.76	1.91	1.98	2.42	2.41	1.96	1.92	1.95	---	---	1.65
24	1.64	1.75	1.89	1.94	2.18	2.28	1.96	1.88	1.94	---	---	1.72
25	1.64	1.92	1.87	1.92	2.10	2.20	1.99	1.86	1.89	---	---	1.82
26	1.65	2.04	1.86	1.89	2.11	2.13	1.99	1.86	1.89	---	---	1.76
27	1.66	1.92	1.85	1.88	2.05	2.09	1.97	1.84	1.86	---	---	1.73
28	1.66	1.85	1.86	1.88	2.01	2.07	1.95	---	1.85	2.49	---	1.71
29	1.65	1.82	1.85	1.86	---	2.27	1.94	---	1.84	2.31	---	1.69
30	1.66	1.80	1.83	1.92	---	2.70	1.94	---	1.84	2.21	---	1.68
31	1.66	---	1.82	1.94	---	2.40	---	---	---	2.06	---	---
MEAN	1.64	1.77	1.89	---	---	2.41	2.05	---	---	---	---	1.72
MAX	1.67	2.04	2.66	---	---	3.49	2.27	---	---	---	---	1.84
MIN	1.62	1.66	1.75	---	---	1.97	1.94	---	---	---	---	1.65

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02191930 BUFFALO CREEK NEAR LEXINGTON, GA**

**LOCATION.**--Lat 33°46'46", long 83°03'01", Oglethorpe County, Hydrologic Unit 03060104, at culvert on GA Highway 22, 7.0 miles southeast of Lexington.

**DRAINAGE AREA.**—5.31 mi<sup>2</sup>.

**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 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:** 9.47 feet, April 26, 1982

**DISCHARGE:** 1,650 ft<sup>3</sup>/s, April 26, 1982

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 5.15 feet, March 15

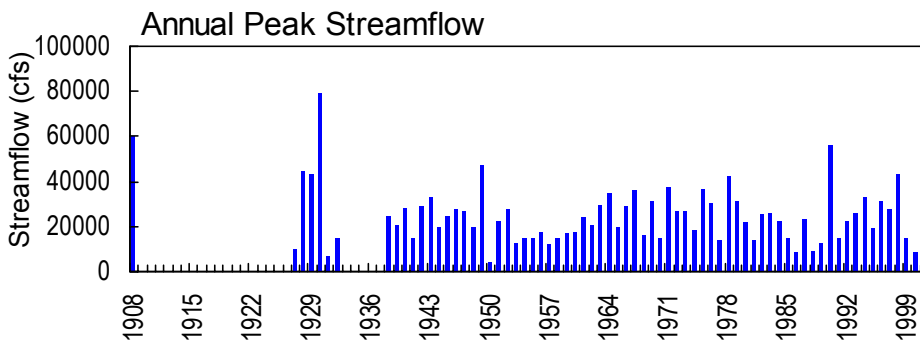
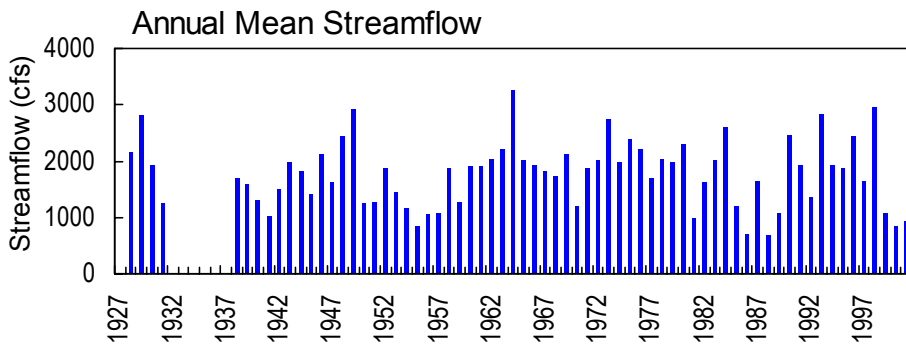
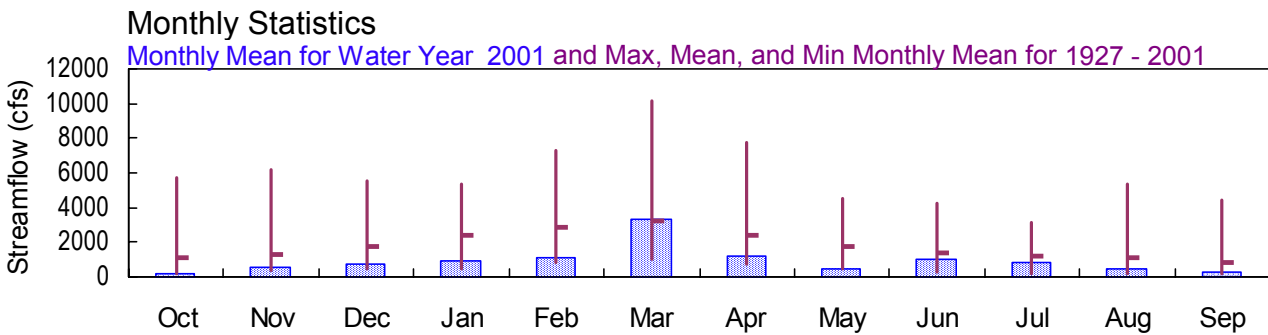
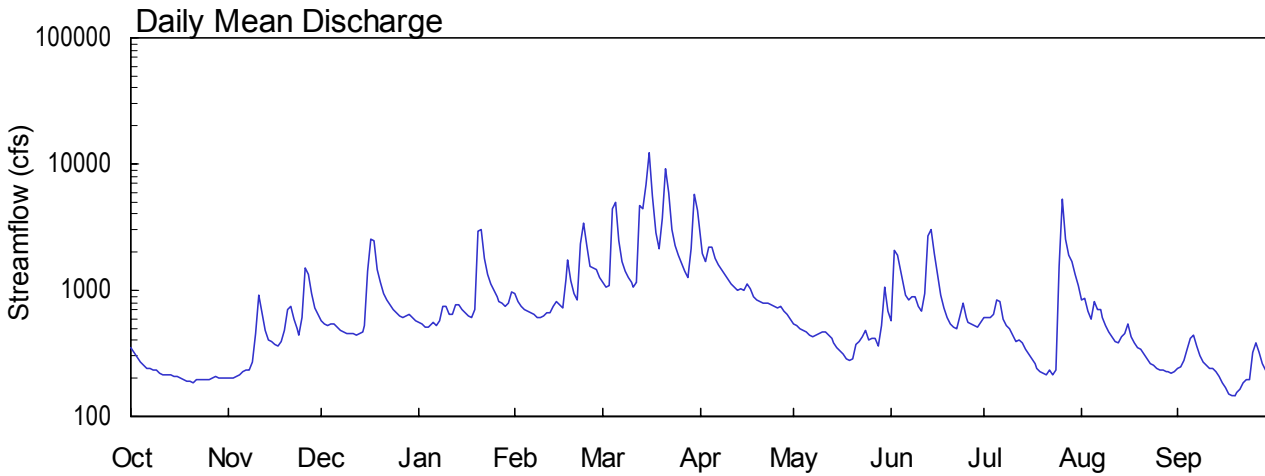
**DISCHARGE:** 430 ft<sup>3</sup>/s, March 15

# SAVANNAH RIVER BASIN

## 2001 Water Year

### 02192000 BROAD RIVER NEAR BELL, GA

Latitude: 33° 58' 27" Longitude: 82° 46' 12" Hydrologic Unit Code: 03060104 Elbert County  
 Drainage Area: 1430 mi<sup>2</sup> Datum: 357.2 feet Period of Record: 1927 - 2001



USGS 02192000 Broad River near Bell, GA

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02192000 BROAD RIVER NEAR BELL, GA**

**LOCATION.**--Lat 33°58'27", long 82°46'12", Elbert-Wilkes County line, Hydrologic Unit 03060104, at downstream side of main channel pier of bridge on GA Highway 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<sup>2</sup>, 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 sea level. 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 16	1245	13,300*	17.03*

**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 sea level. 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, 17.03 feet, March 16; minimum gage-height recorded, 2.72 feet, September 17-20.

STATION NUMBER 02192000 BROAD RIVER NEAR BELL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335827 LONGITUDE 0824612 DRAINAGE AREA 1430.00 DATUM 357.16 STATE 13 COUNTY 105

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	355	200	576	554	955	1160	2540	e550	583	614	837	238
2	318	202	539	537	822	1070	1930	e520	2100	603	876	250
3	293	204	526	519	747	1080	1710	e500	1880	601	692	281
4	273	208	547	514	702	4450	2170	484	1430	638	599	341
5	256	214	539	547	678	4960	2200	463	1220	835	827	415
6	242	224	511	556	662	2470	1780	444	929	827	712	445
7	238	232	488	534	638	1700	1580	429	838	596	701	363
8	236	236	474	581	617	1400	1440	441	891	531	618	303
9	230	267	460	755	608	1250	1320	456	883	e500	534	273
10	219	458	454	752	620	1150	1220	470	755	e440	475	255
11	212	927	456	642	665	1060	1140	475	689	e390	430	243
12	214	672	448	646	669	1160	1060	447	945	e400	398	242
13	214	480	453	778	749	4740	1010	418	2680	380	381	225
14	213	409	469	774	818	4470	1020	385	3050	343	428	205
15	210	389	529	699	760	6910	996	354	1930	313	460	186
16	206	366	1400	659	730	12200	1140	330	1320	286	544	167
17	204	359	2540	626	1240	5560	1040	308	925	263	430	152
18	195	399	2460	608	1720	2880	882	286	724	241	386	148
19	191	481	1480	698	1190	2130	834	274	602	228	355	148
20	189	714	1150	2980	932	3680	813	283	549	218	343	155
21	186	749	945	3010	845	9110	802	372	512	215	314	163
22	193	595	839	1780	2320	5860	795	389	500	231	286	182
23	198	495	776	1340	3410	3070	785	431	624	214	264	195
24	197	445	702	1130	2230	2280	775	480	795	235	251	193
25	193	607	660	999	1570	1890	e740	409	609	1550	241	323
26	196	1490	631	894	1500	1620	e720	418	559	5270	232	377
27	202	1350	612	821	1460	1410	e740	415	541	2560	233	324
28	205	933	619	783	1280	1280	e680	364	526	1880	228	262
29	204	735	637	745	---	2130	e640	520	508	1710	223	231
30	200	637	616	789	---	5700	e590	1070	551	1340	221	216
31	199	---	579	975	---	4280	---	680	---	1080	226	---
TOTAL	6881	15677	24115	28225	31137	104110	35092	13865	30648	25532	13745	7501
MEAN	222	523	778	910	1112	3358	1170	447	1022	824	443	250
MAX	355	1490	2540	3010	3410	12200	2540	1070	3050	5270	876	445
MIN	186	200	448	514	608	1060	590	274	500	214	221	148
CFSM	.16	.37	.54	.64	.78	2.35	.82	.31	.71	.58	.31	.17
IN.	.18	.41	.63	.73	.81	2.71	.91	.36	.80	.66	.36	.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2001, BY WATER YEAR (WY)

	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	1102	1262	1791	2442	2867	3265	2440	1722	1365	1159	1065	876																																																															
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	392	455	506	803	970	766	447	238	162	212	158																																																															
(WY)	1955	1982	1956	1956	1989	1988	1986	2001	1988	1986	1988	1954																																																															

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1927 - 2001
ANNUAL TOTAL	289212	336528	
ANNUAL MEAN	790	922	1779
HIGHEST ANNUAL MEAN			3261
LOWEST ANNUAL MEAN			692
HIGHEST DAILY MEAN	8170	Mar 21	12200
LOWEST DAILY MEAN	97	Jul 22	148
ANNUAL SEVEN-DAY MINIMUM	107	Jul 18	159
MAXIMUM PEAK FLOW			13300
MAXIMUM PEAK STAGE			17.03
ANNUAL RUNOFF (CFSM)	.55		.64
ANNUAL RUNOFF (INCHES)	7.52		8.75
10 PERCENT EXCEEDS	1520		1880
50 PERCENT EXCEEDS	522		590
90 PERCENT EXCEEDS	199		214

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/06/2002 AT: 11:54:57

e Estimated

STATION NUMBER 02192000 BROAD RIVER NEAR BELL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335827 LONGITUDE 0824612 DRAINAGE AREA 1430.00 DATUM 357.16 STATE 13 COUNTY 105

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

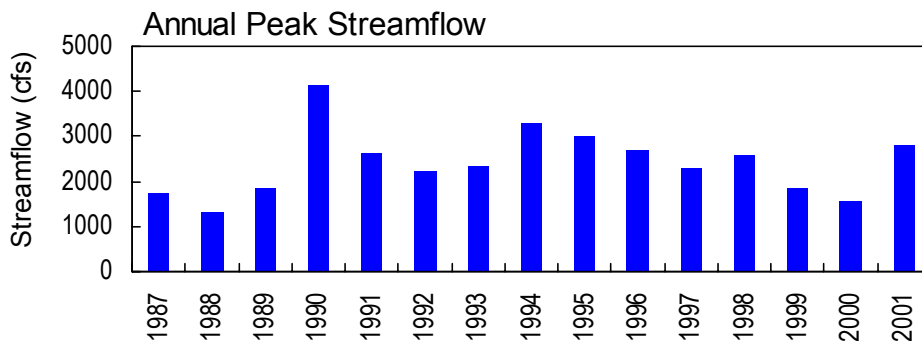
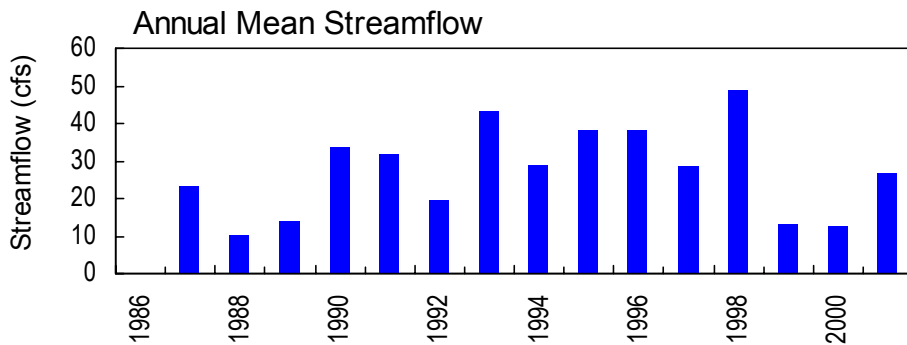
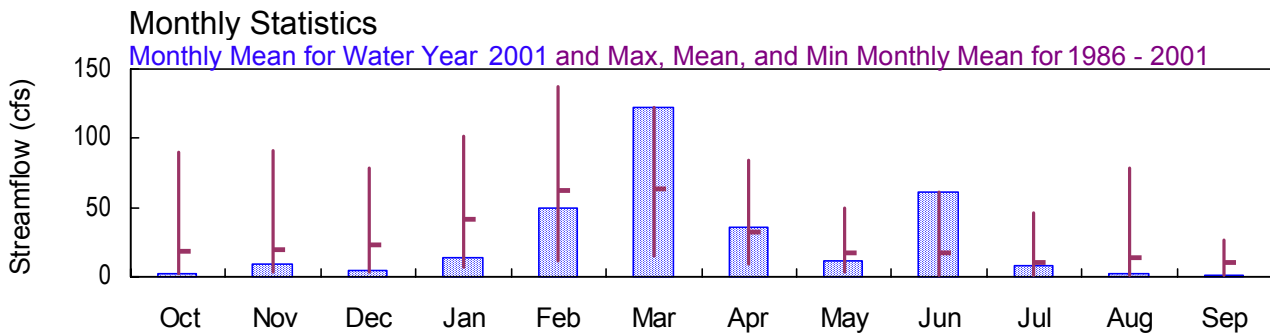
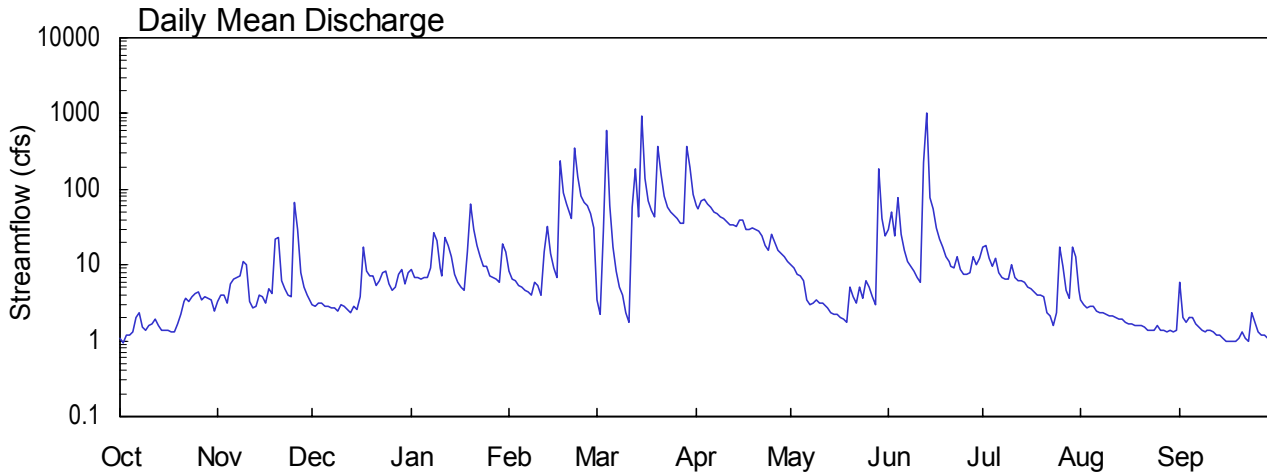
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.47	3.05	3.97	4.00	4.79	5.13	7.25	---	4.34	4.04	4.34	3.00
2	3.37	3.05	3.89	3.96	4.55	4.98	6.48	---	6.53	4.02	4.42	3.03
3	3.31	3.06	3.86	3.92	4.40	5.00	6.18	---	6.17	4.01	4.05	3.11
4	3.25	3.07	3.91	3.91	4.31	9.40	6.79	4.15	5.50	4.08	3.87	3.27
5	3.21	3.09	3.89	3.99	4.27	10.02	6.84	4.11	5.15	4.46	4.32	3.45
6	3.17	3.12	3.83	4.01	4.23	7.03	6.29	4.06	4.64	4.45	4.09	3.52
7	3.16	3.14	3.77	3.96	4.18	5.98	6.01	4.03	4.47	4.00	4.07	3.33
8	3.15	3.15	3.74	4.06	4.14	5.53	5.81	4.06	4.57	3.86	3.90	3.17
9	3.13	3.24	3.72	4.42	4.12	5.29	5.63	4.09	4.56	---	3.73	3.09
10	3.10	3.70	3.71	4.41	4.14	5.13	5.48	4.12	4.32	---	3.59	3.04
11	3.08	4.65	3.71	4.19	4.24	4.97	5.36	4.13	4.19	---	3.49	3.01
12	3.09	4.16	3.69	4.20	4.25	5.12	5.23	4.07	4.67	---	3.41	3.01
13	3.09	3.76	3.70	4.47	4.41	9.75	5.14	4.00	7.23	3.52	3.37	2.96
14	3.08	3.60	3.74	4.46	4.54	9.44	5.16	3.92	7.76	3.43	3.48	2.90
15	3.08	3.55	3.87	4.31	4.43	11.72	5.13	3.84	6.24	3.35	3.56	2.84
16	3.06	3.49	5.41	4.23	4.37	16.25	5.36	3.78	5.31	3.28	3.75	2.78
17	3.06	3.48	7.08	4.16	5.25	10.57	5.19	3.73	4.63	3.22	3.49	2.74
18	3.03	3.57	7.01	4.12	6.00	7.66	4.94	3.67	4.26	3.16	3.38	2.73
19	3.02	3.76	5.65	4.29	5.19	6.75	4.86	3.64	4.01	3.12	3.31	2.73
20	3.01	4.24	5.11	7.60	4.75	8.50	4.82	3.66	3.90	3.09	3.28	2.75
21	3.00	4.31	4.77	7.71	4.59	13.97	4.80	3.89	3.82	3.08	3.20	2.77
22	3.03	4.01	4.58	6.09	6.72	10.92	4.79	3.93	3.79	3.13	3.13	2.83
23	3.04	3.79	4.46	5.42	8.22	7.89	4.77	4.03	4.05	3.08	3.07	2.87
24	3.04	3.69	4.31	5.09	6.72	6.94	4.76	4.15	4.39	3.14	3.03	2.87
25	3.03	4.02	4.23	4.86	5.79	6.43	---	3.98	4.02	5.31	3.00	3.22
26	3.04	5.58	4.17	4.68	5.68	6.06	---	4.00	3.92	10.36	2.98	3.36
27	3.05	5.36	4.13	4.55	5.62	5.76	---	3.99	3.88	7.03	2.98	3.23
28	3.06	4.65	4.14	4.48	5.33	5.56	---	3.87	3.85	6.08	2.97	3.06
29	3.06	4.29	4.18	4.40	---	6.63	---	4.22	3.81	5.82	2.95	2.98
30	3.05	4.09	4.14	4.49	---	10.84	---	5.24	3.90	5.24	2.95	2.93
31	3.04	---	4.06	4.82	---	9.25	---	4.56	---	4.78	2.96	---
MEAN	3.11	3.79	4.34	4.62	4.97	7.89	---	---	4.73	---	3.49	3.02
MAX	3.47	5.58	7.08	7.71	8.22	16.25	---	---	7.76	---	4.42	3.52
MIN	3.00	3.05	3.69	3.91	4.12	4.97	---	---	3.79	---	2.95	2.73

# SAVANNAH RIVER BASIN

## 2001 Water Year

### 02193340 KETTLE CREEK NEAR WASHINGTON, GA

Latitude: 33° 40' 57" Longitude: 82° 51' 29" Hydrologic Unit Code: 03060105 Wilkes County  
 Drainage Area: 33.9 mi<sup>2</sup> Datum: 416.1 feet Period of Record: 1986 - 2001



**SAVANNAH RIVER BASIN  
2001 Water Year**

**02193340 KETTLE CREEK NEAR WASHINGTON, GA**

**LOCATION.**--Lat 33°40'57", long 82°51'29", Wilkes County, Hydrologic Unit 03060105, on right bank, 300 feet upstream from County Road 68, 1.35 miles upstream from Little Kettle Creek, and 7.8 miles southwest of Washington.

**DRAINAGE AREA.**--33.9 mi<sup>2</sup>.

**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 sea level.

**REMARKS.**--Records good, except those less than 10 ft<sup>3</sup>/s, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 600 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Feb. 22	1130	997	8.74
Mar. 04	0345	1,840	11.31
Mar. 15	1030	2,490	13.28
Mar. 20	1400	1,130	9.15
Mar. 29	1800	1,200	9.40
Jun. 13	0215	2,810*	14.19

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- April 1986 to current year.

**GAGE.**-- Water-stage recorder. Datum of gage is 416.06 feet above sea level.

**REMARKS.**-- Records good.

**EXTREMES FOR CURRENT YEAR.**- Maximum gage-height recorded, 14.19 feet, June 13; minimum gage-height recorded, 2.99 feet, September 23.



STATION NUMBER 02193340 KETTLE CREEK NEAR WASHINGTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334057 LONGITUDE 0825129 DRAINAGE AREA 33.90 DATUM 416.06 STATE 13 COUNTY 317

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	1.1	3.3	3.0	8.6	8.4	3.5	62	10	30	17	3.5	5.8
2	.95	4.0	2.9	7.0	6.5	2.2	56	9.0	49	18	3.0	2.0
3	1.2	4.1	3.2	e7.0	6.1	28	71	7.7	24	12	2.7	1.8
4	1.2	3.2	3.2	e6.5	5.4	603	74	7.1	79	9.8	2.9	2.0
5	1.3	5.6	2.9	e7.0	5.1	60	63	6.3	25	12	2.8	2.0
6	2.0	6.5	2.8	6.7	4.7	17	57	3.4	16	7.8	2.5	1.7
7	2.3	6.7	2.7	9.0	4.4	8.4	50	3.0	11	6.8	2.4	1.5
8	1.5	7.2	2.7	27	4.1	5.0	48	3.1	9.6	6.5	2.3	1.4
9	1.4	11	2.5	21	5.8	4.1	44	3.4	8.3	6.4	2.2	1.3
10	1.6	10	3.0	9.3	5.5	2.3	41	3.2	6.7	10	2.1	1.4
11	1.7	3.3	2.8	7.2	4.0	1.8	37	3.2	5.8	7.0	2.1	1.4
12	1.9	2.7	2.6	23	15	59	34	3.0	227	6.3	2.0	1.3
13	1.6	2.8	2.3	18	33	186	34	2.7	1020	6.1	1.9	1.2
14	1.4	4.0	2.9	13	14	44	32	2.4	78	6.0	1.9	1.2
15	1.4	3.9	2.6	7.5	9.1	945	40	2.2	55	5.1	1.8	1.1
16	1.4	3.2	3.8	5.9	6.8	142	40	2.2	31	4.8	1.7	1.0
17	1.3	4.9	17	5.2	243	69	30	2.0	22	4.5	1.7	1.0
18	1.3	4.3	8.5	4.7	92	53	29	1.9	17	4.1	1.6	1.0
19	1.7	22	7.1	15	64	43	31	1.8	13	4.0	1.6	1.0
20	2.2	23	7.2	64	54	362	29	5.1	11	3.8	1.6	1.1
21	3.3	6.3	5.3	29	42	164	28	3.8	9.4	2.3	1.5	1.3
22	3.6	4.9	6.1	18	342	80	24	3.2	9.1	2.1	1.4	1.1
23	3.3	4.0	8.1	13	144	58	18	5.1	13	1.6	1.4	1.0
24	3.9	3.8	8.5	9.8	80	49	16	3.7	8.7	2.4	1.4	2.4
25	4.2	68	5.7	9.5	66	45	25	6.3	7.7	17	1.6	1.8
26	4.4	30	4.7	7.1	60	41	20	5.2	7.4	9.4	1.4	1.3
27	3.5	8.0	5.1	6.9	48	35	16	3.8	7.8	4.6	1.4	1.2
28	3.9	5.2	7.6	6.4	31	35	14	3.0	13	3.7	1.3	1.2
29	3.6	4.0	8.6	5.8	---	359	13	189	10	17	1.4	1.1
30	3.4	3.3	5.7	19	---	194	11	42	12	13	1.3	1.0
31	2.5	---	8.1	15	---	84	---	24	---	4.6	1.4	---
TOTAL	70.05	273.2	159.2	412.1	1403.9	3782.3	1087	371.8	1836.5	235.7	59.8	45.6
MEAN	2.26	9.11	5.14	13.3	50.1	122	36.2	12.0	61.2	7.60	1.93	1.52
MAX	4.4	68	17	64	342	945	74	189	1020	18	3.5	5.8
MIN	.95	2.7	2.3	4.7	4.0	1.8	11	1.8	5.8	1.6	1.3	1.0
CFSM	.07	.27	.15	.39	1.48	3.60	1.07	.35	1.81	.22	.06	.04
IN.	.08	.30	.17	.45	1.54	4.15	1.19	.41	2.02	.26	.07	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2001, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	18.4	20.1	23.3	42.1	61.9	62.9	32.0	16.9	16.8	10.2	14.1	10.1				
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	2.20	3.64	3.95	6.68	12.0	15.2	8.98	3.49	1.50	1.15	.72	1.52				
(WY)	1989	2000	1989	1989	1989	1988	2000	2000	2000	2000	1988	2001				

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1986 - 2001

ANNUAL TOTAL		4816.95		9737.15												
ANNUAL MEAN		13.2		26.7						27.5						
HIGHEST ANNUAL MEAN										49.0						1998
LOWEST ANNUAL MEAN										10.4						1988
HIGHEST DAILY MEAN			432	Feb 14			1020	Jun 13		2170			Oct 1			1989
LOWEST DAILY MEAN		.95	Oct 2			.95	Oct 2			.12			Aug 28			1988
ANNUAL SEVEN-DAY MINIMUM		1.0	Aug 13			1.1	Sep 14			.23			Aug 23			1988
MAXIMUM PEAK FLOW							2810	Jun 13		4150			Oct 1			1989
MAXIMUM PEAK STAGE							14.19	Jun 13		17.68			Oct 1			1989
ANNUAL RUNOFF (CFSM)		.39				.79				.81						
ANNUAL RUNOFF (INCHES)		5.29				10.69				11.01						
10 PERCENT EXCEEDS		18				54				45						
50 PERCENT EXCEEDS		4.1				5.8				10						
90 PERCENT EXCEEDS		1.1				1.4				2.4						

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/06/2002 AT: 11:56:03

e Estimated

STATION NUMBER 02193340 KETTLE CREEK NEAR WASHINGTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334057 LONGITUDE 0825129 DRAINAGE AREA 33.90 DATUM 416.06 STATE 13 COUNTY 317

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

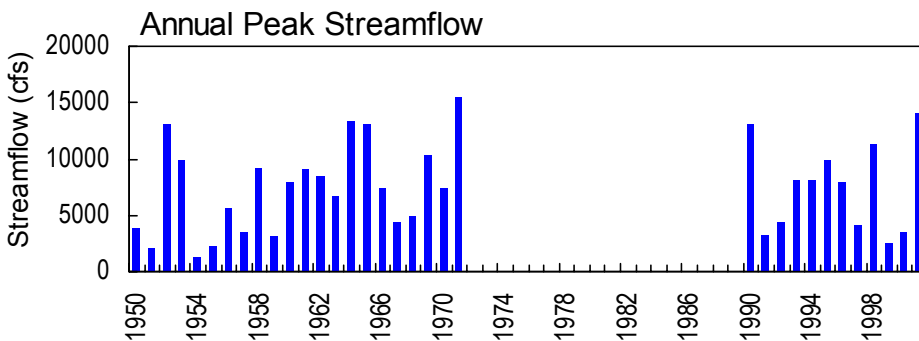
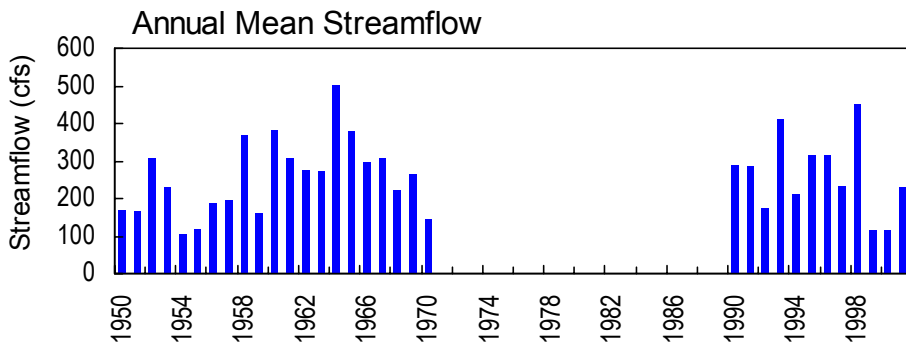
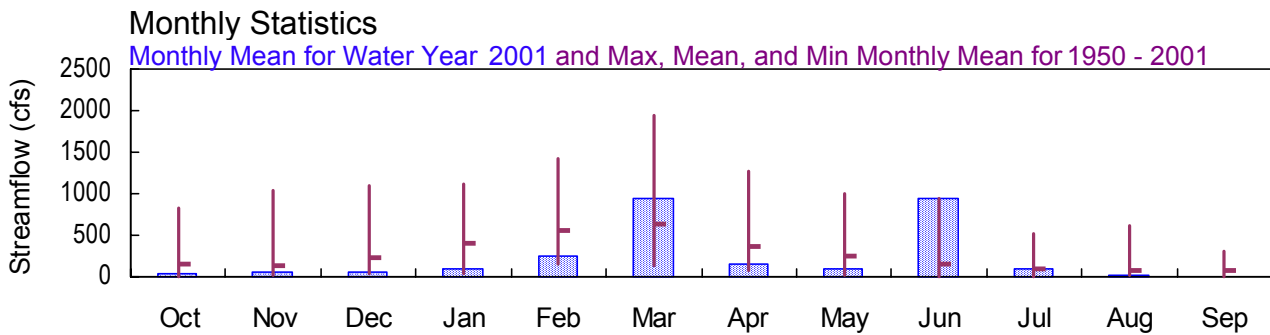
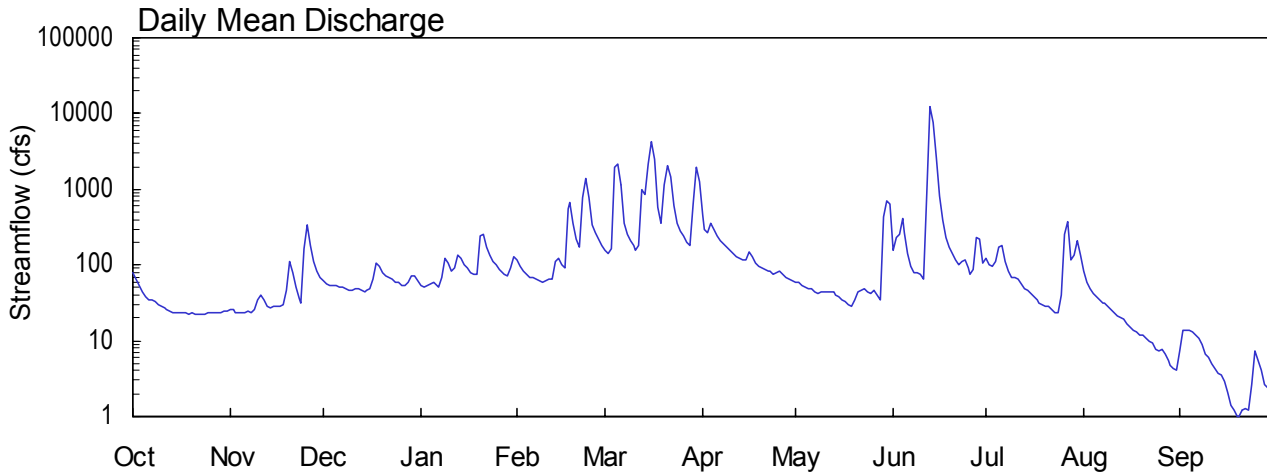
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.32	3.51	3.62	3.77	3.82	3.64	4.17	3.51	3.77	3.45	3.21	3.27
2	3.29	3.55	3.61	3.75	3.77	3.56	4.10	3.49	4.00	3.46	3.18	3.12
3	3.33	3.55	3.63	---	3.76	3.93	4.25	3.46	3.71	3.37	3.17	3.10
4	3.34	3.51	3.63	---	3.74	6.97	4.30	3.44	4.29	3.33	3.18	3.12
5	3.34	3.59	3.61	---	3.73	4.43	4.18	3.42	3.72	3.37	3.17	3.12
6	3.41	3.62	3.61	3.77	3.71	4.02	4.10	3.30	3.61	3.28	3.16	3.09
7	3.44	3.63	3.60	3.80	3.69	3.87	4.03	3.27	3.53	3.25	3.15	3.07
8	3.37	3.64	3.60	4.02	3.68	3.76	4.00	3.28	3.50	3.24	3.14	3.06
9	3.36	3.71	3.59	3.97	3.74	3.72	3.95	3.29	3.47	3.24	3.14	3.05
10	3.38	3.69	3.62	3.83	3.74	3.60	3.92	3.28	3.43	3.33	3.13	3.06
11	3.39	3.51	3.61	3.80	3.67	3.56	3.87	3.28	3.40	3.26	3.12	3.06
12	3.41	3.47	3.59	3.98	3.84	4.03	3.83	3.27	4.44	3.24	3.12	3.05
13	3.38	3.48	3.57	3.94	4.08	5.19	3.83	3.25	8.35	3.23	3.11	3.03
14	3.36	3.54	3.61	3.88	3.91	4.33	3.81	3.23	4.24	3.23	3.11	3.03
15	3.36	3.54	3.60	3.80	3.83	8.10	3.91	3.22	3.97	3.20	3.10	3.01
16	3.36	3.51	3.66	3.75	3.78	4.85	3.91	3.21	3.65	3.18	3.09	3.00
17	3.35	3.58	3.93	3.73	5.44	4.24	3.78	3.20	3.52	3.17	3.09	3.00
18	3.34	3.56	3.82	3.71	4.59	4.06	3.77	3.19	3.45	3.15	3.08	3.00
19	3.39	3.83	3.79	3.85	4.37	3.94	3.79	3.18	3.39	3.15	3.09	3.00
20	3.44	3.85	3.79	4.37	4.28	5.83	3.77	3.36	3.36	3.14	3.08	3.01
21	3.51	3.62	3.73	4.05	4.17	5.01	3.76	3.31	3.32	3.13	3.07	3.04
22	3.52	3.58	3.76	3.94	5.87	4.35	3.71	3.28	3.32	3.13	3.06	3.01
23	3.51	3.55	3.79	3.89	4.91	4.11	3.64	3.38	3.40	3.09	3.05	3.00
24	3.54	3.54	3.78	3.84	4.50	4.01	3.61	3.31	3.31	3.15	3.06	3.13
25	3.56	4.29	3.74	3.83	4.39	3.96	3.72	3.40	3.28	3.48	3.08	3.10
26	3.56	4.04	3.71	3.79	4.33	3.91	3.66	3.38	3.27	3.40	3.06	3.04
27	3.52	3.80	3.72	3.78	4.23	3.84	3.61	3.32	3.28	3.26	3.05	3.03
28	3.54	3.72	3.80	3.76	4.05	3.85	3.59	3.27	3.39	3.22	3.05	3.03
29	3.52	3.67	3.82	3.75	---	5.67	3.56	4.96	3.34	3.52	3.06	3.02
30	3.49	3.63	3.75	3.94	---	5.19	3.53	3.93	3.35	3.45	3.05	3.01
31	3.45	---	3.76	3.91	---	4.39	---	3.71	---	3.27	3.06	---
MEAN	3.42	3.64	3.69	---	4.13	4.45	3.86	3.40	3.74	3.27	3.11	3.06
MAX	3.56	4.29	3.93	---	5.87	8.10	4.30	4.96	8.35	3.52	3.21	3.27
MIN	3.29	3.47	3.57	---	3.67	3.56	3.53	3.18	3.27	3.09	3.05	3.00

**SAVANNAH RIVER BASIN**

**2001 Water Year**

**02193500 LITTLE RIVER NEAR WASHINGTON, GA**

Latitude: 33° 36' 46" Longitude: 82° 44' 33" Hydrologic Unit Code: 03060105 Wilkes County  
 Drainage Area: 291 mi<sup>2</sup> Datum: 353.9 feet Period of Record: 1950 - 2001



02193500 - Little River near Washington, GA

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02193500 LITTLE RIVER NEAR WASHINGTON, GA**

**LOCATION.**--Lat 33°36'40", long 82°44'40", Wilkes-Taliaferro County line, Hydrologic Unit 03060105, on left bank on downstream side of county bridge pier, 700 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<sup>2</sup>.

**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 sea level (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.

**PEAK DISCHARGES FOR CURRENT PERIOD.**--Peak discharges greater than base discharge of 3,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 16	0500	4,820	20.07
Jun. 13	1515	14,100*	28.38*

**SAVANNAH RIVER BASIN  
2001 Water Year**

**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 sea level (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, 28.38 feet, June 13; minimum gage-height recorded 3.59 feet, September 20.

**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 STREAM SOURCE AGENCY USGS  
 LATITUDE 333646 LONGITUDE 0824433 DRAINAGE AREA 291.00 DATUM 353.88 STATE 13 COUNTY 317

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	85	7.4
2	64	26	56	52	94	141	299	58	230	101	60	14
3	54	24	54	55	82	163	270	55	258	96	49	14
4	45	24	55	57	74	1920	351	52	405	112	42	14
5	38	23	53	58	70	2160	294	49	263	170	38	13
6	34	23	52	56	67	1130	244	48	140	178	35	12
7	35	25	50	50	64	364	213	45	96	111	32	11
8	33	24	48	67	61	260	191	43	79	82	31	8.7
9	30	26	46	121	60	214	175	44	78	70	28	6.7
10	28	34	47	107	63	185	158	44	76	67	26	6.0
11	27	40	48	82	65	160	143	45	65	66	23	4.9
12	26	34	48	92	65	179	131	45	869	56	21	4.3
13	25	29	46	135	110	990	122	45	12600	49	20	3.8
14	24	27	45	121	122	845	117	41	7540	46	19	3.5
15	24	28	47	102	101	2170	118	38	2650	42	17	2.9
16	23	28	48	90	90	4200	147	35	830	38	15	2.1
17	23	28	66	81	556	2460	130	33	393	34	14	1.4
18	24	30	107	76	664	589	106	30	236	32	13	1.2
19	22	46	94	77	353	349	95	28	176	30	12	1.0
20	23	109	81	240	215	1160	90	34	141	28	12	1.0
21	22	80	73	254	170	2080	86	44	116	28	11	1.2
22	22	50	68	169	784	1450	84	47	100	26	10	1.3
23	22	37	64	132	1390	595	82	48	109	24	9.2	1.2
24	22	31	60	113	782	357	76	45	118	24	7.6	2.6
25	23	161	58	99	344	285	80	42	91	41	7.4	7.5
26	24	333	55	88	270	241	84	46	77	257	7.6	5.4
27	23	183	54	82	220	203	76	41	87	373	6.7	4.0
28	23	111	58	76	182	177	69	35	226	119	5.6	2.7
29	24	83	72	72	---	628	65	436	218	137	4.7	2.4
30	25	70	72	92	---	1990	62	714	108	210	4.4	2.1
31	25	---	61	131	---	1260	---	639	---	135	4.1	---
TOTAL	936	1793	1847	3082	7235	29063	4606	3009	28532	2904	670.3	163.3
MEAN	30.2	59.8	59.6	99.4	258	938	154	97.1	951	93.7	21.6	5.44
MAX	79	333	107	254	1390	4200	448	714	12600	373	85	14
MIN	22	23	45	50	60	141	62	28	65	24	4.1	1.0
CFSM	.10	.21	.20	.34	.89	3.22	.53	.33	3.27	.32	.07	.02
IN.	.12	.23	.24	.39	.92	3.72	.59	.38	3.65	.37	.09	.02

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

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	146	138	234	411	549	640	374	254	154	98.5	85.2	71.2																																								
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	.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	83840.6
ANNUAL MEAN	122	230
HIGHEST ANNUAL MEAN		258
LOWEST ANNUAL MEAN		500
HIGHEST DAILY MEAN	2840 Sep 24	12600 Jun 13
LOWEST DAILY MEAN	.63 Aug 20	1.0 Sep 19
ANNUAL SEVEN-DAY MINIMUM	.95 Aug 14	1.2 Sep 17
MAXIMUM PEAK FLOW		14100 Jun 13
MAXIMUM PEAK STAGE		28.38 Jun 13
INSTANTANEOUS LOW FLOW		.32 Oct 12 1954
ANNUAL RUNOFF (CFSM)	.42	.79
ANNUAL RUNOFF (INCHES)	5.69	10.72
10 PERCENT EXCEEDS	184	352
50 PERCENT EXCEEDS	36	61
90 PERCENT EXCEEDS	3.3	12

STATISTICS COMPUTED BY: tpojunas

DATE: 02/21/2002 AT: 14:27:55

STATION NUMBER 02193500 LITTLE RIVER NEAR WASHINGTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333646 LONGITUDE 0824433 DRAINAGE AREA 291.00 DATUM 353.88 STATE 13 COUNTY 317

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	5.32	4.59	4.91	4.83	5.48	5.83	7.51	4.86	5.82	5.60	5.27	3.93
2	5.17	4.59	4.85	4.80	5.26	5.70	6.75	4.83	6.31	5.43	5.00	4.15
3	5.05	4.56	4.83	4.84	5.14	5.85	6.58	4.80	6.50	5.38	4.85	4.14
4	4.92	4.55	4.84	4.85	5.06	13.19	7.04	4.76	7.29	5.52	4.75	4.13
5	4.81	4.52	4.81	4.88	5.02	14.04	6.72	4.72	6.53	5.98	4.69	4.12
6	4.75	4.52	4.80	4.84	4.99	10.41	6.43	4.69	5.67	6.04	4.63	4.08
7	4.77	4.57	4.77	4.76	4.95	7.10	6.23	4.65	5.27	5.51	4.58	4.04
8	4.73	4.55	4.73	4.97	4.91	6.53	6.08	4.63	5.09	5.24	4.55	3.98
9	4.68	4.59	4.71	5.52	4.90	6.25	5.95	4.64	5.09	5.12	4.49	3.91
10	4.64	4.76	4.72	5.39	4.93	6.04	5.82	4.63	5.06	5.09	4.45	3.89
11	4.62	4.85	4.73	5.15	4.96	5.85	5.71	4.66	4.93	5.07	4.38	3.84
12	4.60	4.75	4.73	5.25	4.96	5.96	5.60	4.65	7.68	4.95	4.32	3.81
13	4.57	4.66	4.71	5.65	5.42	9.93	5.51	4.65	27.31	4.85	4.29	3.78
14	4.55	4.62	4.69	5.52	5.53	9.33	5.47	4.59	22.89	4.80	4.26	3.77
15	4.54	4.63	4.72	5.34	5.33	13.80	5.48	4.54	15.55	4.74	4.21	3.74
16	4.53	4.65	4.74	5.22	5.22	19.17	5.74	4.49	9.24	4.68	4.16	3.69
17	4.52	4.64	4.96	5.14	7.90	15.03	5.59	4.45	7.24	4.61	4.14	3.64
18	4.55	4.68	5.39	5.08	8.52	8.16	5.36	4.39	6.41	4.56	4.10	3.62
19	4.51	4.92	5.27	5.09	7.03	7.02	5.26	4.36	6.03	4.53	4.08	3.60
20	4.51	5.58	5.14	6.37	6.25	10.26	5.21	4.47	5.77	4.49	4.08	3.60
21	4.51	5.33	5.05	6.49	5.93	13.79	5.17	4.64	5.55	4.48	4.06	3.62
22	4.51	4.99	4.99	5.92	8.75	11.64	5.14	4.68	5.41	4.44	4.03	3.63
23	4.51	4.79	4.95	5.62	11.44	8.19	5.13	4.70	5.50	4.40	4.00	3.62
24	4.51	4.70	4.90	5.44	9.03	7.06	5.07	4.66	5.58	4.41	3.94	3.72
25	4.53	5.77	4.87	5.32	7.00	6.68	5.11	4.60	5.33	4.71	3.94	3.93
26	4.55	6.93	4.84	5.21	6.59	6.41	5.15	4.67	5.19	6.47	3.94	3.86
27	4.53	6.01	4.83	5.15	6.28	6.16	5.06	4.59	5.28	7.13	3.91	3.80
28	4.53	5.43	4.87	5.08	6.02	5.97	4.98	4.49	6.25	5.58	3.87	3.72
29	4.55	5.15	5.04	5.04	---	8.03	4.93	7.13	6.27	5.72	3.83	3.71
30	4.58	5.02	5.04	5.24	---	13.48	4.89	8.75	5.49	6.25	3.82	3.69
31	4.57	---	4.91	5.61	---	10.88	---	8.36	---	5.71	3.80	---
MEAN	4.65	4.93	4.88	5.28	6.17	9.15	5.69	4.96	7.58	5.21	4.27	3.83
MAX	5.32	6.93	5.39	6.49	11.44	19.17	7.51	8.75	27.31	7.13	5.27	4.15
MIN	4.51	4.52	4.69	4.76	4.90	5.70	4.89	4.36	4.93	4.40	3.80	3.60

STATION NUMBER 02193500 LITTLE RIVER NEAR WASHINGTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333646 LONGITUDE 0824433 DRAINAGE AREA 291.00 DATUM 353.88 STATE 13 COUNTY 317

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	.00	.00	.00	.00	.00	.00	.00	.00	.18	.00	.00	.19
2	.00	.00	.02	.00	.00	.07	.00	.00	.00	.01	.00	.02
3	.00	.00	.07	.00	.00	1.66	.48	.00	1.24	.01	.00	.02
4	.00	.06	.00	.00	.00	.28	.00	.00	.00	.27	.00	.00
5	.00	.00	.00	.00	.00	.00	.04	.00	.00	.01	.00	.00
6	.21	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00
7	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00
8	.00	.02	.00	.45	.00	.00	.00	.00	.08	.00	.00	.00
9	.00	.28	.07	.00	.00	.00	.00	.00	.00	.00	.02	.00
10	.00	.03	.02	.00	.12	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.05	.00	.00	.00	.00	.26	.00	.00	.00
12	.00	.00	.00	.31	.29	1.03	.00	.00	9.21	.00	.00	.00
13	.00	.00	.01	.00	.01	.00	.00	.00	.63	.00	.03	.00
14	.00	.16	.06	.00	.00	.20	.00	.00	.02	.00	.01	.00
15	.00	.02	.03	.01	.00	1.93	.37	.00	.00	.00	.00	.00
16	.00	.07	.28	.02	.40	.00	.00	.00	.18	.00	.00	.00
17	.00	.16	.01	.01	.54	.00	.00	.00	.00	.00	.00	.00
18	.00	.23	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00
19	.00	1.00	.10	.49	.00	.21	.00	.13	.00	.00	.17	.00
20	.00	.00	.00	.01	.00	1.58	.00	.07	.00	.00	.00	.16
21	.00	.00	.05	.00	.00	.01	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	1.23	.00	.00	.27	.05	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	1.24
24	.00	.13	.00	.00	.00	.00	.14	---	.00	.23	.15	.51
25	.00	1.18	.00	.00	.08	.04	.32	.02	.00	.51	.00	.01
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	---	.00	.00
27	.00	.00	.02	.00	.00	.00	.00	.04	1.86	---	.00	.00
28	.00	.00	.27	.00	.00	.00	.00	.01	1.75	.04	.00	.00
29	.00	.00	.00	.00	---	1.71	.00	2.41	.00	.27	.01	.00
30	.00	.00	.00	.42	---	.00	.00	.00	.04	.01	.00	.00
31	.00	---	.00	.00	---	.00	---	.02	---	.00	.40	---
TOTAL	0.21	3.35	1.01	1.77	2.67	8.72	1.35	---	15.58	---	0.81	2.15



## SAVANNAH RIVER BASIN

### 02194500 THURMOND LAKE NEAR CLARKS HILL, SC

**LOCATION.**--Lat 33°39'40", long 82°12'00", 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  
2001 Water Year**

**02195150 KIOKEE CREEK AT US 221, AT APPLING, GA**

**LOCATION.**--Lat 33°32'33", long 82°18'56", Columbia County, Hydrologic Unit 03060106, at US Highway 221, at Appling.

**DRAINAGE AREA.**—43.9 mi<sup>2</sup>.

**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 225 feet above sea level (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 ft<sup>3</sup>/s, October 12, 1990

**MAXIMUM FOR CURRENT YEAR.--**

**STAGE:** 12.96 feet, June 13

**DISCHARGE:** 4,650 ft<sup>3</sup>/s, June 13

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC**

**LOCATION.**--Lat 33°33'06", long 82°02'19", Edgefield County, SC-Columbia County, GA, Hydrologic Unit 03060106, at upstream side of Augusta City Lock and Dam, 1.0 miles downstream from Stevens Creek Dam, and at mile 207.

**DRAINAGE AREA.**--7,150 mi<sup>2</sup>, approximately.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--October 1988 to current year.

**REVISED RECORDS.**—WRD SC-98-1: 1997.

**GAGE.**—Satellite telemetry with a water-stage recorder. Elevation of gage is 150.00 feet above sea level (from topographic map).

**REMARKS.**-- Records good except for estimated daily discharges, and those below 5,000 ft<sup>3</sup>/s, which are poor. Flow regulated by Thurmond Lake (see station 02194500) 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>.

STATION NUMBER 02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC STREAM SOURCE AGENCY USGS  
 LATITUDE 333306 LONGITUDE 0820219 DRAINAGE AREA 7150. DATUM 150. STATE 45 COUNTY 037  
 ,PUBLISHED  
 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	2000	1740	1650	1900	2370	2400	6930	2050	3620	3250	2300	1590
2	2540	e1100	1930	2730	2070	2340	3760	2280	3230	3480	2510	1810
3	2380	1390	2340	2130	2480	3220	e4120	2130	3280	3550	2630	2290
4	2180	1410	2120	2080	1840	5530	e4690	3100	3250	4440	2850	2160
5	1960	1900	2050	1990	2200	14500	e4400	3290	3220	4700	3160	2280
6	1900	1820	2380	1940	1990	4170	e3360	3260	2810	3700	3110	2300
7	2470	1860	2300	2170	1990	3150	e2840	3500	2530	2720	3190	1850
8	2430	1960	1670	2080	1770	5140	e2640	3650	2870	2980	3570	1550
9	2580	1920	1840	2150	1810	4220	e3280	3090	2840	4250	2810	1710
10	2120	2400	2100	2080	1930	3630	3270	2890	3200	4370	3440	1800
11	2060	2230	1790	1890	2360	3350	2910	2770	3330	3530	2220	1860
12	2370	2230	2170	2100	2130	3400	2990	2350	4150	3770	2550	1830
13	2290	1900	1910	2080	2190	3060	3130	3160	12900	2590	1980	1630
14	1630	1640	1860	2110	2020	3480	2570	3320	11400	2900	2180	1380
15	2240	1630	1830	2040	2010	6100	4510	3880	5400	e2380	2280	1390
16	2320	1610	1910	2150	2060	13000	2910	3590	3860	2320	2080	1990
17	2020	1700	2180	1920	2180	9390	2320	3300	2990	2430	1960	1600
18	2010	1800	2600	1910	2660	4440	2700	2420	3350	2630	1830	1690
19	2110	2240	2300	2900	2280	4120	2350	3140	3410	2690	2670	e950
20	2020	2030	2260	2800	2200	3520	2300	3590	3470	3120	2280	e1100
21	2000	e2350	2140	4090	2220	6750	2960	3030	3350	2780	2010	1240
22	2110	e1890	1980	3650	2750	7290	3250	3190	3950	3420	2210	2110
23	2130	e1790	1990	3540	6400	4840	3020	2670	2550	3930	2770	2160
24	2260	e2200	2680	2650	3800	2600	2740	2520	2930	3230	2020	1800
25	2090	e2430	2910	3090	3720	4780	2980	2350	2700	3450	1860	1440
26	2290	e2420	4060	2860	2910	5900	2980	2620	3110	3370	1690	1340
27	1700	e2190	2780	2120	2850	3000	2390	3070	3270	2930	1650	1340
28	1640	1960	2590	2140	2250	3250	2930	2600	3790	2750	1640	1270
29	2190	1910	2220	2340	---	4360	2980	3750	4070	2680	1980	1260
30	1900	1750	2210	2080	---	9530	2240	3000	3650	2860	1860	2050
31	1800	---	2200	2290	---	10900	---	2930	---	2930	1790	---
TOTAL	65740	57400	68950	74000	69440	165360	96450	92490	118480	100130	73080	50770
MEAN	2121	1913	2224	2387	2480	5334	3215	2984	3949	3230	2357	1692
MAX	2580	2430	4060	4090	6400	14500	6930	3880	12900	4700	3570	2300
MIN	1630	1100	1650	1890	1770	2340	2240	2050	2530	2320	1640	950
CFSM	.30	.27	.31	.33	.35	.75	.45	.42	.55	.45	.33	.24
IN.	.34	.30	.36	.39	.36	.86	.50	.48	.62	.52	.38	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2001, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	5683	5654	7948	8600	11550	12310	7723	6398	4375	4672	5595	4312	
MAX	11440	15950	27170	28980	28900	23320	22150	18320	6821	9750	14420	6609	
(WY)	1990	1996	1993	1993	1998	1998	1998	1998	1996	1994	1994	1995	
MIN	1802	1827	2224	2387	1886	1440	2652	1990	1847	2820	2357	1692	
(WY)	1994	1989	2001	2001	1989	1989	1989	1989	1989	2000	2001	2001	

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1989 - 2001	
ANNUAL TOTAL	1118240		1032290			
ANNUAL MEAN	3055		2828		7052	
HIGHEST ANNUAL MEAN					13960	
LOWEST ANNUAL MEAN					2612	
HIGHEST DAILY MEAN	16100	Jan 25	14500	Mar 5	39000	Jan 13 1993
LOWEST DAILY MEAN	1100	Nov 2	950	Sep 19	65	Mar 18 1989
ANNUAL SEVEN-DAY MINIMUM	1590	Oct 31	1420	Sep 15	103	Mar 16 1989
MAXIMUM PEAK FLOW			24100	Jun 13	54200	Oct 12 1990
MAXIMUM PEAK STAGE			10.69	Jun 13	12.57	Oct 12 1990
ANNUAL RUNOFF (CFSM)	.43		.40		.99	
ANNUAL RUNOFF (INCHES)	5.82		5.37		13.40	
10 PERCENT EXCEEDS	4620		3940		18300	
50 PERCENT EXCEEDS	2570		2390		4330	
90 PERCENT EXCEEDS	1840		1790		1890	

STATISTICS COMPUTED BY: twcooney

DATE: 04/10/2002 AT: 14:22:36

e Estimated

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02196485 AUGUSTA CANAL NEAR AUGUSTA, GA**

**LOCATION.**--Lat 33°32'57", long 82°02'17", Columbia County, Hydrologic Unit 03060106, 1,000 feet downstream of the Augusta City Lock and Dam near Augusta.

**DRAINAGE AREA.**--Indeterminate.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--October 1996 to current year.

**GAGE.**—Satellite telemetry with a water-stage recorder. Datum of gage is 148.92 feet above sea level.

**REMARKS.**--Records fair, except for estimated daily discharges, which are poor. Flow regulated by gate operations at Augusta City Lock and Dam. Discharge record computed by utilization of a one-dimensional unsteady flow simulation model (BRANCH). An auxiliary gage (station 02196500) is used in conjunction with this station for computation of discharge. This station is operated by the USGS, South Carolina District. For more information, please check <http://sc.water.usgs.gov>.

STATION NUMBER 02196485 AUGUSTA CANAL NR AUGUSTA (UPPER) STREAM SOURCE AGENCY USGS  
 LATITUDE 333257 LONGITUDE 0820217 DRAINAGE AREA 0.00 DATUM 148.92 STATE 13 COUNTY 073  
 , PUBLISHED  
 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	2390	2880	3050	2600	2600	2590	1550	2670	2000	2190	2840	3210
2	2780	2760	2730	2360	2360	2360	2150	2850	2190	2160	2850	2840
3	2990	2880	2320	2590	2590	2590	2480	2810	2090	2530	2670	2430
4	2900	2860	2660	2670	2670	2670	2470	2290	2170	2560	2600	2820
5	3060	2370	2830	2710	2710	2710	2590	2190	2160	2480	2310	3090
6	3070	2720	2720	2750	2750	2750	2460	2090	2240	2500	2460	3100
7	2390	2960	2670	2690	2690	2690	2430	1990	2410	2570	2660	3040
8	2250	2950	2810	2620	2620	2620	1840	1940	2170	2130	2950	3230
9	2810	2890	2620	2340	2340	2340	2420	2080	2210	2210	3140	2980
10	2920	2610	2300	2600	2600	2600	2610	2080	2180	2270	2960	3070
11	3060	2420	2650	2650	2660	2660	2610	2080	2130	2680	2910	3110
12	3080	2420	2750	2670	2680	2680	2540	2050	1870	2700	2500	3090
13	3020	2840	2840	2610	2610	2610	2590	2060	1900	2490	2970	3090
14	3100	3010	2690	2590	2580	2580	2480	2100	2040	2290	2760	3180
15	2410	3090	2700	2560	2560	2560	1260	2120	2260	2240	2700	3130
16	2790	3020	2610	2320	2320	2320	2240	2110	2140	2520	3030	2660
17	3050	2850	2330	2560	2560	2560	2590	2260	2280	2650	3100	3080
18	3190	2710	2730	2630	2630	2630	2630	2410	2250	2660	3060	3150
19	2920	2290	2620	2590	2580	2580	2570	2190	2240	2640	2430	3020
20	2880	2730	2720	2530	2530	2530	2630	2090	2270	2460	2680	3030
21	2760	2850	2750	2320	2310	2310	2040	2080	2300	2350	2970	3060
22	2340	2680	2780	2280	2280	2280	1920	2060	2210	2260	3210	2520
23	2780	2230	2660	2510	2510	2510	2420	2330	2280	2480	3190	2460
24	2950	2260	2000	2580	2580	2580	2610	2370	2220	2610	3090	2970
25	2900	2250	1780	2500	2500	2500	2390	2390	2300	2370	3070	3200
26	2890	2400	1840	2480	2480	2480	2450	2240	2430	2300	3170	3080
27	3020	2650	2520	2580	2580	2580	2610	2110	2600	2320	3260	3030
28	2970	2700	2650	2610	2610	2610	2130	2300	2120	2310	3260	3050
29	2330	2690	2690	2370	---	2370	2050	2110	2210	2300	3260	3040
30	2740	2910	2590	2260	---	2260	2410	2220	2120	2310	3280	2670
31	2940	---	2360	2400	---	2400	---	2190	---	2410	3300	---
TOTAL	87680	80880	79970	78530	71490	78510	70170	68860	65990	74950	90640	89430
MEAN	2828	2696	2580	2533	2553	2533	2339	2221	2200	2418	2924	2981
MAX	3190	3090	3050	2750	2750	2750	2630	2850	2600	2700	3300	3230
MIN	2250	2230	1780	2260	2280	2260	1260	1940	1870	2130	2310	2430

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001
MEAN	2788	2555	2431	2413	2457
MAX	3031	2696	2693	2535	2567
(WY)	1998	2001	1999	1998	1998
MIN	2298	2121	2021	2060	2232
(WY)	2000	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1997 - 2001

ANNUAL TOTAL	816640	937100	
ANNUAL MEAN	2231	2567	2486
HIGHEST ANNUAL MEAN			2648
LOWEST ANNUAL MEAN			2092
HIGHEST DAILY MEAN	3220	Aug 16	3330
LOWEST DAILY MEAN	1140	Apr 9	1140
ANNUAL SEVEN-DAY MINIMUM	1200	Mar 6	1200
MAXIMUM PEAK STAGE			8.10
10 PERCENT EXCEEDS	2950	3050	3000
50 PERCENT EXCEEDS	2360	2590	2560
90 PERCENT EXCEEDS	1260	2150	1920

STATISTICS COMPUTED BY: twcooney

DATE: 04/04/2002 AT: 16:20:35

**SAVANNAH RIVER BASIN**  
**2001 Water Year**

**02197000 SAVANNAH RIVER AT AUGUSTA, GA**

**LOCATION.**--Lat 33°22'25", long 81°56'35", 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<sup>2</sup>, 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 sea level (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<sup>3</sup>/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<sup>3</sup>/s, January 17, 1796, gage-height (determined by analysis of historical documents), 38 feet; 260,000 ft<sup>3</sup>/s, May 28, 1840, gage-height, 37.5 feet; 230,000 ft<sup>3</sup>/s, August 29, 1852, gage-height, 36.8 feet; 160,000 ft<sup>3</sup>/s, January 1, 1864, gage-height, 34.0 feet; 220,000 ft<sup>3</sup>/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 STREAM SOURCE AGENCY USGS  
 LATITUDE 332225 LONGITUDE 0815635 DRAINAGE AREA 7508. DATUM 96.58 STATE 13 COUNTY 245  
 ,PUBLISHED  
 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	3910	3950	4130	3870	5220	4830	8280	3780	4360	4450	4560	4510
2	4220	3850	4090	4820	4810	5040	5700	3790	4440	4330	4350	4130
3	5170	3830	4280	4960	4800	5390	5600	4100	4410	4920	4620	4110
4	4560	3840	4360	4460	4890	7410	5980	3990	4160	5130	4300	4660
5	4600	3780	4510	4620	4470	13900	6400	4200	4430	6130	4690	5080
6	4290	3700	4810	4360	4700	e12300	5340	4280	4190	5350	4580	5350
7	4320	3670	4990	4350	4590	e7500	4900	4470	3880	4650	4550	4730
8	4060	3680	4080	4630	4260	e6260	4250	3990	4100	3950	5700	4460
9	4600	3720	3850	4620	4190	4500	4850	3880	3760	4530	5210	4050
10	4490	3940	3970	4620	4280	4600	5040	3890	3940	5210	5690	4440
11	4530	4250	3880	4470	4240	4400	5010	3870	4360	5020	4750	4620
12	4590	4510	4050	4330	4280	4960	4940	3790	4600	5340	4320	4560
13	5240	4430	4650	4580	4800	5530	4780	3710	9360	4380	4190	4280
14	4330	4360	4060	4380	4750	5840	4630	3850	14200	4020	4130	4230
15	3990	4140	4080	4230	4470	7110	4110	3880	8790	3980	4180	4090
16	4230	3930	3930	4580	4500	11800	4550	4420	6240	3830	4410	4030
17	4660	3880	4360	4480	4620	11700	3960	4200	4970	3940	4570	4100
18	4780	3910	4490	4100	4660	6320	4460	4090	4890	4040	4000	4100
19	4750	4190	5160	4720	5000	5960	4370	3830	4670	4570	4100	4310
20	4580	4520	4660	5780	4650	5880	4000	4120	5030	4050	4600	4010
21	4310	5080	4780	5600	4700	7730	4040	4340	4430	4030	4600	4000
22	3930	4620	4440	6670	5300	8370	4080	3890	4930	4110	4460	3980
23	3960	4020	4120	6770	7110	6870	4440	3770	4370	5440	5800	4040
24	4630	4430	3970	5470	7130	5240	4290	e3750	3980	5130	5040	4090
25	4800	4800	4030	5820	5460	4920	4510	e3730	4300	4610	4320	4400
26	4610	5020	4790	5890	5240	6400	4360	3760	4400	4940	4230	4060
27	4380	4760	5110	4760	5210	5590	4300	3720	4790	4170	4230	4040
28	3830	4570	5340	4250	5090	5130	3870	3810	4810	4440	4200	4000
29	3860	4230	4780	4650	---	6250	3900	5080	5240	4260	4430	4010
30	3870	4270	4550	4970	---	8660	3970	4720	4780	4180	5120	4040
31	3930	---	4590	4620	---	11800	---	4450	---	4350	4340	---
TOTAL	136010	125880	136890	150430	137420	218190	142910	125150	154810	141480	142270	128510
MEAN	4387	4196	4416	4853	4908	7038	4764	4037	5160	4564	4589	4284
MAX	5240	5080	5340	6770	7130	13900	8280	5080	14200	6130	5800	5350
MIN	3830	3670	3850	3870	4190	4400	3870	3710	3760	3830	4000	3980
CFSM	.58	.56	.59	.65	.65	.94	.63	.54	.69	.61	.61	.57
IN.	.67	.62	.68	.75	.68	1.08	.71	.62	.77	.70	.70	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2001, BY WATER YEAR (WY)

	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
MEAN	7194	7230	8950	10570	12020	13970	12820	9221	8143	7107	7441	6939		
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	4861	5014	4371	4037	4269	3627	3889	3332		
(WY)	1952	1953	1953	1953	1956	2000	2000	2001	2000	1952	1952	1952		

SUMMARY STATISTICS

	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1952 - 2001
ANNUAL TOTAL	1730870	1739950	
ANNUAL MEAN	4729	4767	9286
HIGHEST ANNUAL MEAN			16580
LOWEST ANNUAL MEAN			4754
HIGHEST DAILY MEAN	14400	Jan 26	84500
LOWEST DAILY MEAN	3670	Nov 7	1770
ANNUAL SEVEN-DAY MINIMUM	3750	Nov 3	2090
MAXIMUM PEAK FLOW			87100
MAXIMUM PEAK STAGE			24.16
ANNUAL RUNOFF (CFSM)	.63	.63	1.24
ANNUAL RUNOFF (INCHES)	8.58	8.62	16.80
10 PERCENT EXCEEDS	5800	5700	17700
50 PERCENT EXCEEDS	4440	4460	6890
90 PERCENT EXCEEDS	3940	3900	4900

STATISTICS COMPUTED BY: jmbarton

DATE: 03/04/2002 AT: 15:50:09

e Estimated



**SAVANNAH RIVER BASIN  
2001 Water Year**

**02197190 McBEAN CREEK AT US 25, NEAR McBEAN, GA**

**LOCATION.**--Lat 33°14'12", long 82°02'38", Richmond-Burke County line, Hydrologic Unit 03060106, at US Highway 25, 5.5 miles west of McBean.

**DRAINAGE AREA.**--41.4 mi<sup>2</sup>.

**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 feet above sea level (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 ft<sup>3</sup>/s, October 12, 1990

**MAXIMUM FOR CURRENT YEAR.**--

**STAGE:** <3.60 feet, Not determined, stage below bottom of gage.

**DISCHARGE:** <163 ft<sup>3</sup>/s, Not determined, stage below bottom of gage.

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02197320 SAVANNAH RIVER NEAR JACKSON, SC**

**LOCATION.**--Lat 33°13'01", long 81°46'04", 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<sup>2</sup> (revised).

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--October 1971 to current year, discharge defined below 22,000 ft<sup>3</sup>/s, only.

**REVISED RECORDS.**--WDR SC-90-1: 1983.

**GAGE.**—Satellite telemetry with a water-stage recorder. Datum of gage is 77.0 feet above sea level.

**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<sup>3</sup>/s are not shown.

**EXTREMES FOR PERIOD OF RECORD.**--Maximum discharge, undetermined, April 11, 1983; maximum gage height, 21.57 feet, April 11, 1983; minimum daily discharge, 3,220 ft<sup>3</sup>/s, Dec. 9, 1981.

STATION NUMBER 02197320 SAVANNAH R. NR JACKSON, SC STREAM SOURCE AGENCY USGS  
 LATITUDE 331301 LONGITUDE 0814604 DRAINAGE AREA 8110.00 DATUM 77.00 STATE 45 COUNTY 003  
 ,PUBLISHED  
 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	4960	4700	5050	5070	5580	5670	12200	4620	5320	5270	5020	5030
2	4800	4640	4830	4790	5550	5710	8600	4620	5260	4980	5130	4870
3	5340	4570	4980	5780	5290	5940	6740	4710	5200	5140	5010	4660
4	5500	4560	5020	5210	5590	7240	6730	4780	5340	5520	4980	4880
5	5270	4540	5070	5170	5180	12000	7220	4810	5190	6500	5080	5200
6	5090	4490	5230	5160	5320	14600	7070	4920	5080	6320	5160	5680
7	4980	4380	5500	5150	5270	9570	6110	5150	4890	5620	5100	5530
8	4930	4410	5370	5110	5180	7260	5580	4920	4800	5000	5410	4970
9	4750	4430	4720	5400	4910	6640	5300	4730	4810	4690	5950	4790
10	5290	4430	4680	5390	4940	5630	5790	4670	4700	5360	5770	4630
11	5120	4780	4750	5300	4990	5460	5870	4680	4900	5510	5870	5020
12	5210	4980	4700	5110	4970	5370	5680	4600	4970	5500	5080	5150
13	5370	5070	5090	5220	5150	6260	5620	4570	6740	5630	4870	4990
14	5430	5060	5030	5270	5450	6490	5670	4560	13800	4900	4800	4770
15	4830	4950	4820	4990	5310	7250	5190	4580	13500	4720	4780	4660
16	4700	4760	4790	5110	5200	10300	5250	4820	9170	4570	4860	4550
17	5080	4720	4870	5310	5240	14500	5140	4960	6570	4500	5070	4520
18	5230	4670	5000	5080	5330	11400	4950	4790	5620	4600	4900	4560
19	5330	4790	5650	4970	5380	7450	5320	4750	5490	4800	4760	4620
20	5270	5280	5470	6100	5570	7070	4980	4670	5410	4780	4910	4600
21	5110	5550	5400	6080	5300	8140	4930	5090	5280	4620	5270	4460
22	4830	5740	5300	7240	5540	9520	4810	4820	5220	4650	5010	4450
23	4610	5180	5040	7330	6540	9080	5000	4690	5420	5110	5380	4450
24	4760	5000	4860	6700	9240	7550	5140	4680	4840	5800	5770	4510
25	5370	5310	4720	6080	7270	6040	5250	4680	4870	5410	5070	4710
26	5090	5850	4930	6400	6340	6380	5160	4610	4900	5320	4750	4690
27	5390	5900	5540	6060	6120	7230	5090	4550	5290	5220	4680	4580
28	4810	5600	5740	5110	6090	6190	4990	4590	5360	5080	4670	4480
29	4610	5230	5950	4960	---	6310	4740	5250	5530	5180	4610	4440
30	4590	5100	5480	5410	---	8490	4800	6250	5570	4970	5120	4430
31	4610	---	5390	5410	---	12200	---	5840	---	4970	5060	---
TOTAL	156260	148670	158970	171470	157840	248940	174920	149960	179040	160240	157900	142880
MEAN	5041	4956	5128	5531	5637	8030	5831	4837	5968	5169	5094	4763
MAX	5500	5900	5950	7330	9240	14600	12200	6250	13800	6500	5950	5680
MIN	4590	4380	4680	4790	4910	5370	4740	4550	4700	4500	4610	4430
CFSM	.62	.61	.63	.68	.70	.99	.72	.60	.74	.64	.63	.59
IN.	.72	.68	.73	.79	.72	1.14	.80	.69	.82	.74	.72	.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2001, BY WATER YEAR (WY)

	7558	7406	8949	10050	10340	8664	8587	8026	8059	7175	7514	7300
MEAN	7558	7406	8949	10050	10340	8664	8587	8026	8059	7175	7514	7300
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	4859	4563	4583	5162	5637	5728	4883	4680	4560	4530	4628	4763
(WY)	1987	1982	2000	1989	2000	1988	2000	2000	1988	1988	1988	2001

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1972 - 2001	
ANNUAL TOTAL	1966050		2007090			
ANNUAL MEAN	5372		5499		6422	
HIGHEST ANNUAL MEAN					8361	
LOWEST ANNUAL MEAN					5300	
HIGHEST DAILY MEAN	16200	Jan 26	14600	Mar 6	22000	Nov 30 1976
LOWEST DAILY MEAN	4380	Nov 7	4380	Nov 7	3220	Dec 9 1981
ANNUAL SEVEN-DAY MINIMUM	4460	Nov 4	4460	Nov 4	3770	Dec 4 1981
MAXIMUM PEAK FLOW			15500	Mar 6	.00	Apr 11 1983
MAXIMUM PEAK STAGE			13.93	Jun 14	21.57	Apr 11 1983
ANNUAL RUNOFF (CFSM)	.66		.68		.79	
ANNUAL RUNOFF (INCHES)	9.02		9.21		10.76	
10 PERCENT EXCEEDS	6390		6520		16600	
50 PERCENT EXCEEDS	5080		5120		7330	
90 PERCENT EXCEEDS	4590		4620		5150	

STATISTICS COMPUTED BY: jmbarton

DATE: 03/14/2002 AT: 16:28:36

**SAVANNAH RIVER BASIN**  
**2001 Water Year**

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

**LOCATION.**--Lat 32°56'20", long 81°30'10", Screven County, GA-Allendale County, SC, Hydrologic Unit 03060106, on right bank 500 feet downstream of bridge on US Highway 301, 2.0 miles downstream from Rocky Creek, 9.0 miles east of Millhaven, and at mile 118.7.

**DRAINAGE AREA.**--8,650 mi<sup>2</sup>, 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 sea level.

**REMARKS.**--Records good, except for estimated daily discharges, which are fair. 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<sup>3</sup>/s, from rating curve extended above 141,000 ft<sup>3</sup>/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  
 LATITUDE 325620 LONGITUDE 0813010 DRAINAGE AREA 8650 DATUM 52.42 STATE 13 COUNTY 251  
 ,PUBLISHED  
 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	5480	4680	5420	5830	5710	6220	11600	5380	6060	5920	5360	5460
2	4960	4740	5330	5380	5930	5840	11400	5280	5730	5720	5390	5440
3	4840	4710	5150	5330	5820	5850	8680	5250	5660	5530	5420	5300
4	5370	4690	5270	6050	5610	6680	7280	5310	5630	5900	5380	5210
5	5420	4690	5320	5560	5830	8320	7180	5340	5640	6260	5320	5420
6	5270	4680	5390	5500	5450	12100	7430	5380	5580	6800	5410	5630
7	5070	4620	5560	5460	5490	13000	7130	5460	5510	6480	5450	5880
8	4980	4550	5820	5460	5420	9530	6550	5590	5390	5950	5410	5730
9	4880	4550	5560	5560	5300	7230	6110	5430	5370	5490	5730	5420
10	4850	4560	5180	5840	5100	6080	6000	5300	5300	5350	5950	5260
11	5200	4620	5150	5850	5110	5370	6290	5240	5250	5780	6050	5220
12	5140	4950	5170	5760	5140	5120	6320	5230	5430	5860	5940	5450
13	5200	5170	5110	5590	5160	5230	6200	5200	5730	5920	5440	5520
14	5450	5260	5440	5670	5360	5870	6130	5180	8070	5900	5270	5380
15	5340	5280	5340	5670	5560	6360	6120	5170	12000	5490	5240	e5220
16	4860	5180	5180	5430	5420	7760	5810	5170	12000	5290	5230	e5160
17	4780	5020	5140	5500	5320	10500	5840	5340	9110	5170	5260	e5100
18	5120	4970	5240	5640	5340	13000	5700	5410	6920	5120	5390	e5060
19	5280	5030	5400	5430	5380	11000	5660	5290	6140	5150	5290	5060
20	5350	5290	6000	5630	5470	8150	5790	5220	5910	5290	5230	5110
21	5320	5710	5840	6770	5540	7740	5590	5210	5880	5280	5350	5090
22	5160	6030	5750	6890	5430	8680	5530	5450	5740	5170	5530	5030
23	4880	6030	5590	7650	5980	9400	5460	5290	5720	5160	5420	5010
24	4690	5440	5320	7720	7360	8820	5610	5190	5730	5590	5760	5040
25	4910	5420	5140	7070	8800	7520	5660	5180	5390	5910	5880	5070
26	5390	5910	5040	6690	7450	6600	5750	5170	5440	5690	5460	5180
27	5240	6410	5320	6840	6690	6950	5710	5120	5510	5680	5240	5150
28	5350	6400	5890	6360	6390	7110	5640	5080	5730	5600	5190	5080
29	4860	6020	6360	5540	---	6610	5510	5110	5830	5590	5170	5020
30	4690	5560	6440	5380	---	7160	5360	5690	5980	5560	5150	4990
31	4660	---	6020	5760	---	9100	---	6220	---	5390	5500	---
TOTAL	157990	156170	169880	184810	162560	244900	195040	164880	189380	174990	168810	157690
MEAN	5096	5206	5480	5962	5806	7900	6501	5319	6313	5645	5445	5256
MAX	5480	6410	6440	7720	8800	13000	11600	6220	12000	6800	6050	5880
MIN	4660	4550	5040	5330	5100	5120	5360	5080	5250	5120	5150	4990
CFSM	.59	.60	.63	.69	.67	.91	.75	.61	.73	.65	.63	.61
IN.	.68	.67	.73	.79	.70	1.05	.84	.71	.81	.75	.73	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2001, BY WATER YEAR (WY)

	7486	7691	9836	12400	13900	16350	14330	10430	7993	8004	8319	7613
MEAN	7486	7691	9836	12400	13900	16350	14330	10430	7993	8004	8319	7613
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	6029	4849	4192	4705	4178	4147	3597
(WY)	1942	1942	1953	1956	1989	2000	2000	1941	1952	1952	1951	1941

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1940 - 2001

ANNUAL TOTAL	1994940	2127100										
ANNUAL MEAN	5451	5828								10350		
HIGHEST ANNUAL MEAN										18320		1964
LOWEST ANNUAL MEAN										5465		2000
HIGHEST DAILY MEAN	14800	Jan 27				13000	Mar 7			138000	Aug 18	1940
LOWEST DAILY MEAN	4160	Aug 30				4550	Nov 8			2120	Sep 9	1951
ANNUAL SEVEN-DAY MINIMUM	4330	Aug 24				4610	Nov 5			2490	Sep 9	1951
MAXIMUM PEAK FLOW						13400	Mar 7			141000	Aug 18	1940
MAXIMUM PEAK STAGE						11.48	Mar 18			27.00	Aug 18	1940
ANNUAL RUNOFF (CFSM)	.63					.67				1.20		
ANNUAL RUNOFF (INCHES)	8.58					9.15				16.25		
10 PERCENT EXCEEDS	6510					6930				19600		
50 PERCENT EXCEEDS	5170					5450				7620		
90 PERCENT EXCEEDS	4440					5070				5040		

STATISTICS COMPUTED BY: sellisor

DATE: 03/15/2002 AT: 11:09:27

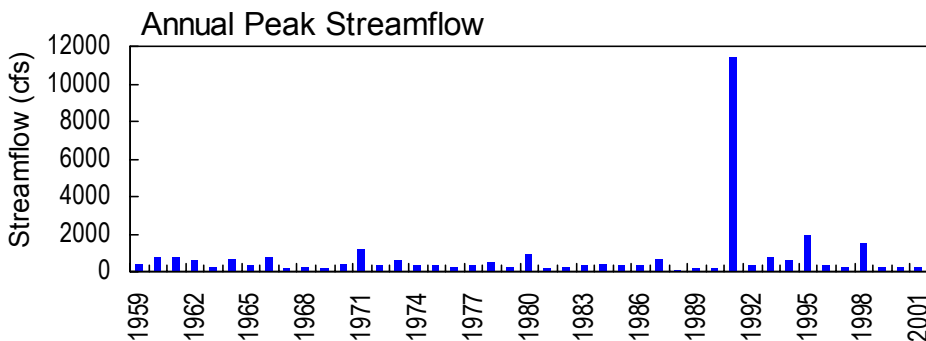
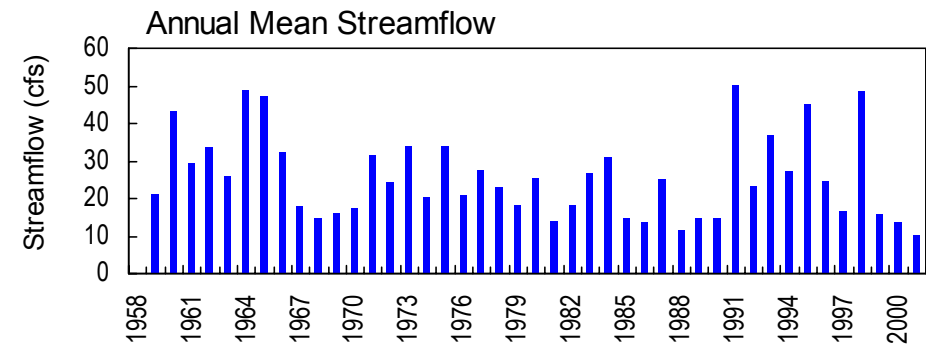
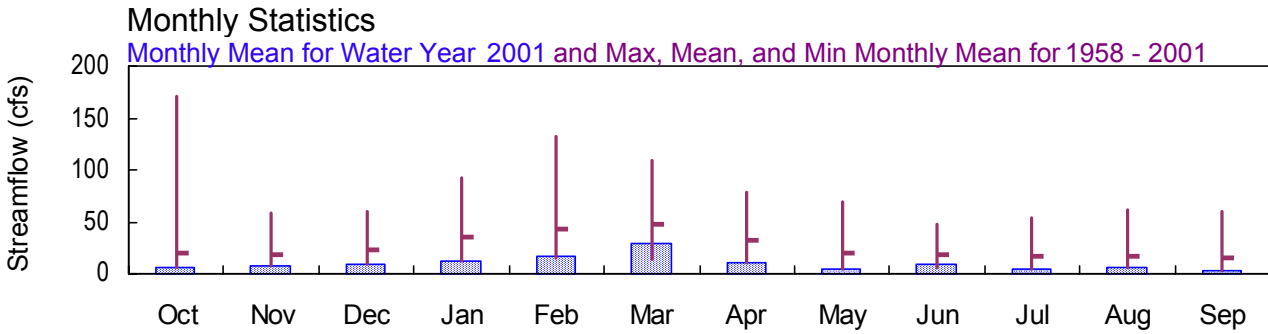
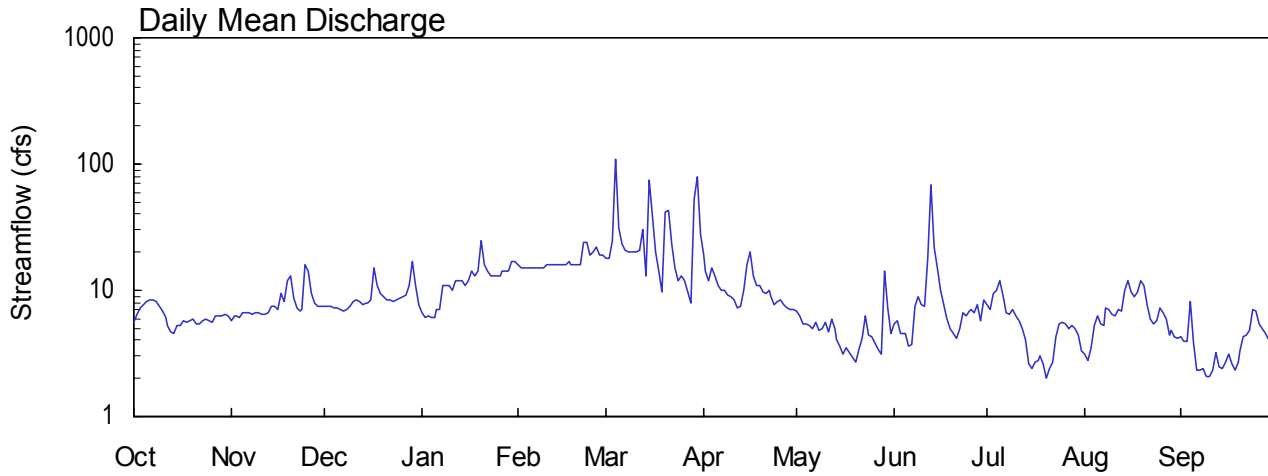
e Estimated

# SAVANNAH RIVER BASIN

## 2001 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<sup>2</sup> Datum: 282.6 feet Period of Record: 1958 - 2001



02197600 - Brushy Creek near Wrens, GA - January 31, 1973

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02197600 BRUSHY CREEK NEAR WRENS, GA**

**LOCATION.**--Lat 33°10'37", long 82°18'20", Jefferson County, Hydrologic Unit 03060108, at right bank on downstream side of bridge on GA Highway 80, 5.0 miles southeast of Wrens, and 5.5 miles upstream from Little Brushy Creek.

**DRAINAGE AREA.**--28.0 mi<sup>2</sup>.

**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 sea level (levels by the Georgia Department of Transportation).

**REMARKS.**--Records poor. Discharge affected by beaver-dam 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.04	1230	213*	6.28*

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--May 1958 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 282.56 feet above sea level (levels by the Georgia Department of Transportation).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 6.28 feet, March 4; minimum gage-height recorded, 3.94 feet, May 16.

STATION NUMBER 02197600 BRUSHY CREEK NEAR WRENS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331037 LONGITUDE 0821821 DRAINAGE AREA 28.00 DATUM 282.56 STATE 13 COUNTY 163

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	5.6	5.8	7.4	6.7	16	18	19	6.9	5.5	7.6	e3.1	4.3
2	6.4	6.2	7.5	6.1	15	18	14	6.3	5.7	7.0	2.8	3.9
3	7.3	6.2	7.4	6.2	15	25	12	5.5	4.6	9.5	3.5	3.9
4	7.8	6.1	7.2	6.1	15	109	15	5.5	4.6	10	5.3	8.2
5	8.2	6.6	7.2	6.1	15	31	13	5.3	4.5	12	6.2	3.8
6	8.5	6.7	7.0	7.0	15	23	11	4.9	3.6	9.1	5.5	2.3
7	8.4	6.6	6.8	7.1	15	21	10	5.6	3.7	6.7	5.2	2.3
8	8.1	6.5	7.1	11	15	20	10	4.8	7.5	6.5	7.2	2.4
9	7.5	6.6	7.5	11	15	20	9.2	4.9	8.8	7.0	7.0	2.1
10	6.8	6.7	8.1	11	16	20	9.0	5.6	7.7	6.3	6.5	2.1
11	6.1	6.4	8.3	10	16	20	8.5	4.7	7.5	5.7	6.3	2.3
12	5.3	6.4	8.2	12	16	21	7.3	5.9	18	5.0	7.0	3.2
13	4.7	6.6	7.8	12	16	30	7.5	4.9	68	4.1	6.9	2.5
14	4.6	7.5	8.0	12	16	13	10	4.1	22	2.6	10	2.4
15	5.2	7.4	8.0	11	16	75	16	3.6	15	2.4	12	2.7
16	5.3	7.1	8.5	12	16	39	20	3.1	10	2.7	9.7	3.1
17	5.7	9.4	15	14	17	20	13	3.5	7.7	e2.8	8.9	2.6
18	5.6	8.1	11	13	16	14	11	3.2	6.0	3.0	9.6	2.3
19	5.8	12	9.5	14	16	9.8	11	2.9	4.9	2.6	12	2.7
20	5.9	13	8.9	25	16	42	9.7	2.7	4.5	2.0	11	3.3
21	5.4	8.7	8.4	16	16	43	9.4	3.4	4.2	2.4	7.8	4.3
22	5.5	7.2	8.5	14	24	23	9.9	4.2	4.9	e2.7	5.9	4.4
23	5.8	6.9	8.1	13	24	15	8.8	6.3	6.6	e4.3	5.4	4.8
24	6.0	7.0	8.4	13	19	12	7.7	4.4	6.3	5.5	5.7	7.1
25	5.8	16	8.6	13	20	13	8.1	4.3	6.8	5.6	7.2	6.8
26	5.6	14	8.8	13	22	12	8.4	3.8	7.0	5.4	6.6	5.5
27	6.2	9.4	9.2	14	19	9.7	7.7	3.4	6.6	5.0	6.0	4.9
28	6.2	7.9	11	14	19	7.9	7.3	3.1	7.6	5.3	4.4	4.6
29	6.3	7.5	17	14	---	52	7.0	14	5.8	5.0	4.8	4.0
30	6.4	7.4	11	17	---	79	7.1	7.2	8.3	4.4	4.3	3.9
31	6.2	---	7.8	17	---	28	---	4.6	---	3.3	4.2	---
TOTAL	194.2	239.9	273.2	371.3	476	883.4	317.6	152.6	283.9	163.5	208.0	112.7
MEAN	6.26	8.00	8.81	12.0	17.0	28.5	10.6	4.92	9.46	5.27	6.71	3.76
MAX	8.5	16	17	25	24	109	20	14	68	12	12	8.2
MIN	4.6	5.8	6.8	6.1	15	7.9	7.0	2.7	3.6	2.0	2.8	2.1
CFSM	.22	.29	.31	.43	.61	1.02	.38	.18	.34	.19	.24	.13
IN.	.26	.32	.36	.49	.63	1.17	.42	.20	.38	.22	.28	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2001, BY WATER YEAR (WY)

	1991	1993	1965	1995	1995	1980	1962	1994	1994	1964	1964	1998
MEAN	20.1	18.8	23.2	35.3	42.9	47.0	32.6	20.6	18.2	17.6	17.6	15.8
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	6.26	8.00	8.81	11.8	15.4	13.2	10.6	4.92	6.62	5.27	6.27	3.76
(WY)	2001	2001	2001	1981	1968	1988	2001	2001	2000	2001	1986	2001

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1958 - 2001

ANNUAL TOTAL	4417.1	3676.3	
ANNUAL MEAN	12.1	10.1	25.7
HIGHEST ANNUAL MEAN			50.1
LOWEST ANNUAL MEAN			10.1
HIGHEST DAILY MEAN	119	Jan 25	3800
LOWEST DAILY MEAN	3.1	Jun 9	2.0
ANNUAL SEVEN-DAY MINIMUM	3.4	Jun 8	2.4
MAXIMUM PEAK FLOW			213
MAXIMUM PEAK STAGE			6.28
ANNUAL RUNOFF (CFSM)	.43		.36
ANNUAL RUNOFF (INCHES)	5.87		4.88
10 PERCENT EXCEEDS	19		17
50 PERCENT EXCEEDS	10		7.3
90 PERCENT EXCEEDS	5.2		3.6

STATISTICS COMPUTED BY: jkjoiner

DATE: 03/28/2002 AT: 14:52:42

e Estimated



STATION NUMBER 02197600 BRUSHY CREEK NEAR WRENS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331037 LONGITUDE 0821821 DRAINAGE AREA 28.00 DATUM 282.56 STATE 13 COUNTY 163

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

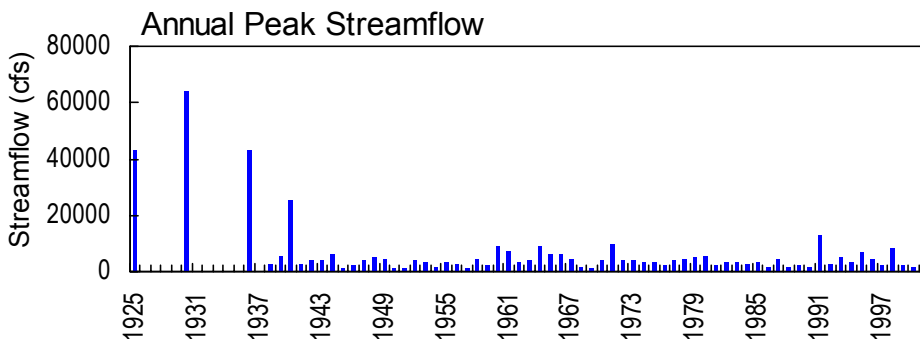
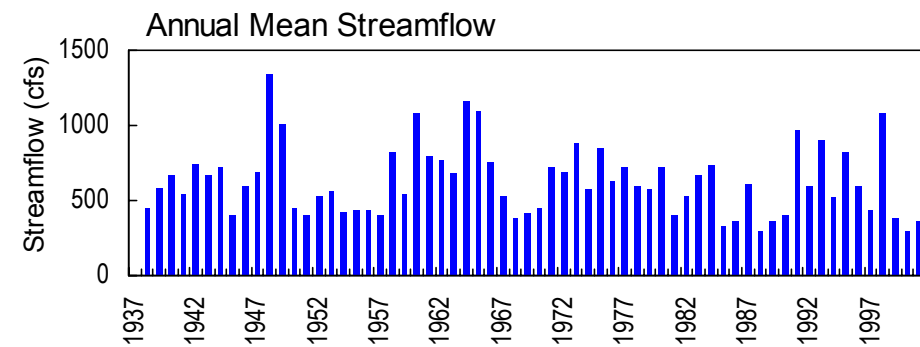
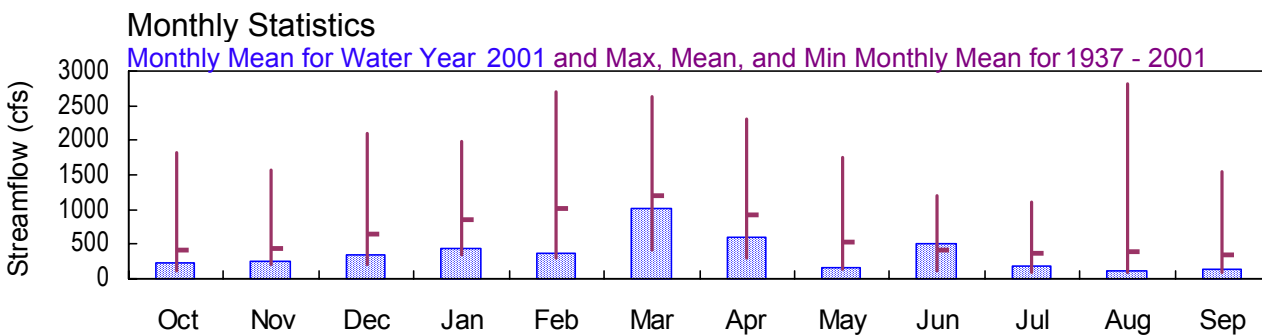
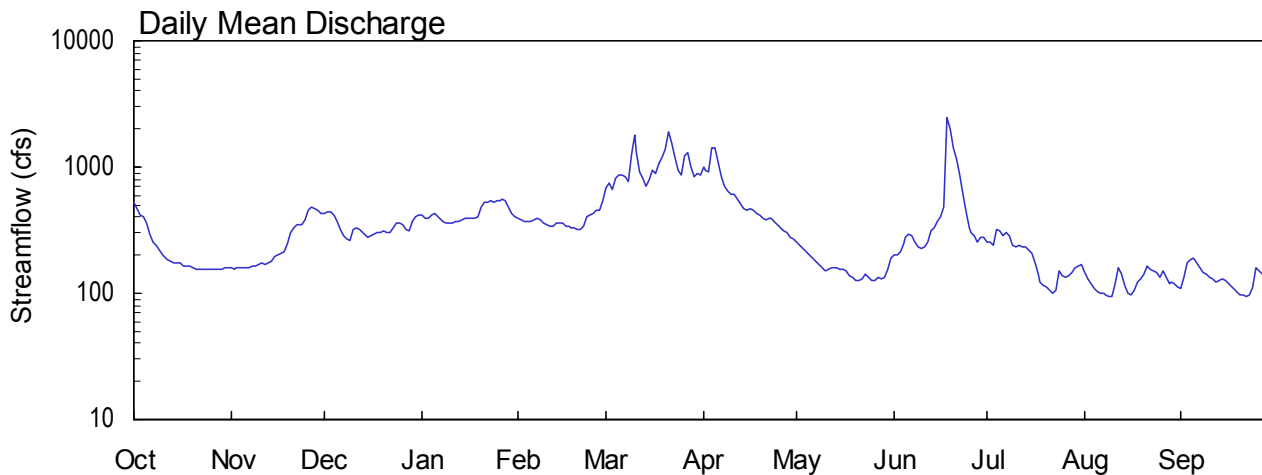
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.65	4.70	4.74	4.62	4.81	4.76	4.54	4.09	4.31	4.62	4.52	4.92
2	4.62	4.72	4.73	4.58	4.79	4.75	4.37	4.07	4.33	4.60	4.58	4.91
3	4.64	4.72	4.73	4.59	4.78	4.92	4.31	4.04	4.28	4.71	4.64	4.91
4	4.65	4.71	4.72	4.58	4.79	5.81	4.40	4.05	4.29	4.75	4.74	5.12
5	4.66	4.73	4.72	4.58	4.79	5.05	4.32	4.05	4.29	4.80	4.79	4.92
6	4.67	4.73	4.71	4.61	4.78	4.86	4.26	4.04	4.25	4.71	4.76	4.83
7	4.68	4.73	4.71	4.62	4.78	4.79	4.22	4.08	4.26	4.63	4.76	4.83
8	4.69	4.72	4.71	4.76	4.78	4.76	4.19	4.06	4.45	4.62	4.86	4.85
9	4.68	4.73	4.72	4.77	4.77	4.75	4.15	4.07	4.51	4.65	4.86	4.84
10	4.69	4.73	4.75	4.74	4.78	4.76	4.13	4.11	4.48	4.63	4.84	4.84
11	4.69	4.72	4.74	4.73	4.77	4.76	4.10	4.08	4.48	4.60	4.84	4.87
12	4.69	4.72	4.74	4.78	4.77	4.76	4.05	4.14	4.77	4.58	4.88	4.95
13	4.67	4.72	4.72	4.80	4.77	4.98	4.05	4.10	5.66	4.53	4.89	4.90
14	4.66	4.75	4.72	4.76	4.77	4.51	4.16	4.07	4.99	4.44	5.03	4.90
15	4.69	4.75	4.72	4.75	4.77	5.37	4.33	4.05	4.78	4.43	5.10	4.93
16	4.70	4.74	4.74	4.76	4.76	5.13	4.45	4.02	4.63	4.46	5.02	4.97
17	4.71	4.83	4.97	4.82	4.77	4.69	4.21	4.06	4.53	4.42	5.00	4.94
18	4.70	4.77	4.82	4.79	4.76	4.49	4.14	4.05	4.47	4.50	5.03	4.92
19	4.71	4.93	4.77	4.82	4.74	4.34	4.12	4.03	4.42	4.47	5.13	4.96
20	4.71	4.94	4.74	5.12	4.74	4.98	4.09	4.03	4.41	4.43	5.12	5.02
21	4.69	4.80	4.72	4.88	4.74	5.16	4.09	4.09	4.40	4.47	4.99	5.08
22	4.69	4.74	4.72	4.80	4.94	4.73	4.12	4.15	4.44	4.43	4.92	5.10
23	4.71	4.72	4.70	4.78	4.94	4.51	4.09	4.26	4.53	4.49	4.90	5.13
24	4.72	4.72	4.70	4.78	4.82	4.39	4.05	4.18	4.52	4.68	4.92	5.25
25	4.71	5.04	4.71	4.78	4.84	4.42	4.08	4.18	4.55	4.69	5.00	5.24
26	4.69	4.98	4.72	4.77	4.89	4.37	4.10	4.16	4.56	4.69	4.98	5.19
27	4.72	4.81	4.73	4.78	4.80	4.27	4.08	4.14	4.56	4.68	4.96	5.17
28	4.72	4.76	4.79	4.78	4.78	4.20	4.08	4.13	4.60	4.70	4.88	5.16
29	4.72	4.74	4.98	4.78	---	4.94	4.07	4.58	4.53	4.69	4.91	5.14
30	4.73	4.74	4.78	4.85	---	5.44	4.09	4.36	4.64	4.66	4.91	5.14
31	4.72	---	4.66	4.85	---	4.79	---	4.25	---	4.60	4.91	---
MEAN	4.69	4.77	4.75	4.76	4.79	4.79	4.18	4.12	4.53	4.59	4.89	5.00
MAX	4.73	5.04	4.98	5.12	4.94	5.81	4.54	4.58	5.66	4.80	5.13	5.25
MIN	4.62	4.70	4.66	4.58	4.74	4.20	4.05	4.02	4.25	4.42	4.52	4.83

**SAVANNAH RIVER BASIN**

**2001 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<sup>2</sup> Datum: 95.88 feet Period of Record: 1937 - 2001



USGS  
 02198000 - Brier Creek at Millhaven, GA - January 31, 1973

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02198000 BRIER CREEK AT MILLHAVEN, GA**

**LOCATION.**--Lat 32°56'00", long 81°39'05", 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<sup>2</sup>.

**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 sea level. 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 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<sup>3</sup>/s, by slope-conveyance study.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 2,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Jun.18	1400	2830*	9.50*

No other peaks greater than base discharge

**SAVANNAH RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 9.50 feet, June 18; minimum gage-height recorded, 0.23 feet, August 10-11.

STATION NUMBER 02198000 BRIER CREEK AT MILLHAVEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325600 LONGITUDE 0813905 DRAINAGE AREA 646.00 DATUM 95.88 STATE 13 COUNTY 251

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	534	158	434	417	389	690	990	254	201	254	147	108
2	464	157	441	399	378	746	949	243	199	253	131	132
3	422	159	439	398	368	663	919	229	213	243	119	176
4	409	160	415	413	366	814	1420	216	245	321	110	184
5	358	160	367	424	376	877	1430	202	279	314	104	189
6	295	160	320	417	385	874	1080	189	298	289	100	176
7	256	161	287	388	399	829	848	179	288	304	101	160
8	237	163	267	366	387	760	715	168	256	282	97	146
9	221	166	260	361	363	1260	637	158	236	238	94	140
10	202	171	319	356	346	1800	612	151	227	232	94	133
11	190	172	330	361	340	1290	607	156	235	239	120	131
12	184	169	322	369	341	910	558	160	256	233	159	124
13	181	172	304	376	359	805	507	160	308	234	142	125
14	176	181	286	381	359	695	469	158	328	220	115	130
15	174	193	280	389	357	796	454	157	367	209	101	125
16	172	202	282	397	344	933	466	154	400	175	96	120
17	165	205	294	397	336	892	452	150	484	142	105	114
18	163	212	302	396	334	1070	435	138	2490	124	121	105
19	162	245	306	406	327	1200	421	132	2010	115	130	100
20	158	306	311	476	323	1370	399	127	1430	111	141	97
21	154	331	302	525	320	1890	387	125	1150	105	162	97
22	154	348	307	526	345	1540	389	131	870	101	157	95
23	155	355	331	537	404	1190	393	140	608	107	152	96
24	155	347	356	529	413	932	371	134	437	152	145	111
25	154	385	365	537	430	854	348	127	328	137	135	158
26	156	452	349	539	449	1240	330	128	305	134	149	152
27	156	479	322	552	456	1290	313	135	289	139	133	140
28	155	474	313	549	546	995	299	130	255	148	119	133
29	156	456	376	488	---	838	281	134	280	159	123	129
30	158	431	409	434	---	879	266	153	276	166	119	123
31	158	---	415	407	---	858	---	188	---	167	111	---
TOTAL	6834	7730	10411	13510	10540	31780	17745	5006	15548	6047	3832	3949
MEAN	220	258	336	436	376	1025	592	161	518	195	124	132
MAX	534	479	441	552	546	1890	1430	254	2490	321	162	189
MIN	154	157	260	356	320	663	266	125	199	101	94	95
CFSM	.34	.40	.52	.67	.58	1.59	.92	.25	.80	.30	.19	.20
IN.	.39	.45	.60	.78	.61	1.83	1.02	.29	.90	.35	.22	.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	404	434	644	859	1017	1200	930	541	416	372	401	341
MEAN	404	434	644	859	1017	1200	930	541	416	372	401	341
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	116	203	208	335	304	422	294	146	119	89.0	94.9	102
(WY)	1955	1955	1989	1956	1989	1938	1985	2000	2000	1986	1954	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1937 - 2001

ANNUAL TOTAL	108378	132932										
ANNUAL MEAN	296	364								627		
HIGHEST ANNUAL MEAN										1339		1948
LOWEST ANNUAL MEAN										297		2000
HIGHEST DAILY MEAN			1800	Jan 31		2490	Jun 18		22100		Aug 16	1940
LOWEST DAILY MEAN			76	Jul 22		94	Aug 9		63		Jul 10	1990
ANNUAL SEVEN-DAY MINIMUM			90	Jul 17		100	Aug 4		64		Sep 5	1954
MAXIMUM PEAK FLOW						2830	Jun 18		25400		Aug 16	1940
MAXIMUM PEAK STAGE						9.50	Jun 18		17.40		Aug 16	1940
INSTANTANEOUS LOW FLOW									62		Jul 9	1990
ANNUAL RUNOFF (CFSM)		.46				.56			.97			
ANNUAL RUNOFF (INCHES)		6.24				7.65			13.19			
10 PERCENT EXCEEDS		487				809			1250			
50 PERCENT EXCEEDS		262				286			453			
90 PERCENT EXCEEDS		112				125			185			

STATISTICS COMPUTED BY: smithca

DATE: 03/17/2002 AT: 14:19:29

STATION NUMBER 02198000 BRIER CREEK AT MILLHAVEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325600 LONGITUDE 0813905 DRAINAGE AREA 646.00 DATUM 95.88 STATE 13 COUNTY 251

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

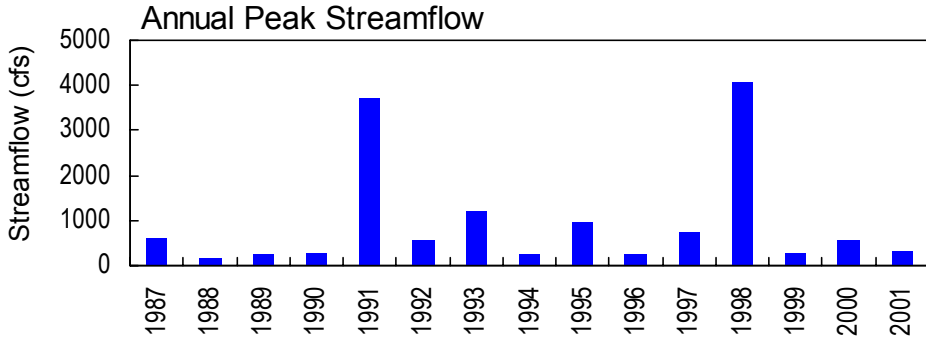
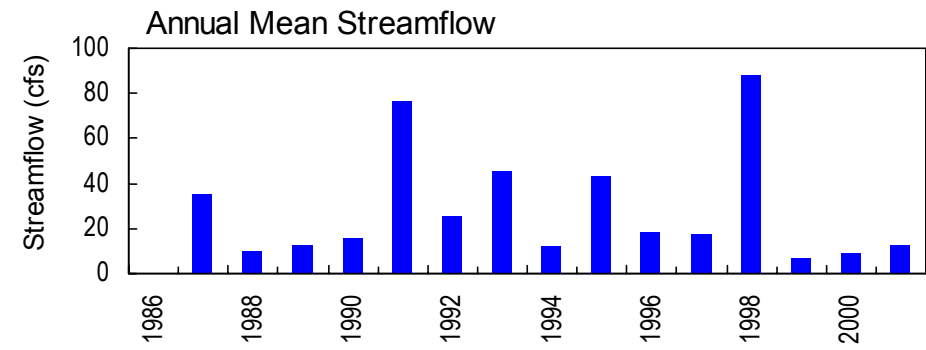
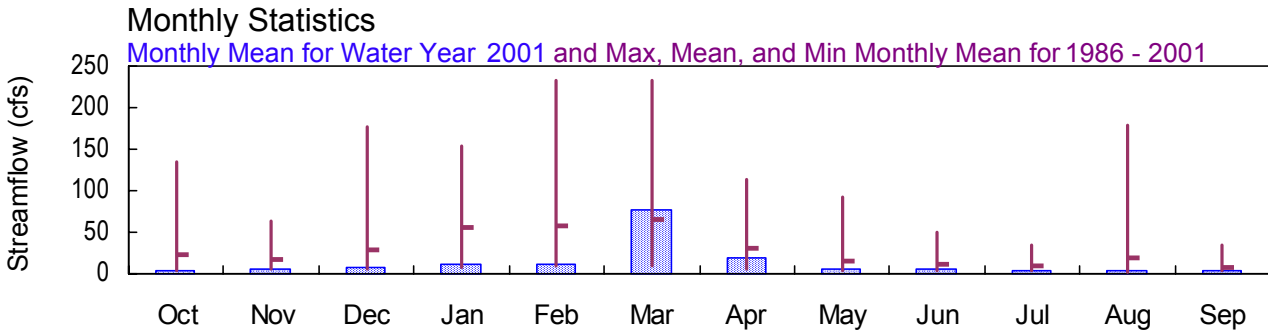
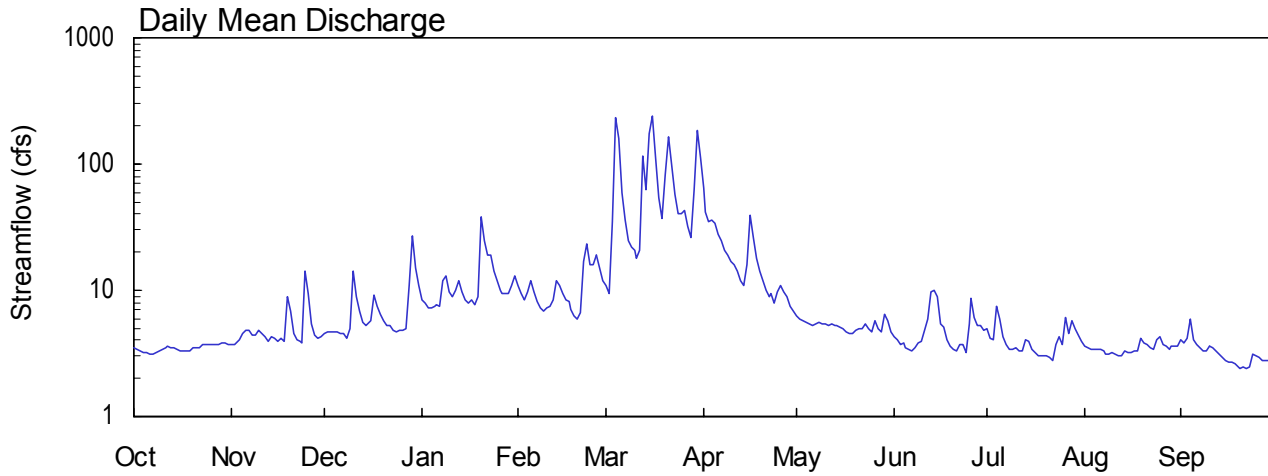
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.56	1.00	3.91	3.79	3.57	5.32	6.32	2.37	1.78	2.36	1.09	.50
2	4.11	.98	3.97	3.65	3.49	5.54	6.21	2.25	1.75	2.36	.87	.87
3	3.81	1.01	3.95	3.65	3.41	5.22	6.12	2.10	1.92	2.25	.67	1.48
4	3.70	1.03	3.77	3.76	3.39	5.77	7.34	1.96	2.26	2.99	.54	1.58
5	3.25	1.02	3.39	3.84	3.47	5.99	7.38	1.79	2.61	2.93	.43	1.64
6	2.63	1.03	3.01	3.79	3.54	5.98	6.57	1.64	2.80	2.71	.36	1.47
7	2.21	1.04	2.72	3.57	3.65	5.83	5.89	1.51	2.70	2.85	.38	1.27
8	1.98	1.06	2.52	3.39	3.56	5.59	5.42	1.37	2.38	2.64	.31	1.09
9	1.80	1.10	2.46	3.35	3.36	6.91	5.11	1.24	2.17	2.20	.26	1.00
10	1.56	1.17	3.01	3.30	3.23	8.08	5.01	1.16	2.08	2.13	.26	.89
11	1.41	1.18	3.11	3.35	3.17	7.06	4.98	1.21	2.17	2.21	.67	.86
12	1.33	1.14	3.03	3.41	3.18	6.08	4.70	1.27	2.38	2.14	1.26	.76
13	1.28	1.18	2.87	3.47	3.33	5.75	4.39	1.28	2.89	2.16	1.02	.77
14	1.22	1.29	2.70	3.51	3.33	5.34	4.16	1.24	3.07	2.00	.62	.85
15	1.20	1.44	2.64	3.58	3.31	5.69	4.06	1.23	3.40	1.87	.39	.78
16	1.17	1.54	2.66	3.64	3.20	6.16	4.14	1.19	3.66	1.46	.30	.70
17	1.08	1.58	2.78	3.63	3.14	6.03	4.05	1.13	4.13	1.03	.46	.60
18	1.05	1.66	2.85	3.63	3.12	6.55	3.92	.97	9.02	.76	.71	.45
19	1.04	2.02	2.89	3.71	3.06	6.88	3.82	.88	8.38	.61	.84	.37
20	.99	2.66	2.94	4.20	3.03	7.25	3.65	.81	7.38	.54	1.01	.32
21	.93	2.93	2.85	4.51	3.00	8.23	3.56	.78	6.75	.45	1.30	.30
22	.93	3.10	2.90	4.52	3.21	7.61	3.57	.87	5.95	.38	1.23	.29
23	.95	3.16	3.11	4.58	3.69	6.85	3.61	1.00	4.94	.47	1.16	.30
24	.95	3.09	3.31	4.53	3.76	6.15	3.43	.91	3.93	1.16	1.06	.54
25	.93	3.45	3.39	4.58	3.89	5.91	3.24	.80	3.06	.95	.93	1.25
26	.95	4.03	3.26	4.59	4.03	6.94	3.09	.82	2.86	.91	1.12	1.16
27	.96	4.22	3.02	4.67	4.07	7.09	2.94	.92	2.71	.99	.89	1.00
28	.95	4.19	2.94	4.65	4.63	6.33	2.81	.85	2.37	1.11	.69	.90
29	.97	4.07	3.48	4.28	---	5.86	2.63	.91	2.62	1.25	.74	.83
30	1.00	3.89	3.73	3.92	---	6.00	2.49	1.17	2.59	1.36	.67	.74
31	1.00	---	3.77	3.71	---	5.93	---	1.63	---	1.36	.54	---
MEAN	1.67	2.08	3.13	3.90	3.46	6.32	4.49	1.27	3.56	1.63	.73	.85
MAX	4.56	4.22	3.97	4.67	4.63	8.23	7.38	2.37	9.02	2.99	1.30	1.64
MIN	.93	.98	2.46	3.30	3.00	5.22	2.49	.78	1.75	.38	.26	.29

# SAVANNAH RIVER BASIN

## 2001 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<sup>2</sup> Datum: 186.5 feet Period of Record: 1986 - 2001



**SAVANNAH RIVER BASIN  
2001 Water Year**

**02198100 BEAVERDAM CREEK NEAR SARDIS, GA**

**LOCATION.**--Lat 32°56'15", long 81°48'56", Burke-Jenkins County line, Hydrologic Unit 03060108, at downstream side of bridge on GA Highway 23, 0.8 miles downstream from Slough Branch, and 4.2 miles southwest of Sardis.

**DRAINAGE AREA.**--30.8 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Mar. 15	2400	315*	5.82*

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- June 1986 to current year.

**GAGE.**-- Water-stage recorder. Datum of gage is 186.48 feet above sea level.

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 5.82 feet, March 15; minimum gage-height recorded, 1.13 feet, August 12.



STATION NUMBER 02198100 BEAVERDAM CREEK NEAR SARDIS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325615 LONGITUDE 0814856 DRAINAGE AREA 30.80 DATUM 186.48 STATE 13 COUNTY 033

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	3.5	3.7	4.5	8.5	11	11	65	6.3	4.3	5.0	3.6	4.0
2	3.4	3.7	4.7	7.9	9.5	9.4	42	5.9	4.0	4.2	3.5	3.8
3	3.3	3.8	4.7	7.3	8.5	35	35	5.8	3.7	4.1	3.4	4.2
4	3.2	4.1	4.7	7.3	9.6	233	36	5.6	3.8	7.4	3.4	5.9
5	3.2	4.5	4.7	7.4	12	161	34	5.4	3.5	6.0	3.4	4.1
6	e3.1	4.8	4.5	7.8	9.8	60	28	5.3	3.4	4.3	3.4	3.7
7	e3.1	4.8	4.5	7.5	8.2	36	25	5.5	3.3	3.7	3.3	3.5
8	e3.2	4.4	4.2	12	7.3	25	21	5.6	3.5	3.4	3.1	3.3
9	e3.3	4.4	4.9	13	6.8	22	19	5.5	3.8	3.4	3.1	3.3
10	e3.4	4.8	14	9.8	7.2	21	17	5.4	3.9	3.5	3.2	3.6
11	e3.5	4.6	9.0	8.8	7.5	18	16	5.3	4.8	3.3	3.1	3.5
12	e3.6	4.3	6.8	10	8.3	21	14	5.4	6.0	3.3	3.0	3.3
13	e3.5	3.9	5.6	12	12	115	12	5.3	9.7	4.1	3.0	3.1
14	3.5	4.3	5.3	9.7	11	62	11	5.2	10	3.9	3.3	2.9
15	3.4	4.2	5.5	8.3	9.5	172	16	5.1	8.9	3.4	3.2	2.8
16	3.3	3.9	5.7	8.0	8.5	241	39	4.9	5.5	3.2	3.2	2.7
17	3.3	4.2	9.2	8.5	8.1	112	26	4.7	5.1	3.0	3.3	2.7
18	3.3	3.9	7.4	7.8	7.0	54	18	4.6	4.0	3.0	3.3	2.6
19	3.3	8.8	6.4	9.0	6.2	37	14	4.6	3.6	3.0	4.2	2.5
20	3.5	6.9	5.8	38	6.0	82	12	4.8	3.4	3.0	3.8	2.4
21	3.5	4.6	5.2	25	6.6	162	10	5.0	3.3	2.9	3.7	2.5
22	3.5	4.1	5.3	19	17	96	8.9	5.0	3.7	2.8	3.5	2.4
23	3.7	3.9	4.8	19	23	57	9.3	5.5	3.7	3.7	3.4	2.5
24	3.7	3.8	4.7	14	16	40	7.9	5.0	3.2	4.3	4.0	3.1
25	3.7	14	4.8	12	16	40	9.7	4.7	5.5	3.7	4.3	3.0
26	3.7	9.3	4.8	10	19	43	11	5.8	8.6	6.1	3.7	2.9
27	3.7	5.4	4.9	9.3	15	32	9.7	5.0	6.1	4.6	3.6	2.8
28	3.7	4.4	11	9.3	12	26	8.9	4.7	5.2	5.8	3.4	2.8
29	3.8	4.2	27	9.3	---	63	7.5	6.4	5.3	5.0	3.6	2.8
30	3.8	4.3	15	11	---	186	6.8	5.8	4.8	4.4	3.6	3.1
31	3.7	---	11	13	---	114	---	4.7	---	3.9	3.6	---
TOTAL	107.4	150.0	220.6	359.5	298.6	2386.4	589.7	163.8	147.6	125.4	107.2	95.8
MEAN	3.46	5.00	7.12	11.6	10.7	77.0	19.7	5.28	4.92	4.05	3.46	3.19
MAX	3.8	14	27	38	23	241	65	6.4	10	7.4	4.3	5.9
MIN	3.1	3.7	4.2	7.3	6.0	9.4	6.8	4.6	3.2	2.8	3.0	2.4
CFSM	.11	.16	.23	.38	.35	2.50	.64	.17	.16	.13	.11	.10
IN.	.13	.18	.27	.43	.36	2.88	.71	.20	.18	.15	.13	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2001, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	22.4	17.2	28.0	55.3	58.6	65.9	31.5	14.9	12.5	9.82	19.2	8.64				
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	1991	1992	1991	1991	1991	1992				
MIN	3.46	4.84	4.95	8.25	9.82	8.84	5.65	3.97	3.23	2.93	2.85	3.17				
(WY)	2001	1994	1999	2000	1989	1999	1999	1995	1990	2000	1993	1993				

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1986 - 2001

ANNUAL TOTAL	3285.6	4752.0		
ANNUAL MEAN	8.98	13.0	28.2	
HIGHEST ANNUAL MEAN			88.0	1998
LOWEST ANNUAL MEAN			5.03	1986
HIGHEST DAILY MEAN	316	Mar 21	241	Mar 16
LOWEST DAILY MEAN	2.3	Jul 21	2.4	Sep 20
ANNUAL SEVEN-DAY MINIMUM	2.4	Jul 16	2.5	Sep 17
MAXIMUM PEAK FLOW			315	Mar 15
MAXIMUM PEAK STAGE			5.82	Mar 15
INSTANTANEOUS LOW FLOW				8.49
ANNUAL RUNOFF (CFSM)	.29		.42	2.1
ANNUAL RUNOFF (INCHES)	3.97		5.74	Jul 22 2000
10 PERCENT EXCEEDS	15		25	.92
50 PERCENT EXCEEDS	5.0		5.0	12.45
90 PERCENT EXCEEDS	3.1		3.2	60
				7.3
				3.4

STATISTICS COMPUTED BY: jkjoiner

DATE: 03/28/2002 AT: 15:12:07

e Estimated

STATION NUMBER 02198100 BEAVERDAM CREEK NEAR SARDIS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325615 LONGITUDE 0814856 DRAINAGE AREA 30.80 DATUM 186.48 STATE 13 COUNTY 033

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	1.35	1.59	1.93	2.01	2.11	2.11	3.71	1.54	1.40	1.45	1.25	1.28
2	1.34	1.61	1.95	1.97	2.06	2.05	3.11	1.52	1.39	1.37	1.23	1.26
3	1.33	1.64	1.95	1.92	2.00	2.82	2.90	1.51	1.36	1.36	1.22	1.29
4	1.33	1.69	1.95	1.92	2.06	5.40	2.93	1.49	1.36	1.64	1.22	1.45
5	1.33	1.74	1.96	1.93	2.16	4.89	2.87	1.48	1.34	1.53	1.22	1.30
6	---	1.79	1.94	1.96	2.07	3.59	2.68	1.47	1.32	1.38	1.21	1.27
7	---	1.81	1.94	1.93	1.99	2.96	2.57	1.49	1.31	1.31	1.20	1.25
8	---	1.79	1.91	2.14	1.92	2.64	2.42	1.49	1.33	1.29	1.18	1.24
9	---	1.80	1.96	2.20	1.89	2.53	2.33	1.49	1.37	1.28	1.18	1.25
10	---	1.85	2.35	2.07	1.91	2.51	2.24	1.49	1.39	1.28	1.19	1.29
11	---	1.86	2.18	2.02	1.94	2.39	2.18	1.48	1.46	1.27	1.18	1.29
12	---	1.84	2.08	2.10	1.98	2.46	2.06	1.49	1.57	1.26	1.17	1.28
13	---	1.83	2.02	2.17	2.16	4.46	1.95	1.48	1.84	1.34	1.17	1.26
14	1.34	1.88	2.01	2.07	2.12	3.62	1.88	1.47	1.84	1.31	1.20	1.25
15	1.34	1.89	2.02	2.00	2.06	4.71	2.13	1.46	1.79	1.26	1.20	1.25
16	1.33	1.87	2.03	1.97	2.01	5.45	3.03	1.44	1.53	1.24	1.19	1.25
17	1.33	1.91	2.19	2.01	1.98	4.41	2.60	1.43	1.49	1.22	1.20	1.25
18	1.33	1.88	2.11	1.96	1.90	3.45	2.25	1.43	1.39	1.21	1.21	1.25
19	1.34	2.14	2.06	2.01	1.83	2.98	2.01	1.42	1.35	1.21	1.30	1.25
20	1.36	2.08	2.03	3.02	1.82	3.78	1.89	1.44	1.32	1.21	1.26	1.24
21	1.38	1.94	2.00	2.63	1.87	4.92	1.80	1.46	1.30	1.20	1.25	1.27
22	1.40	1.90	2.00	2.45	2.31	4.24	1.73	1.46	1.34	1.19	1.23	1.27
23	1.43	1.88	1.76	2.43	2.57	3.51	1.75	1.51	1.34	1.27	1.21	1.28
24	1.46	1.87	1.70	2.26	2.33	3.08	1.67	1.46	1.29	1.33	1.27	1.37
25	1.47	2.33	1.72	2.16	2.33	3.05	1.78	1.44	1.48	1.28	1.31	1.36
26	1.49	2.19	1.72	2.09	2.44	3.14	1.89	1.54	1.74	1.49	1.25	1.36
27	1.51	2.00	1.73	2.05	2.28	2.83	1.79	1.47	1.55	1.37	1.23	1.35
28	1.53	1.93	2.03	2.04	2.19	2.63	1.74	1.44	1.48	1.46	1.21	1.37
29	1.55	1.91	2.69	2.05	---	3.38	1.64	1.58	1.49	1.40	1.23	1.37
30	1.56	1.92	2.29	2.12	---	5.11	1.58	1.54	1.43	1.34	1.24	1.42
31	1.58	---	2.11	2.20	---	4.48	---	1.44	---	1.29	1.24	---
MEAN	---	1.88	2.01	2.12	2.08	3.53	2.24	1.48	1.45	1.32	1.22	1.30
MAX	---	2.33	2.69	3.02	2.57	5.45	3.71	1.58	1.84	1.64	1.31	1.45
MIN	---	1.59	1.70	1.92	1.82	2.05	1.58	1.42	1.29	1.19	1.17	1.24

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02198500 SAVANNAH RIVER NEAR CLYO, GA**

**LOCATION.**--Lat 32°31'41" (revised), long 81°16'08" (revised), 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<sup>2</sup>, 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 sea level. 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  
 LATITUDE 323141 LONGITUDE 0811608 DRAINAGE AREA 9850 DATUM 13.39 STATE 13 COUNTY 103  
 ,PUBLISHED  
 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	7920	5150	6260	6640	6580	7350	10400	5760	e6330	6420	5500	5360
2	6900	5150	6060	6460	6600	7140	11900	5690	6300	6420	5420	5450
3	6230	5180	5960	6170	6640	6910	12800	5590	5990	6180	5410	5420
4	5970	5150	5820	6030	6640	7210	12600	5520	5840	6000	5420	5360
5	6240	5130	5820	6450	6480	7970	10900	5540	5820	6170	5360	5270
6	6380	5100	5890	6320	6540	9310	9820	5560	5840	6630	5330	5400
7	6210	5080	5960	6180	6350	11300	9910	5570	5780	7160	5350	5620
8	6000	5050	6080	6160	6260	12600	9690	5630	5710	7070	5400	5920
9	5770	4980	6270	6150	6210	12800	8860	5740	5600	6510	5380	5890
10	5620	4960	6250	6220	6110	11200	8000	5650	5560	5910	5590	5610
11	5550	4970	5880	6420	5930	9290	7530	5490	5500	5580	5920	5380
12	5710	5020	5750	6460	5920	8380	7580	5390	5400	5850	6060	5190
13	5710	5220	5760	6400	5920	8300	7580	5360	5490	6100	6060	5330
14	5740	5400	5710	6280	5910	8080	7450	5330	5800	6160	5640	5430
15	5900	5510	5850	6310	6040	8460	7330	5280	7550	6150	5360	5340
16	5900	5540	5860	6320	6240	9210	7240	5260	10100	5710	5240	5180
17	5550	5500	5720	6170	6190	10200	6860	5260	11200	5420	5200	5050
18	5400	5400	5650	6170	6110	11700	6710	5390	10800	5240	5230	4950
19	5540	5410	5680	6280	6090	13100	6570	5490	8740	5110	5450	4890
20	5680	5470	5830	6190	6130	14100	6420	5410	7220	5090	5350	4890
21	5760	5550	6230	6290	6180	13800	6500	5320	7560	5190	5270	4940
22	5730	5880	6280	7030	6290	12400	6330	5280	7680	5240	5320	4930
23	5610	6210	6220	7500	6270	12100	6170	5450	7290	5140	5500	4850
24	5430	6290	6110	8060	6580	12500	6050	5410	6920	5160	5470	4840
25	5260	6030	5900	8350	7600	12400	6140	5270	6700	5440	5680	4890
26	5340	5900	5700	8050	8880	11300	6250	5210	e6260	5890	5930	4920
27	5620	6190	5610	7620	8500	9670	6320	5180	e6180	5830	5620	5070
28	5640	6610	5820	7610	7740	9170	6280	5120	e5960	5900	5320	5100
29	5660	6750	6360	7310	---	9550	6150	5100	6150	5760	5180	4990
30	5420	6560	6710	6640	---	9240	5970	5110	6310	5660	5120	4890
31	5210	---	6910	6390	---	9300	---	e5570	---	5630	5110	---
TOTAL	180600	166340	185910	206630	182930	316040	238310	167930	203580	181720	169190	156350
MEAN	5826	5545	5997	6665	6533	10190	7944	5417	6786	5862	5458	5212
MAX	7920	6750	6910	8350	8880	14100	12800	5760	11200	7160	6060	5920
MIN	5210	4960	5610	6030	5910	6910	5970	5100	5400	5090	5110	4840
CFSM	.59	.56	.61	.68	.66	1.04	.81	.55	.69	.60	.55	.53
IN.	.68	.63	.70	.78	.69	1.19	.90	.63	.77	.69	.64	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2001, BY WATER YEAR (WY)

MEAN	9181	8731	11180	14220	15990	18410	17190	11670	9489	8752	8998	8151
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	5853	6533	7043	5698	4873	4925	4635	4793	3098
(WY)	1932	1932	1940	1956	2001	1988	2000	1941	1988	1952	1951	1931

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1930 - 2001
ANNUAL TOTAL	2206600	2355530	
ANNUAL MEAN	6029	6454	11810
HIGHEST ANNUAL MEAN			20900
LOWEST ANNUAL MEAN			6009
HIGHEST DAILY MEAN	12900	Jan 30	14100
LOWEST DAILY MEAN	4790	May 21	4840
ANNUAL SEVEN-DAY MINIMUM	4820	Jun 13	4890
MAXIMUM PEAK FLOW			14400
MAXIMUM PEAK STAGE			9.90
ANNUAL RUNOFF (CFSM)	.61		.66
ANNUAL RUNOFF (INCHES)	8.33		8.90
10 PERCENT EXCEEDS	7290		8600
50 PERCENT EXCEEDS	5700		5920
90 PERCENT EXCEEDS	4960		5180

STATISTICS COMPUTED BY: jmbarton

DATE: 03/07/2002 AT: 10:35:55

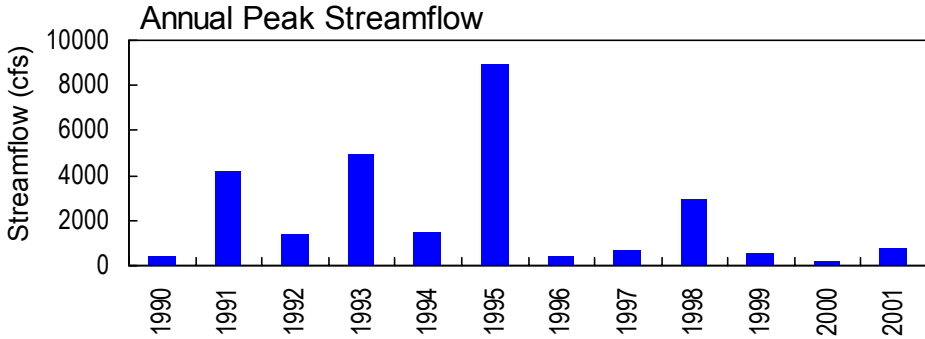
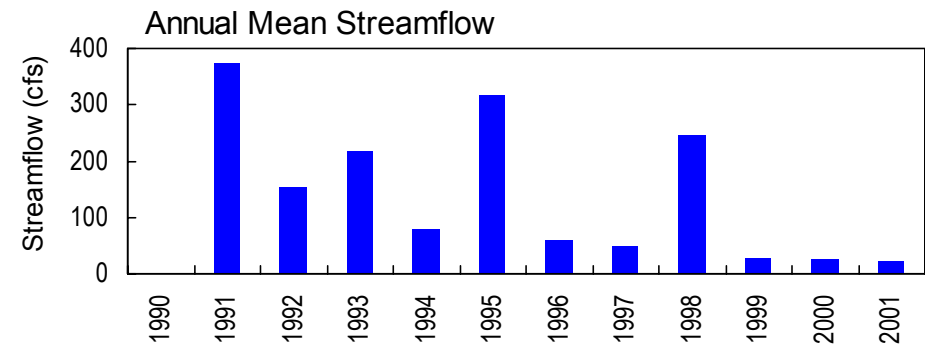
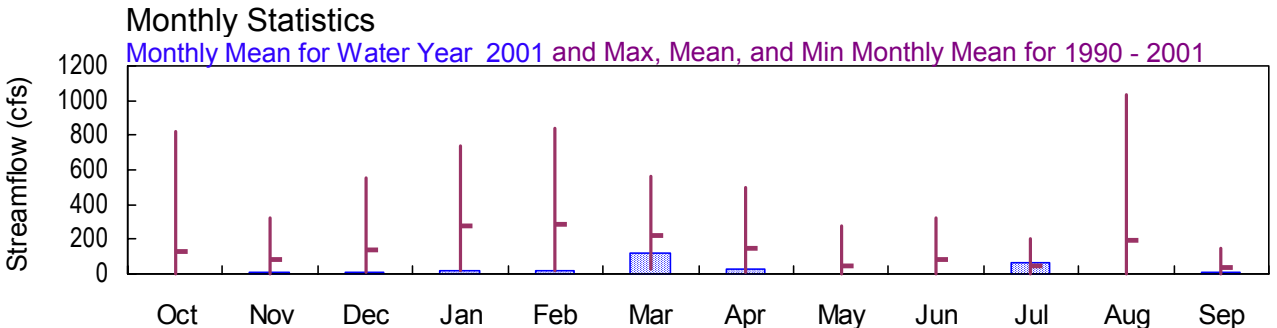
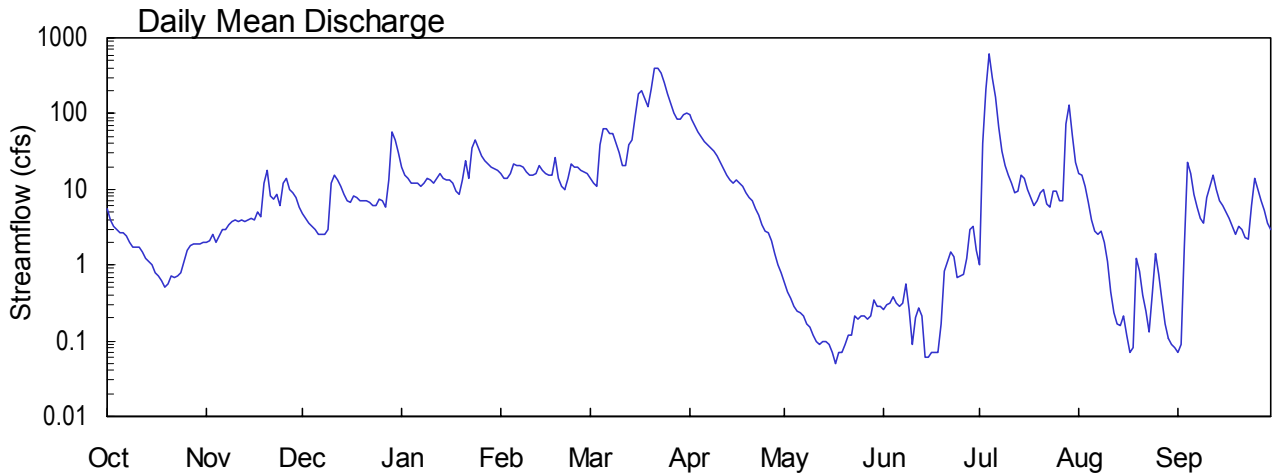
e Estimated

# SAVANNAH RIVER BASIN

## 2001 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<sup>2</sup> Datum: 20 feet Period of Record: 1990 - 2001



**SAVANNAH RIVER BASIN  
2001 Water Year**

**02198690 EBENEZER CREEK AT SPRINGFIELD, GA**

**LOCATION.**--Lat 32°21'56", long 81°17'51", 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<sup>2</sup>.

**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 feet above sea level (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 10 ft<sup>3</sup>/s, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 800 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Jul.04	1045	809*	11.02*

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--March 1990 to current year.

**GAGE.**—Phone telemetry with a water-stage recorder. Elevation of gage is 20 feet above sea level (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, 11.02 feet, July 4; minimum gage-height recorded, 2.88 feet, August 18.

STATION NUMBER 02198690 EBENEZER CREEK AT SPRINGFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 322156 LONGITUDE 0811751 DRAINAGE AREA 181.0 DATUM 20 STATE 13 COUNTY 103

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	2.0	4.7	20	16	14	99	.59	.26	1.0	16	.07
2	3.9	2.1	4.1	15	14	12	84	.45	.30	40	15	.09
3	3.2	2.6	3.6	14	14	11	68	.37	.32	214	11	1.7
4	2.9	2.0	3.2	12	16	39	57	.28	.39	620	6.7	23
5	2.7	2.4	2.9	12	22	62	49	.25	.31	294	4.0	16
6	2.7	2.9	2.6	12	21	63	43	.24	.28	164	2.8	8.7
7	2.4	3.0	2.5	11	21	55	39	.21	.32	67	2.5	5.7
8	2.0	3.4	2.6	12	20	53	35	.17	.57	32	2.8	4.1
9	1.7	3.8	2.9	14	17	41	32	.15	.26	21	2.0	3.6
10	1.7	3.9	12	13	15	30	27	.12	.09	15	1.1	7.9
11	1.7	3.8	15	12	15	21	23	.10	.20	12	.44	11
12	1.5	3.9	13	14	16	21	19	.09	.27	9.0	.24	15
13	1.2	3.8	11	16	21	38	15	.10	.21	9.4	.17	10
14	1.1	4.0	8.5	14	18	45	13	.10	.06	15	.16	6.9
15	1.0	4.2	7.2	13	16	93	12	.09	.06	14	.21	6.0
16	.81	4.0	6.7	13	15	187	13	.07	.07	9.7	.12	5.0
17	.71	4.9	8.3	12	15	198	12	.05	.07	7.8	.07	4.1
18	.63	4.3	7.6	9.5	26	157	11	.07	.07	6.1	.08	3.2
19	.52	12	7.0	8.5	14	124	9.1	.07	.17	7.0	1.2	2.6
20	.56	18	7.0	13	11	212	7.9	.09	.83	8.9	.83	3.2
21	.71	8.0	7.0	24	9.7	393	6.9	.12	1.1	10	.40	2.9
22	.67	7.4	6.8	14	14	391	5.6	.12	1.5	6.4	.25	2.3
23	.72	8.5	6.1	35	22	338	4.5	.21	1.3	5.8	.13	2.2
24	.79	6.2	6.2	45	20	261	3.4	.19	.69	9.5	.42	6.0
25	1.1	12	7.4	35	20	181	2.8	.21	.73	9.3	1.4	14
26	1.6	14	6.9	27	18	136	2.7	.21	.75	7.1	.74	10
27	1.8	9.7	5.7	24	17	104	2.1	.19	1.2	7.1	.35	7.2
28	1.9	9.2	13	22	16	82	1.4	.21	2.9	72	.17	5.2
29	1.9	7.6	58	20	---	83	1.0	.34	3.3	133	.11	3.6
30	1.9	5.7	44	19	---	99	.78	.28	1.6	52	.09	2.9
31	2.0	---	31	18	---	103	---	.29	---	23	.08	---
TOTAL	53.42	179.3	324.5	543.0	479.7	3647	699.18	6.03	20.18	1902.1	71.56	194.16
MEAN	1.72	5.98	10.5	17.5	17.1	118	23.3	.19	.67	61.4	2.31	6.47
MAX	5.4	18	58	45	26	393	99	.59	3.3	620	16	23
MIN	.52	2.0	2.5	8.5	9.7	11	.78	.05	.06	1.0	.07	.07
CFSM	.01	.03	.06	.10	.09	.65	.13	.00	.00	.34	.01	.04
IN.	.01	.04	.07	.11	.10	.75	.14	.00	.00	.39	.01	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2001, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
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	.55	1.57	10.5	17.5	17.1	23.3	12.2	.19	.57	.053	.35	.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	8752.30	8120.13	
ANNUAL MEAN	23.9	22.2	143
HIGHEST ANNUAL MEAN			373
LOWEST ANNUAL MEAN			22.2
HIGHEST DAILY MEAN	204	Mar 24	620 Jul 4
LOWEST DAILY MEAN	.00	May 25	.05 May 17
ANNUAL SEVEN-DAY MINIMUM	.00	May 25	.08 May 14
MAXIMUM PEAK FLOW			809 Jul 4
MAXIMUM PEAK STAGE			11.02 Jul 4
INSTANTANEOUS LOW FLOW			.00
ANNUAL RUNOFF (CFSM)	.13		.12
ANNUAL RUNOFF (INCHES)	1.80		1.67
10 PERCENT EXCEEDS	71		45
50 PERCENT EXCEEDS	6.2		6.4
90 PERCENT EXCEEDS	.13		.20

STATISTICS COMPUTED BY: jkjoiner

DATE: 03/28/2002 AT: 15:15:38

STATION NUMBER 02198690 EBENEZER CREEK AT SPRINGFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 322156 LONGITUDE 0811751 DRAINAGE AREA 181.0 DATUM 20 STATE 13 COUNTY 103

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  
2001 Water Year**

**02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA**

**LOCATION.**--Lat 32°14'08", long 81°09'05", 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.**—Indeterminant.

**COOPERATION.**—U.S. Army Corps of Engineers, Savannah District; City of Savannah.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--June 1987 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is sea level (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 FOR CURRENT YEAR.**--Maximum gage-height recorded, 6.20 feet, July 21; minimum gage-height recorded, -4.36 feet, January 6.

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103

(NGVD OF 1929)

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	5.78	- .65	5.02	-1.54	4.64	-1.82	5.16	-3.69	3.51	-3.34	4.79	-2.40
2	5.48	-1.16	4.89	-1.52	4.69	-1.60	5.48	-3.37	3.88	-3.03	4.75	-2.88
3	5.11	-1.53	4.77	-1.40	4.58	-1.36	5.43	-3.13	4.22	-3.12	4.36	-2.93
4	4.83	-1.41	4.67	-1.28	4.72	-1.28	4.92	-3.33	4.91	-2.79	4.88	-3.15
5	4.70	-1.50	4.80	-1.30	4.62	-2.26	4.93	-2.93	5.10	-2.98	3.28	-3.96
6	4.54	-1.78	4.94	-1.60	4.68	-2.70	4.89	-4.36	5.15	-4.22	---	---
7	4.67	-1.34	4.74	-1.92	4.79	-2.70	3.90	-4.06	5.38	-3.86	---	---
8	4.80	-1.41	4.92	-2.30	5.04	-3.19	4.00	-3.74	5.45	-3.97	---	---
9	4.90	-1.62	5.32	-2.44	5.19	-3.60	4.40	-3.79	5.38	-3.85	---	---
10	5.06	-1.95	5.06	-2.72	5.63	-2.74	4.20	-4.12	5.16	-3.85	---	---
11	5.08	-2.45	5.67	-2.94	5.74	-3.09	4.49	-4.12	5.26	-4.03	---	---
12	5.23	-2.55	5.85	-2.14	5.59	-3.23	4.80	-4.08	5.32	-3.13	---	---
13	5.30	-2.35	5.84	-2.35	5.80	-3.28	4.41	-3.60	4.83	-3.35	---	---
14	5.46	-2.29	5.56	-2.47	5.58	-3.04	4.74	-3.62	4.37	-3.05	---	---
15	5.42	-2.62	5.66	-3.04	5.23	-3.73	4.36	-3.49	4.29	-2.87	---	---
16	5.47	-2.62	5.54	-2.56	5.45	-2.60	4.40	-3.18	4.28	-2.74	---	---
17	5.52	-2.37	5.27	-2.51	5.14	-3.39	4.24	-3.41	4.37	-3.23	---	---
18	5.53	-2.34	5.30	-2.57	4.36	-3.38	3.92	-3.33	4.76	-2.85	---	---
19	5.52	-2.12	5.37	-1.78	4.68	-2.43	4.21	-2.76	4.93	-2.26	---	---
20	5.44	-1.90	5.25	-2.71	4.23	-2.59	3.88	-2.86	4.65	-2.82	---	---
21	5.35	-2.42	4.36	-3.75	4.16	-2.13	3.92	-2.62	4.58	-3.24	---	---
22	5.36	-2.55	4.76	-3.51	4.47	-1.68	3.98	-2.38	4.78	-3.20	---	---
23	5.62	-2.17	4.95	-3.36	4.32	-1.63	4.31	-2.53	4.81	-2.78	---	---
24	5.56	-1.69	5.25	-3.02	4.05	-2.91	4.50	-3.20	4.89	-2.68	4.96	-2.34
25	5.58	-1.92	5.69	-2.07	4.29	-2.68	4.47	-3.20	4.79	-2.94	5.17	-2.44
26	5.69	-1.81	5.11	-2.96	4.78	-3.30	5.10	-3.02	4.70	-3.09	5.07	-2.55
27	5.60	-1.84	4.94	-3.00	4.63	-3.98	5.28	-3.57	4.76	-2.72	5.12	-2.49
28	5.58	-2.07	4.80	-3.12	4.89	-3.55	5.24	-4.03	4.74	-2.77	5.46	-2.03
29	5.75	-2.20	4.72	-2.52	5.14	-3.43	5.17	-3.98	---	---	5.46	-2.16
30	5.39	-1.96	4.48	-2.80	5.14	-3.74	4.29	-3.25	---	---	4.91	-2.88
31	5.04	-2.00	---	---	5.23	-3.36	3.55	-3.57	---	---	4.71	-2.85
MONTH	5.78	-2.62	5.85	-3.75	5.80	-3.98	5.48	-4.36	5.45	-4.22	---	---

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103  
 (NGVD OF 1929)

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	4.64	-3.33	4.92	-2.86	5.14	-2.69	5.10	-3.06	5.40	-1.82	4.94	-2.81
2	4.48	-2.52	5.00	-2.86	5.09	-3.45	5.18	-3.21	5.20	-2.36	5.13	-2.64
3	4.95	-2.73	4.89	-3.20	5.18	-3.48	5.39	-2.89	5.06	-2.46	5.25	-2.26
4	5.05	-2.73	5.12	-3.21	5.13	-3.61	4.99	-2.84	5.10	-2.68	5.04	-2.13
5	5.57	-2.23	5.31	-3.30	5.10	-3.38	4.93	-3.30	4.90	-2.65	4.83	-2.50
6	5.45	-2.42	5.50	-3.34	5.03	-3.43	5.00	-3.13	4.86	-2.63	5.05	-2.60
7	5.28	-3.05	5.80	-1.82	4.91	-3.15	5.11	-2.65	4.77	-2.61	5.13	-1.80
8	5.40	-3.15	5.64	-2.42	4.81	-2.95	4.84	-2.53	4.71	-2.70	5.03	-1.76
9	5.41	-3.11	5.47	-2.83	4.96	-2.90	4.77	-2.53	4.54	-2.72	4.97	-1.56
10	5.30	-2.99	5.36	-2.85	4.96	-2.46	4.77	-2.34	4.44	-2.89	4.90	-2.10
11	5.30	-2.67	5.12	-2.54	4.77	-2.33	4.45	-2.57	4.33	-2.99	5.01	-2.52
12	5.24	-2.66	4.75	-2.64	4.55	-2.18	4.38	-2.54	4.47	-2.98	5.41	-1.89
13	4.73	-2.83	4.48	-2.64	4.10	-2.76	4.66	-2.38	4.59	-3.14	5.73	-1.83
14	4.15	-2.66	4.69	-1.81	3.99	-2.82	4.87	-1.62	4.80	-3.36	5.95	-1.94
15	4.41	-1.96	4.51	-2.10	4.25	-2.84	4.86	-2.41	5.37	-2.99	5.97	-1.41
16	4.09	-2.45	4.64	-2.20	4.57	-2.87	5.02	-2.80	5.51	-3.03	6.16	-1.17
17	4.25	-2.35	4.84	-1.72	5.09	-2.48	5.26	-2.97	5.64	-3.48	5.96	-1.90
18	4.17	-2.55	4.92	-2.06	5.34	-2.29	5.41	-3.34	5.88	-3.82	5.79	-1.98
19	4.24	-2.95	5.08	-2.80	5.50	-2.57	5.53	-3.70	5.56	-3.76	5.62	-2.06
20	4.61	-3.25	5.23	-3.01	5.55	-3.20	5.92	-3.48	5.53	-3.65	5.46	-2.41
21	4.56	-3.43	5.33	-2.98	5.67	-2.92	6.20	-1.84	5.40	-3.42	5.40	-2.41
22	4.72	-3.68	5.38	-3.30	5.64	-3.31	6.09	-1.66	5.40	-2.88	5.38	-2.36
23	4.83	-3.68	5.50	-3.21	5.62	-3.42	6.09	-2.25	5.30	-2.70	5.23	-2.16
24	4.95	-3.84	5.58	-2.98	5.60	-3.10	5.58	-3.22	4.98	-2.98	5.04	-1.76
25	5.10	-3.74	5.54	-3.25	5.62	-2.54	5.36	-2.86	5.14	-2.61	4.76	-2.04
26	5.14	-3.25	5.54	-3.25	5.56	-2.67	5.07	-2.71	5.23	-1.90	4.70	-1.80
27	5.12	-3.24	5.40	-2.90	5.26	-2.66	4.82	-3.02	5.13	-2.10	4.73	-1.82
28	5.14	-3.26	5.28	-3.05	5.07	-2.80	5.02	-2.66	4.77	-2.61	4.97	-1.93
29	4.93	-2.75	5.12	-3.26	5.13	-2.66	5.11	-2.47	4.89	-2.94	5.18	-1.72
30	5.19	-2.91	5.06	-2.80	5.21	-2.92	5.00	-3.17	4.89	-2.73	5.25	-1.55
31	---	---	5.04	-2.95	---	---	5.40	-2.09	5.00	-2.67	---	---
MONTH	5.57	-3.84	5.80	-3.34	5.67	-3.61	6.20	-3.70	5.88	-3.82	6.16	-2.81

**SAVANNAH RIVER BASIN**  
**2001 Water Year**

**02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA**

**LOCATION.**--Lat 32°14'08", long 81°09'05", 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.

**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, 820 microsiemens, August 10, 1999; minimum recorded, 30 microsiemens, August 26, 1995.

**WATER TEMPERATURE:** Maximum, 30.6 °C, July 21, 2000; minimum, 5.1 °C, January 31, 2000.

**EXTREMES FOR CURRENT YEAR.**--

**SPECIFIC CONDUCTANCE:** Maximum, 4,810 microsiemens July 22; minimum, 80 microsiemens, March 20, 21, June 18.

**WATER TEMPERATURE:** Maximum, 29.9 °C, August 10, 11; minimum, 8.6 °C, January 27.

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103

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	107	102	104	131	121	125	---	---	---	---	---	---
2	115	104	109	135	127	132	---	---	---	---	---	---
3	117	107	113	136	132	134	---	---	---	---	---	---
4	122	115	119	137	131	134	---	---	---	---	---	---
5	129	121	124	140	131	134	---	---	---	---	---	---
6	132	127	130	147	132	138	---	---	---	---	---	---
7	131	119	127	155	136	141	---	---	---	---	---	---
8	123	116	119	191	138	149	---	---	---	---	---	---
9	127	116	119	247	140	167	---	---	---	---	---	---
10	151	118	125	214	139	158	---	---	---	---	---	---
11	173	124	135	581	138	211	---	---	---	---	---	---
12	189	125	140	856	138	230	---	---	---	---	---	---
13	194	128	143	663	135	205	---	---	---	---	---	---
14	184	124	140	258	132	154	---	---	---	---	---	---
15	172	126	137	251	128	147	---	---	---	---	---	---
16	160	120	130	170	127	136	---	---	---	---	---	---
17	147	120	127	142	126	130	---	---	---	---	---	---
18	153	118	126	142	126	130	---	---	---	---	---	---
19	146	123	129	145	128	133	---	---	---	---	---	---
20	148	130	134	147	131	134	---	---	---	---	---	---
21	146	121	130	---	---	---	---	---	---	---	---	---
22	140	120	124	---	---	---	---	---	---	---	---	---
23	170	119	128	---	---	---	---	---	---	---	---	---
24	174	118	130	---	---	---	---	---	---	---	---	---
25	199	119	135	---	---	---	---	---	---	---	---	---
26	226	122	141	---	---	---	---	---	---	---	---	---
27	171	125	136	---	---	---	---	---	---	102	97	99
28	162	128	136	---	---	---	---	---	---	106	100	104
29	210	119	133	---	---	---	---	---	---	107	103	105
30	133	120	124	---	---	---	---	---	---	106	101	102
31	133	120	125	---	---	---	---	---	---	106	101	103
MONTH	226	102	128	---	---	---	---	---	---	---	---	---

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103

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	114	105	111	119	107	116	106	103	104	137	125	129
2	115	113	114	120	116	118	104	96	99	148	128	133
3	114	112	113	123	118	120	97	87	92	156	131	137
4	120	113	117	124	117	120	88	83	85	170	131	141
5	130	114	119	122	118	120	92	85	88	189	129	143
6	151	114	124	122	113	118	98	91	95	248	134	152
7	157	119	130	122	107	111	105	98	102	374	133	159
8	191	124	137	112	90	101	104	101	103	297	131	146
9	170	125	137	91	82	86	102	100	101	230	132	141
10	155	126	134	92	82	87	105	100	102	164	130	136
11	151	126	132	99	90	96	111	102	108	145	130	134
12	145	129	133	106	98	103	120	109	115	140	127	134
13	139	131	135	110	100	105	122	117	119	140	136	138
14	141	135	137	110	105	108	121	114	117	144	136	139
15	138	134	136	114	108	111	118	114	116	142	133	137
16	139	134	136	116	107	112	117	112	114	156	133	138
17	136	127	132	108	104	106	116	114	115	166	136	143
18	140	123	127	106	99	102	117	109	113	176	137	146
19	133	122	125	100	92	95	122	108	113	190	139	150
20	134	124	127	92	80	86	134	112	116	221	139	153
21	135	126	129	84	80	81	137	116	124	250	131	157
22	143	128	131	93	83	89	142	123	129	323	131	159
23	141	126	130	97	92	94	141	117	126	422	130	170
24	136	121	125	97	91	95	138	117	126	384	131	160
25	130	122	126	92	87	90	143	123	131	362	130	156
26	126	119	121	90	87	89	143	127	132	346	127	151
27	123	107	117	94	88	91	143	125	131	257	134	151
28	132	107	113	100	92	97	137	125	129	206	133	146
29	---	---	---	107	98	104	132	122	126	170	131	141
30	---	---	---	106	97	102	131	120	125	186	133	145
31	---	---	---	105	97	100	---	---	---	180	132	147
MONTH	191	105	127	124	80	102	143	83	113	422	125	146

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103

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	173	133	144	131	121	125	148	128	133	176	125	136
2	147	122	132	129	120	123	146	129	133	164	126	135
3	140	119	126	129	119	122	146	129	134	153	123	133
4	146	119	128	126	117	121	148	127	133	132	117	122
5	144	122	129	126	118	122	146	127	132	140	119	124
6	139	124	128	125	119	122	147	124	131	142	121	127
7	136	127	130	124	117	119	141	123	130	141	126	130
8	135	126	129	119	110	112	142	126	129	136	125	128
9	143	127	133	113	100	105	140	128	131	129	123	125
10	143	127	132	110	101	107	137	129	132	127	119	122
11	135	127	130	116	109	112	140	131	134	126	117	121
12	133	129	131	125	114	119	139	125	133	136	120	126
13	135	128	131	130	120	124	134	121	126	326	124	142
14	138	130	134	126	113	119	137	120	125	884	128	191
15	136	124	131	120	112	114	222	121	135	741	126	184
16	125	109	120	128	112	116	408	123	163	1550	126	272
17	110	82	96	156	111	119	577	130	188	787	125	209
18	88	80	84	299	113	137	1110	130	223	430	122	175
19	99	85	90	477	121	163	305	123	152	417	124	158
20	108	97	100	2080	124	266	256	125	145	208	125	144
21	123	102	108	4570	127	336	256	125	143	170	127	140
22	129	108	117	4810	128	378	220	125	141	159	125	136
23	125	112	117	1510	128	239	172	128	140	144	127	132
24	125	111	116	249	122	144	154	135	141	140	127	131
25	127	108	114	212	126	140	152	127	137	138	128	133
26	124	115	118	156	129	136	140	127	132	138	128	132
27	126	116	120	142	121	132	139	121	129	137	126	130
28	129	118	124	138	116	123	132	117	123	141	124	129
29	135	125	128	126	116	120	133	120	123	150	120	130
30	133	123	127	132	121	124	148	126	131	153	114	125
31	---	---	---	139	121	126	160	128	136	---	---	---
MONTH	173	80	122	4810	100	147	1110	117	139	1550	114	144

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.4	21.7	22.1	20.0	19.5	19.7	---	---	---	---	---	---
2	22.4	21.7	22.1	19.7	19.1	19.4	---	---	---	---	---	---
3	22.6	21.9	22.3	19.7	19.2	19.4	---	---	---	---	---	---
4	22.6	22.3	22.5	19.9	19.4	19.7	---	---	---	---	---	---
5	23.2	22.4	22.8	20.2	19.8	20.0	---	---	---	---	---	---
6	23.8	23.0	23.4	20.0	19.8	19.9	---	---	---	---	---	---
7	23.9	23.7	23.8	20.3	19.7	20.0	---	---	---	---	---	---
8	23.7	22.3	23.2	20.6	20.0	20.2	---	---	---	---	---	---
9	22.3	20.8	21.5	21.0	20.5	20.7	---	---	---	---	---	---
10	20.8	19.8	20.3	21.0	20.6	20.9	---	---	---	---	---	---
11	19.8	19.3	19.6	20.6	19.7	20.1	---	---	---	---	---	---
12	19.4	19.0	19.2	19.7	18.8	19.1	---	---	---	---	---	---
13	19.2	18.8	19.0	18.8	17.9	18.1	---	---	---	---	---	---
14	19.1	18.6	18.9	17.9	17.4	17.6	---	---	---	---	---	---
15	19.1	18.6	18.9	17.4	16.6	16.9	---	---	---	---	---	---
16	19.1	18.5	18.8	16.6	16.1	16.3	---	---	---	---	---	---
17	19.5	18.8	19.1	16.3	15.9	16.1	---	---	---	---	---	---
18	20.0	19.3	19.6	15.9	15.3	15.7	---	---	---	---	---	---
19	20.4	19.8	20.1	15.3	14.1	14.8	---	---	---	---	---	---
20	20.7	20.3	20.4	14.1	13.6	13.9	---	---	---	---	---	---
21	21.0	20.4	20.6	---	---	---	---	---	---	---	---	---
22	21.1	20.6	20.9	---	---	---	---	---	---	---	---	---
23	21.3	20.8	21.0	---	---	---	---	---	---	---	---	---
24	21.0	20.5	20.8	---	---	---	---	---	---	---	---	---
25	20.7	20.3	20.5	---	---	---	---	---	---	---	---	---
26	20.6	20.1	20.4	---	---	---	---	---	---	---	---	---
27	20.5	20.0	20.3	---	---	---	---	---	---	9.1	8.6	8.8
28	20.7	20.1	20.4	---	---	---	---	---	---	9.3	8.8	9.1
29	20.8	20.4	20.6	---	---	---	---	---	---	9.6	9.0	9.3
30	20.6	20.1	20.3	---	---	---	---	---	---	10.5	9.6	10.1
31	20.3	19.8	20.0	---	---	---	---	---	---	11.1	10.4	10.8
MONTH	23.9	18.5	20.8	---	---	---	---	---	---	---	---	---



STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103

## 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	11.4	11.1	11.3	16.0	15.4	15.7	15.7	14.9	15.3	21.8	20.9	21.3
2	11.4	11.2	11.3	16.5	15.6	16.0	15.5	14.8	15.2	21.9	21.2	21.6
3	11.3	11.0	11.2	16.9	16.4	16.5	15.2	14.5	14.8	22.3	21.5	21.8
4	11.1	10.7	10.9	16.9	16.4	16.6	14.7	14.3	14.5	22.7	21.9	22.2
5	11.1	10.6	10.9	16.9	16.1	16.5	15.2	14.5	14.8	23.3	22.2	22.7
6	11.2	10.8	11.0	16.1	14.7	15.4	16.2	15.1	15.6	23.9	22.8	23.3
7	11.2	10.8	11.0	14.7	14.0	14.3	17.4	16.1	16.7	23.8	23.2	23.5
8	11.6	10.8	11.1	14.1	13.5	13.7	18.4	17.2	17.8	23.6	23.0	23.3
9	12.2	11.3	11.6	13.7	13.1	13.4	19.5	18.1	18.8	23.5	22.9	23.2
10	12.4	12.0	12.2	13.3	12.6	13.0	20.7	19.3	19.9	23.5	22.8	23.2
11	12.7	12.2	12.4	13.2	12.6	12.9	21.7	20.5	21.1	23.6	22.9	23.3
12	12.6	12.3	12.5	13.4	12.9	13.2	22.4	21.5	21.9	23.9	23.0	23.5
13	12.3	12.0	12.1	14.5	13.3	13.8	23.0	22.2	22.5	24.3	23.3	23.8
14	12.5	12.0	12.2	15.1	14.2	14.6	23.3	22.5	22.9	24.5	23.8	24.1
15	13.4	12.2	12.8	15.8	14.9	15.3	23.2	22.7	22.9	24.9	23.9	24.4
16	14.4	13.2	13.8	16.7	15.6	16.0	22.8	22.1	22.5	25.4	24.5	24.9
17	15.1	14.4	14.7	16.7	16.2	16.5	22.3	20.8	21.6	25.9	25.0	25.4
18	14.8	14.4	14.6	16.5	15.8	16.2	20.8	19.7	20.1	26.3	25.5	25.9
19	14.4	13.8	14.1	15.8	14.6	15.2	19.8	19.1	19.5	26.6	25.7	26.1
20	14.0	13.6	13.8	14.8	14.3	14.5	19.5	18.8	19.1	26.2	25.8	26.0
21	14.4	13.7	14.0	14.4	13.3	13.8	19.8	18.9	19.3	26.3	25.4	25.8
22	14.7	14.3	14.5	13.8	12.9	13.3	20.2	19.3	19.7	26.8	25.9	26.3
23	14.9	14.4	14.6	14.2	13.2	13.7	20.6	19.6	20.1	26.7	26.2	26.5
24	15.0	14.5	14.7	14.4	13.6	14.0	21.2	20.3	20.7	26.5	25.6	25.9
25	15.1	14.6	14.9	14.3	14.1	14.2	21.1	20.6	20.8	26.0	25.0	25.2
26	15.1	14.4	14.8	14.6	13.8	14.2	20.8	20.1	20.5	25.2	24.5	24.8
27	15.5	14.9	15.2	14.5	13.8	14.1	20.8	20.0	20.5	24.9	24.2	24.6
28	15.7	15.1	15.4	14.3	13.9	14.1	21.1	20.2	20.7	25.4	24.5	24.9
29	---	---	---	14.4	13.9	14.2	21.5	20.8	21.1	25.3	24.8	25.0
30	---	---	---	15.0	14.3	14.6	21.5	21.0	21.2	25.6	24.7	25.1
31	---	---	---	15.3	14.7	15.0	---	---	---	26.3	25.3	25.7
MONTH	15.7	10.6	13.0	16.9	12.6	14.7	23.3	14.3	19.4	26.8	20.9	24.3

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.4	26.0	26.2	27.1	26.4	26.7	28.1	27.5	27.8	28.8	28.2	28.4
2	26.2	25.6	25.9	27.1	26.3	26.7	28.2	27.4	27.8	28.5	28.0	28.2
3	26.3	25.6	25.9	27.5	26.6	27.0	28.4	27.5	27.9	28.0	27.5	27.7
4	26.8	25.8	26.3	27.7	27.0	27.3	28.7	27.9	28.3	27.6	27.1	27.3
5	27.6	26.5	27.0	28.0	27.0	27.5	28.9	28.2	28.6	27.3	26.8	27.1
6	28.2	27.2	27.7	28.5	27.5	28.0	28.9	28.4	28.6	27.1	26.7	26.9
7	28.3	27.7	28.0	28.6	28.0	28.3	29.3	28.4	28.9	27.0	26.5	26.7
8	28.1	27.5	27.7	28.5	27.9	28.2	29.5	28.8	29.2	27.5	26.8	27.1
9	27.7	26.9	27.1	28.3	27.7	28.1	29.7	28.9	29.3	27.4	26.9	27.2
10	27.0	26.4	26.6	28.7	27.6	28.2	29.9	29.3	29.6	27.0	26.5	26.8
11	26.5	25.9	26.1	29.2	28.4	28.8	29.9	28.9	29.4	27.0	26.4	26.7
12	26.1	25.6	25.9	29.7	29.0	29.3	29.6	28.6	29.1	26.6	26.2	26.4
13	26.5	25.8	26.1	29.5	28.9	29.2	29.6	28.8	29.2	26.4	26.0	26.2
14	26.6	25.8	26.3	29.0	28.2	28.6	29.2	28.5	28.9	26.1	25.5	25.8
15	26.9	25.9	26.3	28.4	27.7	28.1	28.8	28.2	28.5	25.5	24.4	24.8
16	26.7	25.7	26.1	27.9	27.4	27.6	28.7	28.1	28.4	24.4	23.5	23.9
17	25.8	24.5	25.1	27.8	27.1	27.5	29.2	28.3	28.7	24.2	23.3	23.8
18	25.9	24.5	25.2	28.4	27.3	27.8	29.7	28.8	29.2	24.2	23.5	23.9
19	26.1	25.5	25.8	29.1	28.0	28.4	29.3	28.4	28.9	24.4	23.5	24.0
20	27.1	25.7	26.3	28.9	28.6	28.7	29.1	28.6	28.8	24.7	24.0	24.3
21	27.4	26.7	27.0	28.6	28.0	28.2	29.1	28.1	28.6	25.4	24.5	24.9
22	27.2	26.7	26.9	28.6	27.6	27.9	29.1	28.2	28.7	25.8	25.1	25.5
23	27.2	26.7	27.0	28.1	27.6	27.8	28.9	28.2	28.6	26.0	25.7	25.8
24	27.4	26.6	27.0	27.9	27.4	27.6	29.0	28.3	28.6	26.3	25.8	26.0
25	27.3	26.9	27.1	27.8	27.4	27.6	28.9	28.3	28.6	26.1	25.5	25.8
26	27.1	26.5	26.8	28.0	27.5	27.7	28.8	28.1	28.4	25.5	24.5	25.1
27	27.0	26.3	26.7	28.1	27.2	27.7	28.7	28.1	28.4	24.7	24.0	24.4
28	26.7	26.1	26.4	28.1	27.5	27.7	29.0	28.1	28.5	24.2	23.6	23.9
29	26.5	26.0	26.2	28.2	27.4	27.7	29.2	28.5	28.8	23.7	22.8	23.3
30	26.8	26.1	26.5	28.2	27.5	27.8	29.0	28.6	28.8	22.8	22.3	22.5
31	---	---	---	28.2	27.5	27.8	28.9	28.3	28.6	---	---	---
MONTH	28.3	24.5	26.5	29.7	26.3	27.9	29.9	27.4	28.7	28.8	22.3	25.7

**SAVANNAH RIVER BASIN**  
**2001 Water Year**

**02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA**

**LOCATION.**--Lat 32°09'57", long 81°09'14", Chatham County, Hydrologic Unit 03060109, at right downstream fender of bridge on US 17, 1.4 miles north of Port Wentworth.

**DRAINAGE AREA.**—Indeterminant.

**COOPERATION.**—U.S. Army Corps of Engineers, Savannah District.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--October 1987 to May 1998, July 1999 to current year.

**GAGE.**--Water stage recorder. Datum of gage is 3.39 feet below sea level, at mean low water (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records fair.

**EXTREMES FOR PERIOD OF RECORD.**--Maximum gage-height recorded, 11.08 feet, February 7, 1993 and September 26, 1992; minimum gage-height recorded, -3.41 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 FOR CURRENT YEAR.**--Maximum gage-height recorded, 10.36 feet, September 16; minimum gage-height recorded, -2.74 feet, February 8.

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051  
 (MEAN LOW WATER DATUM)

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	9.34	1.32	8.39	1.19	---	---	---	---	6.64	-.79	8.06	.28
2	8.95	1.02	8.23	1.60	---	---	---	---	7.05	-.21	8.00	-.25
3	8.50	1.35	8.08	1.68	---	---	---	---	7.38	-.54	7.54	-.21
4	8.20	1.60	7.96	2.01	---	---	---	---	8.21	-.23	8.15	-.48
5	7.99	1.72	8.13	2.02	---	---	---	---	---	---	6.49	-1.78
6	7.80	1.40	8.29	1.48	---	---	---	---	---	---	7.50	-2.12
7	7.96	1.95	8.06	.59	---	---	---	---	8.69	-2.36	8.90	-2.29
8	8.15	1.38	8.28	.52	---	---	---	---	8.82	-2.74	9.43	-1.25
9	8.25	.94	8.78	.19	---	---	---	---	---	---	9.37	-1.21
10	8.43	.78	8.60	-.01	---	---	---	---	---	---	9.51	-1.30
11	8.46	.07	9.46	-.51	---	---	---	---	---	---	9.31	-1.00
12	8.70	-.19	9.74	.05	---	---	---	---	---	---	8.82	-1.37
13	8.78	-.14	9.71	-.13	---	---	---	---	---	---	8.80	-1.52
14	8.99	-.16	9.37	-.41	---	---	---	---	7.59	-.48	7.80	-1.49
15	8.93	-.52	9.53	-.29	---	---	---	---	7.50	-.09	7.82	.04
16	8.99	-.48	9.32	.11	---	---	---	---	7.48	.00	7.70	.37
17	9.05	-.01	8.95	-.11	---	---	---	---	7.54	-.79	7.49	.40
18	9.09	.34	8.99	.43	---	---	---	---	8.02	.51	7.33	1.22
19	9.05	.62	9.05	1.14	---	---	---	---	8.22	.36	8.18	2.93
20	8.92	.91	9.08	-.44	---	---	7.95	-2.03	7.88	-.12	9.74	1.28
21	8.79	.02	---	---	---	---	7.26	-2.55	7.80	-.57	8.11	-.01
22	8.81	-.23	---	---	---	---	7.96	-1.27	8.05	-.66	7.97	-.34
23	9.19	.53	---	---	---	---	8.13	.01	8.10	-.34	8.23	-.47
24	9.13	.44	---	---	---	---	8.45	-.30	8.18	-.26	8.19	-.81
25	9.16	.01	---	---	---	---	7.73	-.54	8.03	-.75	8.48	-.87
26	9.32	.18	---	---	---	---	8.20	-.35	7.89	-.92	8.37	-.93
27	9.19	.05	---	---	---	---	7.50	-.96	7.99	-.42	8.44	-1.01
28	9.16	-.11	---	---	---	---	7.71	-.50	8.04	-.37	8.89	.05
29	9.36	.10	---	---	---	---	7.56	-.68	---	---	8.82	-.23
30	8.89	.46	---	---	---	---	7.44	-.63	---	---	8.05	-.85
31	8.44	.82	---	---	---	---	6.69	-1.20	---	---	7.81	-.78
MONTH	9.36	-.52	---	---	---	---	---	---	---	---	9.74	-2.29

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051  
 (MEAN LOW WATER DATUM)  
 GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.73	-1.41	8.21	-.18	8.51	-.46	8.46	-.63	8.89	.99	8.47	-.43
2	7.50	-.52	8.33	-.32	8.47	-1.09	8.51	-.86	8.61	.39	8.73	.16
3	8.08	-1.05	8.24	-.85	8.58	-1.32	8.83	-.80	8.41	.31	8.84	.63
4	8.29	-1.08	8.52	-.93	8.52	-1.61	8.30	-.44	8.47	-.04	8.61	.58
5	8.97	-.56	8.78	-1.25	8.49	-1.35	8.20	-.85	8.23	-.05	8.35	.12
6	8.83	-1.55	9.07	-1.32	8.41	-1.26	8.29	-1.02	8.18	.00	8.63	.18
7	8.64	-2.24	9.45	.15	8.26	-.90	8.43	-.39	8.05	-.09	8.74	1.10
8	8.79	-2.31	9.24	-.26	8.18	-.53	8.10	.12	7.88	-.19	8.59	1.17
9	8.84	-2.01	8.88	-.47	8.35	-.50	8.05	-.07	7.76	-.09	8.49	1.49
10	8.72	-1.50	8.48	-.31	8.15	.18	8.01	.32	7.68	-.17	8.42	1.01
11	8.64	-.96	8.43	-.21	8.10	.33	7.64	.05	7.53	-.11	8.53	.66
12	8.63	-.47	8.04	.00	7.82	.62	7.58	.36	7.67	-.16	9.05	1.38
13	8.02	-.33	7.73	.26	7.33	.17	7.89	.49	7.81	-.30	9.52	1.25
14	7.39	.01	7.97	1.21	7.25	.21	8.16	1.24	8.10	-.63	9.92	.65
15	7.68	1.04	7.77	.94	7.44	-.15	8.10	.51	8.85	-.19	9.94	1.05
16	7.24	.57	7.90	.93	7.78	-.18	8.32	.03	9.07	-.61	10.36	.34
17	7.47	.61	8.13	1.34	8.40	.02	8.66	-.19	9.26	-1.32	9.79	-.65
18	7.34	.49	8.23	.87	8.74	.00	8.93	-.80	9.60	-2.05	9.49	-.63
19	7.41	-.28	8.43	.03	8.98	-.60	9.11	-1.55	9.18	-2.21	9.19	-.52
20	7.85	-.70	8.64	-.39	9.11	-1.24	9.77	-1.39	9.14	-2.18	8.95	-.59
21	7.82	-.97	8.78	-.57	9.20	-1.45	10.20	-.13	8.94	-1.81	8.92	-.27
22	8.02	-1.36	8.88	-1.00	9.19	-1.70	10.02	-.03	8.99	-1.32	8.93	.16
23	8.14	-1.44	9.07	-1.09	9.19	-1.82	9.53	-.65	8.99	-.63	8.70	.72
24	8.28	-1.72	9.16	-.56	9.18	-1.29	9.14	-1.42	8.52	-.58	8.45	1.32
25	8.48	-1.66	9.13	-.99	9.18	-.78	8.86	-1.03	8.75	.20	8.12	1.06
26	8.51	-.92	8.94	-.86	9.06	-.51	8.42	-.59	8.85	1.17	8.05	1.43
27	8.51	-.82	8.94	-.46	8.65	-.71	8.11	-.72	8.70	1.03	8.09	1.11
28	8.51	-.75	8.74	-.47	8.39	-.58	8.34	-.03	8.27	.48	8.36	1.12
29	8.24	-.42	8.53	-.80	8.47	-.40	8.46	.18	8.42	.19	8.64	1.18
30	8.59	-.20	8.47	-.40	8.58	-.46	8.31	-.47	8.44	.36	8.76	1.50
31	---	---	8.38	-.53	---	---	8.86	.74	8.56	.23	---	---
MONTH	8.97	-2.31	9.45	-1.32	9.20	-1.82	10.20	-1.55	9.60	-2.21	10.36	-.65

**SAVANNAH RIVER BASIN**  
**2001 Water Year**

**02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA**

**LOCATION.**--Lat 32°09'57", long 81°09'14", Chatham County, Hydrologic Unit 03060109, at right downstream fender of bridge on U.S. 17, 1.4 miles north of Port Wentworth.

**DRAINAGE AREA.**—Not determined.

**COOPERATION.**—U.S. Army Corps of Engineers, Savannah District.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** October 1987 to May 1998, June 1999 to current year.

**WATER TEMPERATURE:** November 1999 to current year.

**INSTRUMENTATION.**—Continuous water-quality monitor.

**REMARKS.**—Records good.

**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, 31.1 °C, July 22, 2000; minimum recorded, 5.0°, January 4, 2001.

**EXTREMES FOR CURRENT YEAR.**--

**SPECIFIC CONDUCTANCE:** Maximum, 32,600 microsiemens, April 18; minimum, 89 microsiemens, June 29, 30.

**WATER TEMPERATURE:** Maximum, 30.6 °C, August 11; minimum, 5.0°, January 4.

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12400	117	3100	18600	216	7420	20300	158	7180	---	---	---
2	12800	125	3990	22000	259	8960	25000	216	9780	---	---	---
3	15100	132	4880	25100	347	10700	27300	1160	12700	---	---	---
4	20200	185	6350	27000	670	12200	29800	1230	14100	---	---	---
5	24100	227	8710	28800	1620	14900	31100	719	14300	---	---	---
6	28100	263	11100	29200	777	16100	29400	561	14500	---	---	---
7	31200	843	13800	25200	605	13100	26600	561	13500	---	---	---
8	32500	1430	16500	23000	469	11900	23700	300	12100	---	---	---
9	30600	1520	16100	20400	422	10800	20600	270	9580	---	---	---
10	27100	486	14800	17700	384	8660	18600	300	8260	---	---	---
11	23000	410	12000	19400	337	9860	16000	258	6610	---	---	---
12	20600	449	10200	19000	648	9280	13600	212	5080	---	---	---
13	18100	393	8800	18000	412	8050	13300	189	5010	---	---	---
14	17400	417	7910	14300	335	5830	11200	213	4080	---	---	---
15	15400	304	6630	15500	264	5720	9760	168	3570	---	---	---
16	14000	241	5740	15200	224	5660	12600	190	4490	---	---	---
17	15100	200	5880	15100	219	5280	10000	162	2580	---	---	---
18	16900	218	6360	15800	207	6260	21900	185	8150	---	---	---
19	18300	241	7240	17100	250	7580	21900	176	9970	---	---	---
20	16500	300	7580	17400	252	7930	19300	176	8700	16800	150	5620
21	16000	218	7370	14700	171	5940	18100	214	8700	17100	141	7280
22	16200	267	7370	14800	178	6570	17700	193	7520	19300	157	8860
23	16700	277	8180	15000	201	6500	---	---	---	18700	182	8350
24	16200	384	7540	13900	198	5990	---	---	---	18900	173	7230
25	14000	292	6410	13900	231	5050	---	---	---	13900	129	5100
26	14300	292	6160	10500	160	3690	---	---	---	15000	132	5630
27	13900	293	5790	8600	146	3150	---	---	---	13600	116	4610
28	13600	258	5370	11900	160	3970	---	---	---	14800	119	5090
29	14800	232	5630	14500	155	5330	---	---	---	15800	131	5340
30	13300	218	5000	16300	146	5990	---	---	---	14300	125	4690
31	13300	196	5300	---	---	---	---	---	---	15300	137	5710
MONTH	32500	117	7990	29200	146	7950	---	---	---	---	---	---

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

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	22400	162	7600	15400	137	4990	12700	120	3320	15300	192	6720
2	22200	186	8510	16500	142	5660	20800	114	6280	14700	244	6790
3	25400	224	10800	18100	149	6510	20700	107	5810	13500	209	5820
4	26200	212	12000	22500	149	8580	14800	101	4480	12300	205	5720
5	22700	193	10200	19700	145	7730	10200	99	3080	12600	199	5440
6	17700	150	7500	23100	150	10000	4930	107	1250	12500	198	4970
7	14500	166	5950	22100	146	10400	1800	112	586	14100	298	5830
8	11600	99	4310	16900	211	6410	1510	117	494	14200	240	5670
9	9080	98	3220	9750	128	2660	1990	114	466	13400	195	5140
10	6540	94	2380	6020	109	1480	2770	115	575	14600	185	5350
11	7370	111	2650	2810	112	759	4040	121	864	14300	198	5740
12	7420	158	3040	1520	117	488	4900	128	1240	18400	171	6270
13	9070	159	3450	1120	119	398	11200	134	2160	21200	208	8900
14	11300	163	4040	4340	122	721	14500	138	4680	23400	471	11100
15	15300	167	5820	6540	126	1880	21100	183	7400	27000	708	12300
16	19400	194	7960	11100	130	2850	28100	181	10200	27300	1190	14500
17	24800	188	10400	17700	126	4880	29100	576	11500	28300	909	16000
18	26700	293	12800	26100	135	7150	32600	1190	15400	27700	726	15200
19	25400	442	12000	26900	159	8640	30600	646	14700	23500	416	12200
20	22900	253	10300	25300	132	6680	25800	230	12500	20400	345	10700
21	19500	199	8860	8410	97	1760	21900	202	9450	19000	328	9270
22	18000	188	8340	11400	96	2780	16900	165	7030	17800	265	8100
23	16600	216	7150	13900	108	3790	13000	166	5460	17500	304	7960
24	15000	226	6560	9990	109	2550	11000	150	4470	16400	284	7280
25	14000	159	5330	6000	103	1420	11500	158	4140	15000	304	5990
26	11500	145	4020	5010	100	1160	12600	166	4650	14200	244	5550
27	11900	140	3940	5040	100	1230	13300	161	4840	15600	272	6270
28	11500	124	3820	8470	106	1900	13300	158	4900	15300	234	5880
29	---	---	---	8470	126	1830	13800	200	5400	14100	207	5880
30	---	---	---	6670	114	1330	14800	162	5760	14400	278	6900
31	---	---	---	9900	112	2300	---	---	---	15500	269	7350
MONTH	26700	94	6890	26900	96	3900	32600	99	5440	28300	171	7960



STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13800	250	6790	8240	145	2980	17000	237	7870	16500	256	7890
2	13200	167	5220	8120	186	2840	15100	193	6550	16200	237	7390
3	12300	154	4780	9430	142	3040	13800	184	5840	16200	215	7570
4	10200	152	4140	8330	172	2750	15000	181	5960	15500	255	6580
5	10100	156	3840	8470	135	2630	14600	179	6120	13400	195	5710
6	10600	153	3830	11100	159	3220	13900	187	5890	13800	207	5610
7	11200	157	3810	14200	198	4770	16100	197	6580	14800	253	6610
8	15100	157	4920	13200	135	4780	16800	208	7140	15000	226	6330
9	16400	182	6390	14800	131	4660	16900	219	7760	15500	187	5740
10	17900	205	6980	18100	148	6320	18400	175	7900	16300	174	5260
11	19600	191	7660	20200	150	8320	18800	162	7570	21200	155	7390
12	20400	204	7470	21700	221	9330	20500	167	8060	23000	244	10400
13	21300	190	8580	26500	239	11600	21100	162	8800	21900	257	11500
14	28800	432	12500	26500	467	12600	21500	151	9710	19800	380	10700
15	30300	457	13600	23500	218	10700	19900	234	10600	19200	512	9710
16	26300	167	11300	21700	174	9960	18700	310	9800	19400	664	9540
17	22400	133	9270	20200	198	9860	16800	279	7890	15600	449	7610
18	17900	108	6930	17600	230	8400	15900	248	6540	13600	432	6250
19	13600	112	4880	15700	197	7070	11500	193	4620	12300	348	5330
20	10800	117	3320	17300	275	6820	9970	200	3490	11200	281	4760
21	9500	130	2840	17500	424	7680	8930	196	3210	10400	231	4400
22	8250	134	2240	16200	469	7540	8930	196	3140	13600	220	5050
23	7900	129	1950	16200	312	5820	---	---	---	14000	216	5670
24	7360	134	1910	11700	190	3840	---	---	---	16300	222	6600
25	8050	132	2070	9810	185	3650	---	---	---	21000	225	8200
26	7900	183	2070	11000	169	3960	---	---	---	22300	358	9870
27	6820	92	2070	11000	160	3870	---	---	---	25400	521	11900
28	6820	153	2340	12700	153	4970	---	---	---	24600	576	13100
29	8180	89	2990	15700	152	6250	---	---	---	24100	669	13700
30	8400	89	3190	15000	144	5990	21900	222	9920	22100	503	11800
31	---	---	---	17600	222	8050	19500	256	9390	---	---	---
MONTH	30300	89	5330	26500	131	6270	---	---	---	25400	155	7940

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	21.8	22.6	21.0	19.4	20.3	14.1	12.5	13.2	6.2	5.5	5.9
2	23.4	21.6	22.5	21.1	19.1	20.1	14.0	12.3	13.1	6.0	5.5	5.8
3	23.4	21.7	22.6	20.9	19.1	20.0	13.9	11.6	12.8	5.9	5.2	5.6
4	23.5	22.0	22.7	20.8	19.2	20.1	13.7	11.0	12.4	5.8	5.0	5.4
5	23.7	22.3	22.9	20.7	19.5	20.2	13.5	10.4	12.0	6.1	5.1	5.6
6	23.9	22.7	23.3	20.6	19.6	20.1	13.2	10.0	11.6	6.5	5.5	6.0
7	23.7	23.4	23.5	20.7	19.6	20.2	12.6	9.8	11.2	6.7	6.0	6.3
8	23.8	22.3	23.3	20.9	19.9	20.4	12.1	9.8	11.0	7.3	6.2	6.7
9	23.4	21.1	22.4	21.1	20.1	20.7	11.7	10.0	10.9	7.3	6.3	6.7
10	22.9	20.3	21.6	21.0	20.4	20.7	11.6	10.2	10.9	6.4	5.6	6.1
11	22.1	19.6	20.8	20.7	19.8	20.2	11.4	10.2	10.8	6.7	5.8	6.2
12	21.5	19.2	20.4	20.2	18.8	19.6	11.6	10.5	11.2	7.8	6.6	7.1
13	21.0	18.9	20.0	19.8	17.9	18.9	11.6	11.0	11.3	8.8	7.4	7.9
14	20.7	18.7	19.8	19.3	17.4	18.3	11.8	10.9	11.4	9.9	8.3	9.1
15	20.5	18.5	19.6	18.8	16.7	17.7	12.1	11.5	11.7	10.6	9.4	10.0
16	20.5	18.5	19.6	18.3	16.0	17.1	12.5	11.4	12.0	11.2	10.4	10.7
17	20.6	18.5	19.7	17.9	15.9	16.8	12.8	11.9	12.3	10.9	10.7	10.8
18	20.7	18.9	19.9	17.5	15.3	16.4	12.6	11.1	11.9	---	---	---
19	20.9	19.4	20.2	17.1	14.1	15.8	12.3	9.8	11.3	---	---	---
20	20.9	19.9	20.4	16.5	13.5	15.0	11.8	8.6	10.4	12.3	10.3	11.6
21	21.0	20.0	20.5	15.6	12.9	14.2	11.3	7.9	9.7	11.9	10.5	11.1
22	21.1	20.2	20.7	14.8	12.2	13.5	10.6	7.9	9.1	11.2	10.3	10.8
23	21.4	20.6	20.9	14.2	11.9	12.9	8.0	7.2	7.7	10.7	10.3	10.4
24	21.0	20.3	20.7	13.6	11.7	12.6	7.5	6.9	7.2	10.3	9.9	10.1
25	20.9	20.2	20.5	13.4	11.9	12.8	7.2	6.8	7.0	10.1	9.4	9.7
26	20.9	20.0	20.4	13.6	12.6	13.1	6.8	6.2	6.5	9.8	8.8	9.4
27	20.8	19.9	20.4	13.6	12.9	13.2	6.9	6.1	6.5	9.5	8.3	9.0
28	21.0	19.9	20.4	13.9	13.0	13.4	7.3	6.8	7.1	9.6	8.5	9.0
29	21.0	20.1	20.6	13.9	12.9	13.4	7.0	6.5	6.7	9.7	8.6	9.1
30	21.0	19.9	20.5	13.9	12.7	13.3	6.7	6.0	6.3	10.1	9.3	9.6
31	21.1	19.6	20.4	---	---	---	6.2	5.4	5.8	10.5	9.7	10.1
MONTH	23.9	18.5	21.1	21.1	11.7	17.0	14.1	5.4	10.1	---	---	---

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.9	9.8	10.4	15.9	14.9	15.3	---	---	---	---	---	---
2	10.8	10.0	10.5	16.5	15.2	15.6	---	---	---	---	---	---
3	10.8	10.0	10.4	16.5	15.6	16.0	---	---	---	---	---	---
4	10.8	10.1	10.4	16.7	15.7	16.1	---	---	---	---	---	---
5	10.5	10.2	10.4	16.4	15.6	15.9	---	---	---	---	---	---
6	10.7	10.2	10.5	---	---	---	---	---	---	---	---	---
7	10.9	10.4	10.6	---	---	---	---	---	---	---	---	---
8	11.4	10.5	10.9	---	---	---	---	---	---	---	---	---
9	12.0	10.9	11.4	---	---	---	---	---	---	---	---	---
10	12.3	11.6	12.0	---	---	---	---	---	---	---	---	---
11	12.5	11.7	12.1	---	---	---	---	---	---	23.8	23.1	23.5
12	12.4	11.8	12.1	---	---	---	---	---	---	24.4	23.2	23.6
13	12.2	11.6	11.8	---	---	---	---	---	---	24.6	23.5	23.9
14	12.3	11.6	11.9	---	---	---	---	---	---	24.6	23.7	24.0
15	12.9	12.0	12.3	---	---	---	---	---	---	25.0	23.7	24.3
16	13.7	12.1	12.8	---	---	---	---	---	---	25.0	24.0	24.5
17	14.3	12.1	13.3	---	---	---	---	---	---	25.6	24.1	24.7
18	14.3	12.4	13.3	---	---	---	---	---	---	26.0	24.4	25.2
19	13.9	12.5	13.3	---	---	---	---	---	---	26.3	25.0	25.6
20	13.7	12.9	13.4	---	---	---	---	---	---	26.3	25.3	25.8
21	14.1	13.2	13.6	---	---	---	---	---	---	26.6	25.5	25.9
22	14.1	13.6	13.9	---	---	---	---	---	---	26.6	25.8	26.1
23	14.4	13.8	14.0	---	---	---	---	---	---	26.8	26.0	26.3
24	14.7	13.9	14.2	---	---	---	---	---	---	26.8	25.9	26.2
25	15.2	14.3	14.7	---	---	---	---	---	---	26.3	25.3	25.8
26	15.5	14.4	15.0	---	---	---	---	---	---	26.2	24.9	25.5
27	15.6	14.4	15.0	---	---	---	---	---	---	26.0	24.4	25.2
28	15.6	14.8	15.2	---	---	---	---	---	---	26.1	24.6	25.4
29	---	---	---	---	---	---	---	---	---	25.9	25.0	25.4
30	---	---	---	---	---	---	---	---	---	26.1	24.9	25.5
31	---	---	---	---	---	---	---	---	---	26.3	25.2	25.8
MONTH	15.6	9.8	12.5	---	---	---	---	---	---	---	---	---

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.4	26.0	26.2	27.8	26.6	27.2	29.1	27.9	28.5	29.2	28.1	28.7
2	26.6	26.1	26.3	27.9	26.8	27.3	29.0	27.6	28.3	29.2	28.0	28.6
3	26.8	25.9	26.3	28.1	26.8	27.5	29.2	27.7	28.4	29.1	27.6	28.4
4	27.0	25.9	26.5	28.2	27.1	27.7	29.3	27.9	28.6	28.8	27.0	28.0
5	27.5	26.6	27.0	28.4	27.2	27.8	29.3	28.3	28.8	28.6	26.8	27.7
6	28.5	27.2	27.6	28.8	27.7	28.2	29.5	28.5	28.9	28.5	26.5	27.6
7	28.5	27.7	28.0	29.2	28.2	28.7	29.8	28.6	29.2	28.5	26.3	27.5
8	28.4	27.8	28.0	29.3	28.2	28.7	30.0	29.0	29.5	28.4	26.2	27.4
9	28.1	27.2	27.7	29.1	28.1	28.7	30.5	29.2	29.8	28.3	26.7	27.4
10	28.0	26.7	27.3	29.7	28.0	28.9	30.5	29.4	29.9	27.9	26.4	27.1
11	27.8	26.3	27.0	30.0	28.4	29.2	30.6	29.5	30.0	27.9	26.2	27.1
12	27.6	25.9	26.7	30.2	28.9	29.5	30.5	29.1	29.8	27.7	26.0	27.0
13	27.8	25.8	26.7	30.0	29.3	29.6	30.5	29.2	29.8	27.5	25.7	26.7
14	27.8	26.3	26.9	30.1	28.7	29.3	30.5	28.9	29.7	27.1	25.3	26.3
15	27.7	26.5	26.9	29.8	28.2	29.0	30.1	28.6	29.5	26.4	24.3	25.4
16	27.6	26.3	26.9	29.5	27.7	28.7	30.0	28.4	29.4	25.3	23.5	24.5
17	27.4	25.0	26.5	29.5	27.5	28.5	30.1	28.5	29.4	25.0	23.2	24.2
18	27.0	24.8	25.8	29.4	27.6	28.5	30.2	28.9	29.6	24.8	23.3	24.2
19	26.5	25.5	26.0	29.4	28.0	28.7	29.8	28.6	29.2	24.9	23.3	24.2
20	26.7	25.7	26.2	29.3	28.6	28.9	30.0	28.7	29.3	25.0	23.7	24.4
21	27.4	26.4	26.8	29.2	28.2	28.8	30.0	28.6	29.4	25.4	24.1	24.8
22	27.5	26.6	27.0	29.0	27.7	28.5	30.1	28.4	29.4	25.8	24.7	25.2
23	27.4	26.7	27.0	29.0	27.7	28.4	30.2	28.4	29.4	26.1	25.2	25.5
24	27.7	26.8	27.2	28.9	27.5	28.1	30.1	28.3	29.3	25.9	25.4	25.7
25	27.7	27.0	27.3	28.7	27.4	28.1	30.2	28.4	29.3	26.0	25.3	25.7
26	27.8	26.7	27.3	28.8	27.6	28.2	30.1	28.0	29.3	25.9	24.7	25.4
27	27.9	26.7	27.3	28.9	27.6	28.2	30.0	28.3	29.2	25.7	24.2	25.1
28	27.9	26.4	27.2	28.9	27.7	28.4	29.8	28.4	29.2	25.5	23.9	24.8
29	27.9	26.1	27.0	29.1	27.7	28.4	29.9	28.6	29.2	25.3	23.0	24.3
30	27.6	26.5	27.1	29.1	27.9	28.5	29.6	28.6	29.1	24.5	22.2	23.3
31	---	---	---	29.3	28.0	28.6	29.6	28.5	29.1	---	---	---
MONTH	28.5	24.8	26.9	30.2	26.6	28.5	30.6	27.6	29.3	29.2	22.2	26.1

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02198977 SAVANNAH RIVER AT BROAD STREET AT SAVANNAH, GA**

**LOCATION.**--Lat 32°05'02", long 81°05'45", Chatham County, Hydrologic Unit 3060109, at downstream side of docking facility 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.**—Indeterminant.

**COOPERATION.**—U.S. Army Corps of Engineers, Savannah District.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--October 1987 to current year.

**GAGE.**--Water-stage recorder. Datum is 3.46 feet below sea level, at mean low water (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records good.

**EXTREMES FOR PERIOD OF RECORD.**--Maximum gage-height recorded, 11.04 feet, February 7, 1993; minimum gage-height recorded, -2.78 feet, January 9, 2001.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height, 10.49 feet, July 21; minimum gage-height recorded, -2.78 feet, January 9.

STATION NUMBER 02198977 SAVANNAH RIVER AT BROAD STREET, AT SAVANNAH, GA STREAM SOURCE AGENCY USGS

LATITUDE 320502 LONGITUDE 0810545 DRAINAGE AREA DATUM STATE 13 COUNTY 051

DCP

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH					
1	9.43	1.41	8.35	1.37	7.85	1.29	6.80	-.45	6.53	-.66	7.95	.43				
2	8.93	1.17	8.19	1.79	7.97	1.73	6.55	-.06	6.97	-.09	7.95	-.11				
3	8.46	1.49	8.03	1.83	7.91	1.93	6.68	.31	7.27	-.37	7.47	-.01				
4	8.17	1.70	7.90	2.06	7.96	1.99	7.07	-.21	8.24	-.04	8.12	-.31				
5	7.91	1.82	8.09	2.15	7.83	.88	7.79	-1.06	8.41	-1.72	6.41	-1.65				
6	7.73	1.51	8.26	1.59	7.87	.17	7.40	-1.37	8.52	-2.20	7.41	-2.22				
7	7.91	2.07	7.98	.68	7.97	-.50	8.30	-1.31	8.90	-2.19	8.86	-2.17				
8	8.13	1.54	8.21	.45	8.39	-1.11	8.85	-1.91	9.05	-2.41	9.54	-1.19				
9	8.19	.97	8.79	.33	8.56	-1.52	8.52	-2.78	8.93	-2.54	9.44	-1.18				
10	8.41	.89	8.42	-.04	9.27	-.41	9.19	-2.42	8.62	-2.46	9.67	-1.21				
11	8.38	.19	9.39	-.54	9.51	-1.19	9.07	-2.13	8.84	-2.34	9.35	-.97				
12	8.64	-.07	9.74	-.01	9.27	-1.35	9.13	-2.05	8.77	-1.05	8.83	-1.17				
13	8.74	-.01	9.70	-.18	9.65	-1.10	9.48	-1.10	8.07	-1.01	8.61	-1.29				
14	8.98	-.05	9.21	-.53	9.22	-1.17	9.01	-.63	7.52	-.41	7.70	-1.21				
15	8.90	-.39	9.39	-.37	8.66	-1.48	8.17	-.61	7.45	.09	7.73	.21				
16	8.99	-.29	9.07	.06	8.95	-.05	7.75	-.39	7.41	.16	7.60	.57				
17	9.07	.17	8.71	-.17	8.01	-.93	7.81	.06	7.49	-.61	7.40	.55				
18	9.11	.45	8.73	.42	7.97	-.53	8.13	.35	8.01	.87	7.24	1.28				
19	9.05	.80	8.81	1.06	7.83	-1.91	8.31	-.09	8.23	.35	8.16	3.05				
20	8.93	1.06	8.65	-.29	6.95	-.82	7.87	-2.10	7.81	.01	9.86	1.38				
21	8.73	.25	7.52	-1.31	7.75	-.97	7.14	-2.35	7.72	-.44	8.01	.15				
22	8.79	-.03	7.99	-.82	7.92	-1.05	7.92	-1.12	8.01	-.49	7.81	-.17				
23	9.20	.71	8.23	-1.04	8.18	-1.79	7.98	.13	8.04	-.17	8.20	-.35				
24	9.14	.59	8.69	-.72	8.25	-.73	8.43	-.19	8.15	-.07	8.07	-.63				
25	9.21	.10	9.35	.29	8.21	-.79	7.65	-.39	7.96	-.55	8.40	-.69				
26	9.41	.29	8.47	-.59	8.25	-.01	8.15	-.21	7.81	-.75	8.30	-.71				
27	9.23	.17	8.21	-.35	8.07	-.41	7.43	-.77	7.92	-.22	8.41	-.82				
28	9.21	.05	8.01	-.44	8.23	.01	7.64	-.35	8.00	-.09	8.89	.25				
29	9.43	.25	7.93	.30	8.25	.17	7.48	-.47	---	---	8.70	.01				
30	8.89	.60	7.67	.15	6.69	-.83	7.23	-.43	---	---	8.07	-.51				
31	8.37	.99	---	---	6.91	-.86	6.59	-.96	---	---	7.85	-.43				
MONTH	9.43	-.39	9.74	-1.31	9.65	-1.91	9.48	-2.78	9.05	-2.54	9.86	-2.22				

STATION NUMBER 02198977 SAVANNAH RIVER AT BROAD STREET, AT SAVANNAH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320502 LONGITUDE 0810545 DRAINAGE AREA DATUM STATE 13 COUNTY 051  
 DCP

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.83	-1.06	8.21	.03	8.49	-.33	8.51	-.37	8.92	1.20	8.24	-.43
2	7.51	-.23	8.31	-.12	8.46	-.97	8.53	-.58	8.62	.58	8.49	.10
3	8.11	-.71	8.23	-.72	8.59	-1.11	8.85	-.55	8.41	.52	8.60	.64
4	8.21	-.78	8.49	-.73	8.52	-1.39	8.29	-.20	8.47	.16	8.36	.49
5	9.01	-.37	8.81	-.96	8.44	-1.21	8.19	-.68	8.24	.15	8.11	.13
6	8.84	-1.44	9.17	-1.53	8.35	-1.09	8.28	-.82	8.17	.11	8.40	-.14
7	8.65	-2.03	9.60	.31	8.21	-.71	8.43	-.19	8.01	.10	8.53	1.15
8	8.83	-2.13	9.32	-.06	8.16	-.35	8.09	.36	7.75	.04	8.37	1.08
9	8.94	-1.79	8.91	-.26	8.27	-.33	8.03	.13	7.60	.16	8.32	1.45
10	8.72	-1.33	8.45	-.14	8.08	.37	7.85	.55	7.61	.01	8.24	1.03
11	8.61	-.71	8.21	-.03	8.08	.45	7.62	.35	7.47	.12	8.35	.69
12	8.51	-.25	7.93	.17	7.75	.75	7.53	.55	7.59	.06	8.91	1.37
13	7.97	-.10	7.66	.34	7.26	.30	7.87	.64	7.77	-.12	9.49	1.23
14	7.31	.23	7.97	1.35	7.16	.33	8.17	1.41	8.07	-.43	9.91	.61
15	7.66	1.19	7.73	1.13	7.31	-.01	8.07	.72	8.87	-.01	9.91	1.02
16	7.19	.73	7.86	1.11	7.63	-.14	8.36	.25	9.11	-.44	10.37	.20
17	7.42	.85	8.12	1.44	8.34	.16	8.67	.05	9.41	-1.17	10.03	-.47
18	7.29	.59	8.18	1.01	8.70	.17	8.97	-.60	9.83	-1.87	9.67	-.45
19	7.35	-.13	8.39	.15	8.98	-.42	9.20	-1.34	9.27	-2.02	9.32	-.40
20	7.71	-.59	8.64	-.24	9.11	-1.03	10.02	-1.21	9.25	-1.95	9.01	-.42
21	7.65	-.86	8.80	-.43	9.32	-1.35	10.49	-.02	8.99	-1.70	8.93	-.10
22	7.91	-1.23	8.91	-.79	9.29	-1.44	10.26	.12	8.82	-1.15	8.87	.32
23	8.11	-1.26	9.13	-.89	9.31	-1.54	9.22	-.59	8.71	-.61	8.63	.86
24	8.28	-1.49	9.23	-.41	9.29	-1.03	9.01	-1.18	8.31	-.59	8.37	1.45
25	8.49	-1.47	9.19	-.79	9.11	-.59	8.92	-.83	8.55	.18	8.05	1.21
26	8.51	-.70	8.95	-.68	9.13	-.30	8.41	-.34	8.67	1.17	7.94	1.50
27	8.52	-.62	8.86	-.40	8.69	-.46	8.06	-.51	8.49	.97	8.03	1.22
28	8.39	-.58	8.78	-.26	8.41	-.33	8.33	.21	8.01	.43	8.32	1.33
29	8.21	-.19	8.52	-.65	8.47	-.12	8.46	.39	8.20	.21	8.60	1.31
30	8.59	.12	8.48	-.19	8.59	-.24	8.29	-.26	8.23	.35	8.69	1.65
31	---	---	8.51	-.30	---	---	8.90	.92	8.37	.10	---	---
MONTH	9.01	-2.13	9.60	-1.53	9.32	-1.54	10.49	-1.34	9.83	-2.02	10.37	-.47
YEAR	10.49	-2.78										

**SAVANNAH RIVER BASIN**  
**2001 Water Year**

**021989784 LITTLE BACK RIVER ABOVE LUCKNOW CANAL, NEAR LIMEHOUSE, SC**

**LOCATION.**--Lat 32°11'08", long 81°07'05", 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), 5,880 microsiemens, July 22; minimum recorded (greater than 20 percent missing), 128 microsiemens, April 1.

**WATER TEMPERATURE:** Maximum recorded (greater than 20 percent missing), 30.6 °C, August 11; minimum recorded (greater than 20 percent missing), 4.6 °C, January 4, 5.



STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321108 LONGITUDE 0810705 DATUM STATE 45 COUNTY 053

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	369	168	197	742	443	638	506	188	292	215	147	181
2	484	169	238	675	364	574	441	166	259	167	134	153
3	648	214	298	668	307	502	406	175	238	177	138	162
4	584	210	316	718	269	465	431	168	236	446	156	232
5	500	190	299	1150	279	502	906	214	405	1280	267	603
6	480	194	299	1340	347	896	1290	360	720	1040	245	634
7	629	186	306	1590	964	1260	1480	456	919	1380	695	1070
8	874	253	423	1660	1010	1300	1470	774	1210	1510	886	1250
9	1020	403	738	2040	1290	1640	1930	1110	1430	1340	787	1010
10	1440	672	1080	1930	1370	1700	1900	1140	1410	1240	719	917
11	1620	1200	1430	2780	1330	1740	2000	1050	1300	1150	786	926
12	1790	1260	1540	3520	1460	1920	1510	915	1120	1050	748	872
13	1930	1350	1540	3290	1510	1910	1780	778	1030	1050	635	783
14	1880	1220	1420	2140	1320	1600	1210	754	921	918	634	732
15	1550	1100	1230	1640	961	1230	980	565	723	718	478	623
16	1360	979	1100	1310	884	1040	874	582	699	575	338	510
17	1170	844	985	1040	661	873	742	252	555	614	315	469
18	1090	759	882	939	568	749	623	194	313	812	338	513
19	1060	715	827	940	644	779	1190	272	696	831	406	645
20	1020	719	844	995	710	831	1240	396	823	825	223	619
21	1170	730	872	1020	460	794	1380	472	894	861	181	411
22	1190	756	908	1150	504	838	1250	483	961	1120	308	702
23	1480	840	1040	1150	668	971	1030	408	786	883	282	624
24	1630	930	1170	1230	788	1000	991	515	828	918	342	651
25	1650	928	1170	1340	798	966	916	506	754	760	234	536
26	1660	947	1180	902	533	724	886	565	754	513	216	393
27	1560	969	1130	727	413	589	946	548	759	599	220	447
28	1390	885	1030	624	306	488	976	563	756	589	185	414
29	1350	815	959	575	246	435	936	522	734	665	236	427
30	1010	719	849	539	198	369	547	196	377	612	160	372
31	814	558	725	---	---	---	226	149	182	701	148	286
MONTH	1930	168	872	3520	198	977	2000	149	745	1510	134	586

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321108 LONGITUDE 0810705 DATUM STATE 45 COUNTY 053

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	743	166	354	---	---	---	1120	128	252	1710	347	632
2	786	183	401	---	---	---	1060	144	234	2010	516	767
3	876	167	433	---	---	---	1310	148	295	2320	638	912
4	1360	345	812	---	---	---	1490	143	305	1920	657	910
5	1290	635	1030	---	---	---	1260	185	333	1930	706	917
6	1490	824	1120	---	---	---	1260	221	348	1530	702	899
7	1420	909	1180	---	---	---	1110	212	328	1610	719	906
8	1270	873	1060	---	---	---	1390	201	319	1610	786	942
9	1140	735	903	---	---	---	1150	183	295	1330	740	896
10	1010	602	746	---	---	---	1370	176	289	1080	615	794
11	848	509	629	---	---	---	1420	179	280	1000	529	723
12	769	517	604	---	---	---	1070	184	260	986	407	655
13	611	406	544	---	---	---	776	160	251	913	331	525
14	671	310	497	---	---	---	772	162	270	994	367	600
15	651	266	442	---	---	---	398	159	248	733	346	546
16	767	281	414	---	---	---	413	141	212	966	314	474
17	723	261	420	---	---	---	431	138	214	1450	410	889
18	1440	296	699	---	---	---	685	138	237	1650	1060	1290
19	1190	389	800	---	---	---	1200	194	559	1710	853	1280
20	1170	428	803	---	---	---	1960	416	826	2050	887	1270
21	1210	431	763	---	---	---	2330	532	1080	2300	1170	1510
22	1260	489	917	---	---	---	2350	539	1030	1960	1030	1470
23	---	---	---	---	---	---	2380	542	994	1870	1070	1390
24	---	---	---	1520	169	336	2190	516	925	2070	1130	1410
25	---	---	---	1210	145	288	1970	432	766	2000	969	1370
26	---	---	---	1160	129	265	1470	449	705	2070	965	1290
27	---	---	---	1450	140	277	1500	493	732	2000	892	1210
28	---	---	---	1360	154	274	1400	430	697	1790	748	1160
29	---	---	---	1440	184	308	1550	408	687	2000	685	1050
30	---	---	---	1350	151	281	1170	443	679	2500	724	1040
31	---	---	---	1110	140	253	---	---	---	2100	886	1100
MONTH	---	---	---	---	---	---	2380	128	488	2500	314	994

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321108 LONGITUDE 0810705 DATUM STATE 45 COUNTY 053

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	JUNE			JULY			AUGUST			SEPTEMBER		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	1740	383	611	2200	692	926	---	---	---			
2	---	---	---	1570	327	551	2150	646	897	---	---	---			
3	---	---	---	1580	334	548	1920	577	862	---	---	---			
4	---	---	---	1540	318	493	1660	570	882	---	---	---			
5	---	---	---	1580	236	455	1660	573	862	---	---	---			
6	---	---	---	1430	228	453	1450	517	822	---	---	---			
7	---	---	---	1510	275	528	1530	502	808	---	---	---			
8	---	---	---	1360	251	538	1100	487	782	---	---	---			
9	---	---	---	1350	183	451	1020	437	723	---	---	---			
10	---	---	---	1560	196	512	981	330	595	---	---	---			
11	---	---	---	955	233	456	914	252	493	---	---	---			
12	---	---	---	1050	259	500	913	214	433	---	---	---			
13	---	---	---	1420	303	580	1020	225	480	---	---	---			
14	---	---	---	1150	361	676	1030	249	555	---	---	---			
15	---	---	---	1520	295	699	1580	406	931	---	---	---			
16	---	---	---	1440	313	686	1980	864	1300	---	---	---			
17	---	---	---	1470	550	872	2530	1140	1480	---	---	---			
18	---	---	---	1530	678	1030	2410	1080	1390	---	---	---			
19	---	---	---	1790	725	1080	1610	810	1050	---	---	---			
20	---	---	---	3630	799	1260	1300	690	882	---	---	---			
21	---	---	---	5820	963	1500	1750	653	870	---	---	---			
22	---	---	---	5880	1250	1910	1610	616	855	---	---	---			
23	---	---	---	4540	1250	1860	1560	646	829	---	---	---			
24	---	---	---	3370	927	1460	1480	632	790	---	---	---			
25	---	---	---	2700	808	1200	1340	518	710	---	---	---			
26	---	---	---	1800	731	993	1170	511	665	---	---	---			
27	---	---	---	1710	597	843	1560	473	669	---	---	---			
28	---	---	---	1150	469	722	1560	383	695	---	---	---			
29	1970	355	550	1150	527	748	1550	348	688	---	---	---			
30	1870	397	618	1100	376	699	2070	448	828	---	---	---			
31	---	---	---	2050	485	792	---	---	---	---	---	---			
MONTH	---	---	---	5880	183	829	---	---	---	---	---	---			

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321108 LONGITUDE 0810705 DATUM STATE 45 COUNTY 053

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.0	20.8	21.5	19.4	18.4	18.9	12.8	11.9	12.4	6.3	5.3	5.7
2	21.9	20.5	21.4	19.3	18.2	18.9	12.5	12.1	12.3	6.1	5.2	5.6
3	22.4	20.6	21.5	19.6	18.6	19.1	12.2	10.8	11.6	5.8	4.8	5.4
4	22.6	21.3	21.8	19.8	18.9	19.4	10.9	9.9	10.4	5.7	4.6	5.3
5	23.3	22.2	22.6	19.8	19.4	19.6	10.2	9.3	9.9	6.0	4.6	5.4
6	24.0	22.6	23.4	19.4	18.7	19.1	10.0	9.2	9.7	6.4	5.3	5.9
7	23.8	23.2	23.5	20.3	19.1	19.7	9.9	9.2	9.6	6.3	5.6	6.1
8	23.3	20.6	22.5	20.9	20.0	20.4	10.3	9.3	9.8	7.5	6.1	6.7
9	20.7	19.2	19.9	21.2	20.6	20.9	10.6	10.1	10.4	7.1	5.8	6.4
10	19.2	18.0	18.6	21.0	19.7	20.5	10.4	10.3	10.4	6.2	5.3	5.8
11	18.8	17.6	18.2	19.7	18.1	19.0	10.8	10.1	10.4	6.8	5.4	6.1
12	18.8	17.8	18.3	18.5	16.8	17.5	12.3	10.7	11.4	7.8	6.4	7.2
13	18.8	17.6	18.2	17.6	16.1	16.6	11.9	10.9	11.2	8.8	7.3	7.9
14	18.6	17.5	18.1	17.0	16.4	16.7	11.8	10.5	11.0	10.0	8.5	9.2
15	18.7	17.2	18.1	16.5	15.0	15.6	12.2	11.5	12.0	10.8	9.4	10.0
16	18.8	16.9	18.2	15.3	14.1	14.9	13.3	11.8	12.3	11.0	10.3	10.6
17	19.0	17.5	18.4	15.3	14.9	15.1	13.6	11.4	12.9	10.9	10.4	10.6
18	19.4	17.9	18.8	15.1	14.3	14.8	11.9	10.3	11.1	11.8	10.5	11.0
19	19.7	18.5	19.2	14.5	12.1	13.5	10.9	8.7	10.0	13.1	11.5	12.2
20	20.0	19.3	19.6	12.6	11.7	12.2	8.9	8.0	8.5	13.2	11.5	12.7
21	20.1	19.2	19.7	12.2	11.6	12.0	8.5	7.5	8.1	11.5	10.4	11.0
22	20.5	19.4	20.0	11.8	11.0	11.4	8.5	7.7	8.1	11.4	10.4	10.7
23	20.6	19.8	20.2	11.4	10.9	11.2	8.1	7.1	7.4	10.6	9.9	10.2
24	20.0	19.0	19.5	11.9	11.0	11.4	7.2	6.6	6.9	10.4	9.6	9.9
25	19.5	18.7	19.0	13.9	11.8	12.8	7.1	6.5	6.8	9.9	9.3	9.6
26	19.5	18.6	19.0	14.1	13.6	13.8	6.5	6.0	6.2	9.3	8.6	8.9
27	19.5	18.6	19.1	13.7	12.9	13.2	7.0	6.0	6.4	10.2	8.4	9.1
28	20.0	18.8	19.3	13.2	12.4	12.9	7.2	6.8	7.1	10.1	8.8	9.3
29	20.0	19.4	19.7	13.4	12.7	13.0	6.8	6.1	6.5	10.4	8.8	9.5
30	19.7	18.7	19.3	13.2	12.5	12.9	6.6	5.8	6.2	11.6	9.8	10.5
31	19.5	18.4	19.0	---	---	---	6.3	5.2	5.7	11.8	10.1	10.8
MONTH	24.0	16.9	19.9	21.2	10.9	15.9	13.6	5.2	9.4	13.2	4.6	8.6

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321108 LONGITUDE 0810705 DATUM STATE 45 COUNTY 053

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.6	10.8	11.1	---	---	---	15.9	14.6	15.3	21.4	19.8	20.7
2	11.4	10.8	11.0	---	---	---	16.3	14.2	15.2	21.8	20.4	21.1
3	11.2	10.3	10.8	---	---	---	16.2	14.7	15.1	22.5	20.7	21.4
4	11.1	10.2	10.6	---	---	---	16.5	14.5	15.0	22.9	21.1	21.8
5	11.3	10.2	10.7	---	---	---	16.3	14.7	15.2	23.6	21.5	22.2
6	11.5	10.4	10.9	---	---	---	17.3	15.1	16.0	24.2	21.6	22.5
7	11.9	10.5	11.1	---	---	---	18.5	16.5	17.4	23.3	22.2	22.6
8	12.7	10.8	11.6	---	---	---	19.5	17.7	18.6	23.8	21.5	22.3
9	13.6	11.7	12.5	---	---	---	20.7	18.6	19.6	22.9	21.1	22.0
10	13.5	13.0	13.3	---	---	---	21.3	19.3	20.3	22.8	20.9	22.0
11	13.3	11.9	12.8	---	---	---	23.2	20.1	21.1	23.6	21.5	22.5
12	12.8	11.3	12.0	---	---	---	22.6	20.9	21.7	23.9	22.1	23.1
13	11.8	10.8	11.3	---	---	---	23.2	21.5	22.4	24.4	22.6	23.6
14	12.8	11.4	12.1	---	---	---	23.8	22.3	23.0	24.1	22.8	23.7
15	14.2	12.4	13.3	---	---	---	23.2	21.9	22.7	24.9	23.1	24.0
16	14.9	13.3	14.2	---	---	---	23.2	21.9	22.5	25.3	23.7	24.6
17	15.6	14.5	15.0	---	---	---	22.6	20.1	21.5	25.9	24.4	25.2
18	15.1	13.4	14.2	---	---	---	20.3	19.2	19.9	26.2	25.1	25.6
19	14.0	13.2	13.7	---	---	---	20.0	18.8	19.6	26.3	24.9	25.6
20	14.2	13.4	13.9	---	---	---	20.2	18.8	19.5	26.0	25.3	25.6
21	15.4	14.1	14.6	---	---	---	21.5	19.3	19.9	26.5	24.8	25.5
22	15.4	14.7	15.0	---	---	---	22.0	19.6	20.3	26.6	25.2	25.9
23	---	---	---	---	---	---	22.2	19.9	20.7	26.2	24.8	25.6
24	---	---	---	15.9	13.5	14.4	21.9	20.3	21.1	25.7	23.7	24.8
25	---	---	---	15.4	14.3	14.6	21.5	19.9	20.6	25.4	23.5	24.2
26	---	---	---	15.4	13.5	14.2	20.2	18.4	19.4	24.6	23.3	24.1
27	---	---	---	15.5	12.7	13.9	20.4	18.1	19.4	24.4	22.6	23.8
28	---	---	---	15.0	12.7	13.6	21.0	18.6	19.9	25.5	23.5	24.5
29	---	---	---	15.4	13.1	13.8	21.1	19.6	20.4	25.0	23.8	24.4
30	---	---	---	15.6	14.4	15.0	21.1	20.0	20.6	25.3	23.8	24.6
31	---	---	---	16.0	14.7	15.3	---	---	---	26.3	24.6	25.4
MONTH	---	---	---	---	---	---	23.8	14.2	19.5	26.6	19.8	23.7

STATION NUMBER 021989784 L BACK RIVER ABOVE LUCKNOW CANAL, NR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321108 LONGITUDE 0810705 DATUM STATE 45 COUNTY 053

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	28.2	26.4	27.1	28.7	27.2	27.9	---	---	---
2	---	---	---	28.5	26.6	27.4	28.6	26.7	27.3	---	---	---
3	---	---	---	28.6	27.0	27.7	28.7	26.8	27.5	---	---	---
4	---	---	---	28.3	26.8	27.3	28.6	27.0	27.8	---	---	---
5	---	---	---	28.6	26.2	27.3	28.4	27.4	28.0	---	---	---
6	---	---	---	29.1	27.3	28.2	28.5	27.4	28.0	---	---	---
7	---	---	---	29.9	27.8	28.7	29.6	27.7	28.6	---	---	---
8	---	---	---	29.0	27.5	28.4	30.0	28.3	29.3	---	---	---
9	---	---	---	29.0	27.5	28.4	30.3	28.6	29.6	---	---	---
10	---	---	---	29.4	27.7	28.7	30.2	28.9	29.7	---	---	---
11	---	---	---	29.8	28.1	29.1	30.6	28.9	29.7	---	---	---
12	---	---	---	29.8	28.5	29.3	30.1	28.7	29.7	---	---	---
13	---	---	---	29.7	28.6	29.3	30.3	28.8	29.7	---	---	---
14	---	---	---	29.3	27.8	28.6	29.9	28.5	29.3	---	---	---
15	---	---	---	29.2	27.5	28.2	29.3	28.1	28.7	---	---	---
16	---	---	---	28.6	27.0	27.7	29.5	27.9	28.6	---	---	---
17	---	---	---	28.4	26.6	27.5	29.5	28.0	28.7	---	---	---
18	---	---	---	28.7	26.8	27.7	29.9	28.5	29.1	---	---	---
19	---	---	---	29.2	27.5	28.3	29.0	27.1	28.0	---	---	---
20	---	---	---	28.8	27.8	28.3	28.9	27.3	28.2	---	---	---
21	---	---	---	28.4	27.0	27.6	29.1	27.4	28.5	---	---	---
22	---	---	---	28.5	26.2	27.2	29.2	27.2	28.4	---	---	---
23	---	---	---	28.1	26.4	27.1	28.8	26.9	28.1	---	---	---
24	---	---	---	27.5	26.1	26.7	28.6	27.0	28.0	---	---	---
25	---	---	---	27.5	26.0	26.8	28.5	27.2	28.0	---	---	---
26	---	---	---	27.7	26.7	27.3	28.8	27.3	28.1	---	---	---
27	---	---	---	28.4	26.8	27.6	29.0	27.5	28.3	---	---	---
28	---	---	---	28.5	27.4	28.0	29.4	27.9	28.7	---	---	---
29	27.5	25.7	26.4	29.0	27.4	28.3	30.0	28.3	29.2	---	---	---
30	28.0	26.0	26.7	29.2	27.8	28.6	29.9	28.7	29.3	---	---	---
31	---	---	---	29.2	27.9	28.5	---	---	---	---	---	---
MONTH	---	---	---	29.9	26.0	28.0	---	---	---	---	---	---

**SAVANNAH RIVER BASIN**  
**2001 Water Year**

**02198979 LITTLE BACK RIVER AT LUCKNOW CANAL, NEAR LIMEHOUSE, SC**

**LOCATION.**--Lat 32°11'05", Long 81°07'02", 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 Highway 17, 1.3 miles north of Refuge Headquarters, and 3.4 miles southwest of the Limehouse, SC.

**DRAINAGE AREA.**—Indeterminant.

**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 sea level, at mean low water (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records good.

**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, 10.26 feet, July 21; minimum gage-height recorded, -1.43 feet, December 20.

STATION NUMBER 02198979 L. BACK RIVER AT LUCKNOW CANAL, NEAR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS  
 LATITUDE 321105 LONGITUDE 0810702 DRAINAGE AREA DATUM STATE 45 COUNTY 053  
 (MEAN LOW-WATER DATUM)

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	9.58	2.26	8.74	1.66	8.34	1.52	7.45	-.03	7.14	-.05	8.42	.63
2	9.24	1.79	8.60	1.92	8.42	1.87	7.08	.23	7.48	.18	8.41	.12
3	8.84	1.72	8.47	1.98	8.33	2.06	7.32	.54	7.90	-.15	8.02	.16
4	8.57	1.92	8.35	2.27	8.43	2.18	7.76	.06	8.55	-.27	8.52	-.24
5	8.39	1.98	8.52	2.25	8.33	1.06	8.32	-.59	8.78	-.20	6.85	-1.12
6	8.21	1.63	8.65	1.77	8.38	.52	8.03	-.70	8.84	-1.26	7.95	-1.25
7	8.33	2.18	8.42	1.30	8.48	.52	8.73	-.75	9.11	-1.14	9.13	-1.22
8	8.51	1.92	8.60	.92	8.75	-1.10	9.15	-.98	9.21	-1.24	9.62	-1.10
9	8.60	1.65	9.05	.66	8.92	-.68	8.85	-1.04	9.12	-1.15	9.56	.39
10	8.76	1.18	8.75	.34	9.45	.24	9.28	-.82	8.87	-1.12	9.69	.40
11	8.77	.58	9.49	.07	9.61	-.26	9.24	-.51	8.98	-1.18	9.52	.75
12	8.95	.41	9.58	.79	9.41	-.33	9.24	-.42	9.06	-.36	9.32	-.09
13	9.04	.56	9.70	.60	9.68	-.33	9.48	.08	8.50	-.46	9.14	-.81
14	9.23	.62	9.35	.45	9.40	-.13	9.18	.85	8.06	-.07	8.19	-.69
15	9.18	.30	9.47	-.04	8.98	-.76	8.57	.33	7.99	.29	8.22	.47
16	9.24	.37	9.30	.50	9.23	.44	8.26	.41	7.96	.39	8.12	.79
17	9.29	.62	8.99	.42	8.50	-.39	8.29	.75	8.03	-.33	7.96	.72
18	9.32	.83	9.02	.62	8.44	-.22	8.51	1.06	8.43	.40	7.80	1.42
19	9.31	1.07	9.11	1.36	8.36	-1.42	8.64	.86	8.63	.99	8.55	3.28
20	9.20	1.32	8.97	.36	7.66	-1.43	8.32	-.17	8.32	.22	10.05	2.78
21	9.08	.66	8.05	-.80	8.30	-.42	7.74	-1.24	8.25	-.23	8.47	.60
22	9.10	.48	8.45	-.50	8.42	-.49	8.31	-.27	8.45	-.26	8.35	.19
23	9.38	.85	8.65	-.41	8.60	-.89	8.33	.78	8.48	.13	8.58	.16
24	9.33	1.27	8.99	-.10	8.66	-.17	8.71	.70	8.59	.27	8.54	.06
25	9.35	.97	9.50	.99	8.65	-.25	8.06	.33	8.47	-.10	8.81	.01
26	9.49	1.09	8.83	-.01	8.67	.36	8.47	.46	8.31	-.36	8.68	-.13
27	9.38	1.03	8.65	.03	8.54	.01	7.83	-.13	8.38	.07	8.78	-.05
28	9.35	.79	8.49	-.06	8.57	.33	8.07	.30	8.38	.10	9.14	.74
29	9.56	.81	8.39	.64	8.68	.78	7.94	.15	---	---	9.19	.63
30	9.15	1.11	8.17	.40	7.62	-.45	7.80	.01	---	---	8.56	-.09
31	8.77	1.25	---	---	7.57	-.19	7.18	-.37	---	---	8.34	.02
MONTH	9.58	.30	9.70	-.80	9.68	-1.43	9.48	-1.24	9.21	-1.26	10.05	-1.25



STATION NUMBER 02198979 L. BACK RIVER AT LUCKNOW CANAL, NEAR LIMEHOUSE, SC STREAM SOURCE AGENCY USGS  
 LATITUDE 321105 LONGITUDE 0810702 DRAINAGE AREA DATUM STATE 45 COUNTY 053  
 (MEAN LOW-WATER DATUM)  
 GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.30	-.66	8.63	.30	8.86	.28	---	---	9.24	1.51	8.16	.15
2	8.14	.18	8.71	.24	8.79	-.51	---	---	9.02	.91	8.37	.42
3	8.58	-.21	8.60	-.15	8.92	-.57	---	---	8.85	.83	8.49	.84
4	8.66	-.21	8.85	-.19	8.85	-.72	---	---	8.90	.58	8.27	.95
5	9.27	.23	9.08	-.35	8.81	-.42	---	---	8.68	.64	8.06	.50
6	9.15	-.04	9.32	-.42	8.74	-.37	---	---	8.64	.61	8.28	.45
7	8.96	-.70	9.68	1.15	8.63	-.06	---	---	8.55	.55	8.35	1.29
8	9.10	-.74	9.48	.58	8.54	.20	---	---	8.51	.48	8.24	1.31
9	9.14	-.61	9.24	.20	8.68	.14	---	---	8.32	.52	8.19	1.57
10	9.04	-.30	9.15	.28	8.68	.69	---	---	8.22	.43	8.10	1.08
11	9.04	.17	8.85	.49	8.52	.86	---	---	8.08	.40	8.20	.70
12	8.96	.35	8.45	.51	8.28	1.06	---	---	8.26	.35	8.65	1.37
13	8.42	.26	8.20	.59	7.84	.52	---	---	8.36	.17	9.02	1.26
14	7.84	.49	8.41	1.55	7.72	.47	---	---	8.61	-.10	9.29	.93
15	8.11	1.40	8.26	1.27	8.07	.37	---	---	9.26	.33	9.28	1.41
16	7.72	.81	8.36	1.20	8.30	.28	---	---	9.45	.17	9.54	1.46
17	7.94	.93	8.55	1.61	8.84	.52	---	---	9.61	-.41	9.29	.73
18	7.84	.76	8.63	1.20	9.15	.61	---	---	9.77	-.85	9.06	.65
19	7.91	.15	8.79	.41	9.24	.26	---	---	9.38	-.82	8.84	.61
20	8.28	-.18	8.96	.11	9.32	-.29	9.91	-.45	---	---	8.67	.34
21	8.23	-.42	9.10	.06	9.58	.07	10.26	1.16	---	---	8.56	.40
22	8.39	-.73	9.16	-.30	9.54	-.46	10.12	1.21	---	---	8.52	.53
23	8.51	-.74	9.29	-.30	9.54	-.58	10.12	.64	8.67	.20	8.34	.86
24	8.66	-.87	9.40	.09	9.52	-.18	9.44	-.38	8.29	-.04	8.14	1.35
25	8.81	-.72	9.37	-.19	9.54	.48	9.17	.08	8.46	.47	7.85	1.08
26	8.86	-.27	9.37	-.20	9.46	.44	8.81	.24	8.56	1.28	7.78	1.39
27	8.86	-.19	9.18	.22	---	---	8.54	-.07	8.42	1.12	7.83	1.34
28	8.86	-.18	9.05	.12	---	---	8.76	.50	8.04	.60	8.04	1.13
29	8.63	.25	8.86	-.13	---	---	8.86	.70	8.17	.32	8.26	1.25
30	8.92	.26	8.80	.30	---	---	8.76	.02	8.19	.46	8.31	1.47
31	---	---	8.75	.12	---	---	9.25	1.19	8.27	.51	---	---
MONTH	9.27	-.87	9.68	-.42	---	---	---	---	---	---	9.54	.15

**SAVANNAH RIVER BASIN  
2001 Water Year**

**021989791 LITTLE BACK RIVER AT FISH & WILDLIFE DOCK, NEAR LIMEHOUSE, SC**

**LOCATION.**--Lat 32°10'14", long 81°07'06", 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.

**CONTINUOUS WATER-QUALITY RECORDS**

**INSTRUMENTATION.**—Continuous water-quality monitor.

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** October 1989 to current year.

**WATER TEMPERATURE:** October 1999 to current year.

**REMARKS.**—Records good.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 13,700 microsiemens, October 2, 1990; minimum recorded, 40 microsiemens, October 13, 1994, February 26, 27, 1995, February 17, 1998.

**WATER TEMPERATURE:** Maximum, 30.8 °C, July 22, 2000; minimum, 5.0 °C, January 4, 2001.

**EXTREMES FOR CURRENT YEAR.**--

**SPECIFIC CONDUCTANCE:** Maximum, 11,300 microsiemens, July 21, 22; minimum, 119 microsiemens, March 20.

**WATER TEMPERATURE:** Maximum, 30.3 °C, August 10, 13; minimum, 5.0 °C, January 4.

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321014 LONGITUDE 0810706 DATUM STATE 45 COUNTY 053

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	958	175	258	1320	473	819	876	209	460	785	162	362
2	452	172	241	1460	368	771	844	178	398	658	149	302
3	457	216	295	1440	313	746	885	191	477	835	152	371
4	575	211	352	1420	283	750	1320	175	564	1130	164	478
5	677	198	377	1960	294	853	1540	258	742	1970	234	895
6	732	201	416	3150	323	1360	1830	352	1000	2020	281	986
7	1020	199	487	2750	1030	1650	2350	516	1260	3210	514	1400
8	1450	197	724	3140	992	1850	3450	784	1680	4960	971	1860
9	1770	298	935	5790	1240	2540	4450	1100	1960	3130	832	1420
10	2990	581	1510	3450	1540	2160	6730	1170	2270	4920	761	1570
11	3250	1200	1890	7010	1430	3030	6290	1140	2180	4120	830	1420
12	3760	1370	2070	8800	1590	3380	4930	1020	1750	3350	801	1250
13	4320	1450	2200	8480	1710	3200	5180	838	1730	3810	690	1270
14	4490	1300	2040	5500	1420	2320	3720	840	1410	2690	701	1050
15	3740	1170	1740	---	---	---	2080	620	991	1080	507	756
16	3560	1010	1530	---	---	---	2800	631	1040	855	348	598
17	3350	881	1370	---	---	---	1230	309	718	792	334	551
18	3500	771	1260	---	---	---	1540	217	586	---	---	---
19	3740	704	1250	---	---	---	1500	282	866	---	---	---
20	3500	737	1240	---	---	---	1770	476	1020	1100	292	685
21	2970	727	1200	---	---	---	2230	440	1150	1090	212	565
22	2880	762	1220	1630	512	1010	1840	544	1090	1640	298	774
23	4470	860	1570	1670	715	1120	2310	445	1060	1410	318	846
24	3940	1010	1750	2400	778	1240	1890	590	1040	1460	351	794
25	4020	975	1760	3970	863	1450	1600	536	991	1080	294	695
26	4810	1010	1880	1410	590	906	1770	572	992	862	204	506
27	3920	992	1610	917	464	699	1690	558	998	788	285	508
28	3550	910	1430	803	339	587	1680	550	1020	811	198	450
29	4410	863	1500	811	285	547	1550	551	956	810	234	467
30	2300	737	1100	843	227	485	1230	238	565	790	212	390
31	1240	583	882	---	---	---	834	164	362	646	158	334
MONTH	4810	172	1230	---	---	---	6730	164	1080	---	---	---

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321014 LONGITUDE 0810706 DATUM STATE 45 COUNTY 053

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	764	186	371	668	215	421	330	142	221	1160	361	730
2	845	193	445	757	196	404	574	140	273	1450	487	871
3	1120	172	559	777	182	392	587	148	339	1340	648	963
4	1970	299	943	1050	215	558	498	160	291	1950	661	1030
5	2600	628	1290	761	183	430	1450	180	368	2770	707	1130
6	3660	734	1430	1210	230	808	451	218	301	3670	705	1250
7	4180	841	1520	5190	477	1710	339	213	265	5130	789	1510
8	3880	870	1420	5130	955	1780	413	203	250	5000	868	1540
9	2780	763	1170	2900	603	1060	404	189	235	4140	756	1240
10	1620	614	891	1580	357	652	398	186	224	2790	610	997
11	1670	510	779	1120	239	421	401	180	220	1520	570	878
12	1870	527	748	577	210	289	300	180	214	1140	419	758
13	736	398	588	427	188	263	269	164	211	1140	331	688
14	796	324	556	301	172	237	491	160	248	1450	356	822
15	800	274	526	303	160	231	599	162	322	1440	396	804
16	870	284	544	319	160	226	588	146	284	2020	336	848
17	992	278	587	352	144	216	882	141	326	2770	406	1340
18	1930	284	880	434	129	235	1230	143	443	3250	968	1770
19	2460	419	1170	551	120	290	1590	160	714	4320	875	1880
20	1770	444	1020	3580	119	867	2130	336	965	5550	904	1920
21	1570	465	926	286	124	205	1920	490	1130	5430	1170	2080
22	1790	505	1080	266	126	174	1870	551	1080	5170	1100	2090
23	1600	708	1170	449	133	236	1630	559	980	6090	1060	2010
24	1810	712	1170	413	157	258	1740	523	950	6040	1110	1940
25	1390	647	1010	324	155	224	1620	443	821	6040	1060	1930
26	1120	397	757	246	132	183	1520	456	765	4890	1050	1760
27	863	283	563	262	134	180	1550	506	775	4170	958	1620
28	774	212	439	328	143	211	1610	459	760	3450	872	1450
29	---	---	---	618	181	263	1120	428	731	2620	749	1270
30	---	---	---	325	165	220	1580	461	805	2330	754	1260
31	---	---	---	306	145	214	---	---	---	2100	854	1200
MONTH	4180	172	877	5190	119	447	2130	140	517	6090	331	1340

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321014 LONGITUDE 0810706 DATUM STATE 45 COUNTY 053

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	2120	960	1270	722	392	529	3390	700	1240	2310	643	1210
2	1740	743	1160	722	347	501	2470	689	1170	2630	689	1250
3	1820	603	973	1400	339	525	1680	671	1020	2550	915	1340
4	1620	537	848	605	335	444	1790	608	996	1660	852	1230
5	1310	520	776	508	257	391	1450	601	977	1460	674	1020
6	1150	473	735	560	258	386	1320	566	932	1480	638	927
7	900	434	671	754	281	472	1390	564	935	1640	672	1010
8	832	397	611	802	309	540	1370	528	899	1450	644	948
9	1110	386	663	805	231	471	1340	448	840	1240	404	777
10	1110	451	761	808	215	485	1340	328	745	828	297	538
11	1180	434	750	940	225	503	1200	255	646	1350	293	554
12	1240	354	688	1030	258	555	1140	228	591	4400	352	1020
13	888	232	457	1460	320	683	1190	256	628	6050	541	1700
14	1010	234	506	1810	478	952	1780	270	742	7510	973	2540
15	1780	251	782	1770	331	909	6440	327	1520	7820	1350	2790
16	1240	213	618	2410	338	908	6490	913	2170	10100	1430	3610
17	1360	212	617	4040	403	1230	7290	1210	2410	8180	1480	3350
18	1370	215	636	4920	712	1570	7280	1110	2410	6160	1390	2760
19	1290	241	515	5400	766	1750	4310	870	1650	6110	1280	2250
20	1830	242	514	8060	862	2060	3360	742	1260	3860	1070	1730
21	1910	304	555	11300	1120	2750	3350	701	1130	2780	929	1400
22	1570	341	519	11300	1430	3360	2510	687	1060	2550	829	1190
23	1370	314	476	9770	1380	2830	1870	680	951	2000	731	1080
24	1460	318	482	4440	1110	1760	1080	649	807	1370	627	951
25	1490	325	508	2510	890	1320	1080	534	757	1300	437	845
26	1170	339	479	1420	777	1050	1720	517	813	1600	422	877
27	565	325	422	1120	640	886	1540	496	795	2080	393	1010
28	512	335	423	1090	516	806	1120	419	767	2770	493	1260
29	672	345	463	1320	554	838	1740	403	809	4710	874	1840
30	888	393	526	1570	437	838	2020	426	995	4800	1400	2200
31	---	---	---	3810	438	1100	2580	628	1290	---	---	---
MONTH	2120	212	647	11300	215	1080	7290	228	1100	10100	293	1510

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321014 LONGITUDE 0810706 DATUM STATE 45 COUNTY 053

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.3	21.3	21.8	19.6	18.8	19.2	12.9	12.2	12.6	6.2	5.5	5.9
2	22.5	21.2	21.8	19.7	18.7	19.1	12.6	12.3	12.5	6.0	5.5	5.8
3	22.3	21.2	21.8	19.7	19.0	19.4	12.3	11.1	11.8	5.9	5.2	5.6
4	22.5	21.6	22.1	19.9	19.3	19.6	11.1	10.2	10.7	5.8	5.0	5.4
5	23.4	22.2	22.8	20.1	19.6	19.8	10.5	9.7	10.2	6.1	5.1	5.6
6	24.1	23.0	23.5	19.7	19.3	19.5	10.3	9.7	10.0	6.5	5.5	6.0
7	23.9	23.5	23.8	20.4	19.3	19.9	10.3	9.5	9.9	6.7	6.0	6.3
8	23.6	21.5	22.8	21.1	20.1	20.6	10.6	9.7	10.1	7.3	6.2	6.7
9	21.5	19.4	20.4	21.4	20.8	21.1	10.6	10.2	10.5	7.3	6.3	6.7
10	19.5	18.5	19.1	21.2	20.3	20.9	10.8	10.5	10.6	6.4	5.6	6.1
11	19.3	18.2	18.6	20.3	18.8	19.6	10.8	10.4	10.6	6.7	5.8	6.2
12	19.3	18.2	18.7	19.3	17.4	18.3	12.2	10.8	11.4	7.8	6.6	7.1
13	19.2	18.1	18.6	18.4	16.6	17.4	11.9	11.1	11.4	8.8	7.4	7.9
14	19.1	18.0	18.6	17.9	16.6	17.1	11.7	10.8	11.2	9.9	8.3	9.1
15	19.1	18.0	18.6	16.7	15.5	16.1	12.2	11.6	12.0	10.6	9.4	10.0
16	19.3	18.1	18.7	16.3	14.8	15.4	13.1	11.9	12.4	11.2	10.4	10.7
17	19.5	18.2	18.8	15.7	15.1	15.4	13.6	12.2	13.1	10.9	10.7	10.8
18	19.8	18.5	19.1	15.5	14.7	15.1	12.3	11.0	11.6	---	---	---
19	20.1	19.0	19.5	14.9	12.7	14.0	11.3	9.2	10.4	---	---	---
20	20.3	19.6	19.9	---	---	---	9.2	8.2	8.6	13.2	11.8	12.8
21	20.5	19.6	20.0	---	---	---	8.9	8.0	8.4	11.8	10.8	11.2
22	20.8	19.8	20.3	12.1	11.2	11.7	8.6	8.0	8.3	11.3	10.5	10.9
23	20.9	20.1	20.5	11.8	11.2	11.5	8.0	7.2	7.7	10.6	9.9	10.3
24	20.5	19.5	20.0	12.0	11.2	11.6	7.5	6.9	7.2	10.3	9.9	10.1
25	20.2	19.0	19.6	13.6	11.9	12.8	7.2	6.8	7.0	10.1	9.5	9.8
26	20.2	18.8	19.5	14.2	13.3	13.8	6.8	6.2	6.5	9.5	8.9	9.2
27	20.0	19.0	19.5	13.9	13.2	13.5	6.9	6.1	6.5	9.7	8.8	9.2
28	20.1	19.1	19.7	13.3	12.8	13.1	7.3	6.8	7.1	9.7	9.0	9.4
29	20.4	19.7	20.0	13.4	12.9	13.1	7.0	6.5	6.7	10.0	9.1	9.6
30	20.3	19.4	19.7	13.4	12.8	13.1	6.7	6.0	6.3	11.0	10.0	10.5
31	20.2	18.9	19.4	---	---	---	6.2	5.4	5.8	11.2	10.4	10.9
MONTH	24.1	18.0	20.2	---	---	---	13.6	5.4	9.6	---	---	---

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321014 LONGITUDE 0810706 DATUM STATE 45 COUNTY 053

## 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	11.2	11.0	11.2	16.6	15.7	16.2	15.9	15.0	15.5	21.6	20.4	21.0
2	11.1	11.0	11.1	16.9	15.9	16.4	16.1	14.5	15.4	21.9	20.8	21.4
3	11.1	10.6	10.9	17.5	16.6	17.1	16.0	15.1	15.4	22.4	21.2	21.7
4	11.1	10.6	10.8	17.7	17.1	17.4	15.3	14.9	15.1	22.9	21.6	22.1
5	11.4	10.5	10.9	17.1	15.6	16.3	15.6	14.9	15.3	23.3	21.9	22.6
6	11.6	10.7	11.1	15.8	13.9	14.5	16.9	15.3	16.0	23.6	22.2	22.9
7	11.7	10.8	11.2	14.4	13.4	13.9	18.4	16.6	17.4	23.3	22.5	22.9
8	12.5	11.1	11.7	14.1	13.1	13.6	19.5	18.0	18.7	23.4	21.8	22.8
9	13.4	11.8	12.6	13.9	13.1	13.5	20.5	19.0	19.7	23.3	21.7	22.5
10	13.7	12.9	13.4	14.4	13.2	13.7	21.1	19.8	20.5	23.1	21.6	22.4
11	13.4	12.5	13.0	14.4	12.7	13.7	21.9	20.5	21.2	23.3	22.2	22.8
12	13.0	11.7	12.3	14.5	14.0	14.3	22.6	21.3	21.9	23.8	22.8	23.3
13	12.0	11.2	11.6	15.9	14.4	15.1	23.2	22.0	22.6	24.7	23.1	23.9
14	12.8	11.6	12.1	15.9	14.9	15.4	23.7	22.6	23.2	24.6	23.5	24.1
15	14.2	12.6	13.3	15.9	15.1	15.5	23.4	22.6	23.0	24.9	23.6	24.3
16	15.2	13.8	14.4	17.3	15.8	16.5	23.1	22.1	22.7	25.5	24.2	24.8
17	15.6	14.8	15.2	17.0	16.1	16.7	22.8	20.8	21.8	26.1	24.9	25.5
18	15.2	14.1	14.6	16.7	15.5	16.1	20.8	19.6	20.2	26.4	25.5	25.9
19	14.4	13.6	14.0	15.5	14.4	15.0	20.6	19.2	19.9	26.6	25.3	25.9
20	14.5	13.6	14.1	15.6	14.3	14.9	20.6	19.3	19.8	26.1	25.7	25.9
21	15.4	14.3	14.8	15.3	13.6	14.4	21.0	19.6	20.2	26.5	25.3	25.8
22	15.4	15.0	15.2	14.4	13.1	13.7	21.5	20.0	20.6	26.7	25.6	26.1
23	15.1	14.6	14.8	14.8	13.7	14.2	21.7	20.4	21.0	26.5	25.5	26.0
24	15.2	14.4	14.8	15.1	14.1	14.5	22.1	20.8	21.4	26.1	24.5	25.4
25	16.7	15.1	15.8	15.1	14.6	14.8	21.9	20.4	21.0	25.9	24.1	24.6
26	17.2	16.3	16.7	14.8	13.9	14.4	20.5	19.1	19.8	25.3	23.8	24.5
27	16.9	15.9	16.4	14.5	13.5	14.1	20.3	19.0	19.8	25.0	23.4	24.2
28	16.6	16.1	16.3	14.2	13.4	13.9	20.8	19.4	20.2	25.4	23.9	24.8
29	---	---	---	14.6	13.5	14.0	21.2	20.1	20.7	25.1	24.5	24.8
30	---	---	---	15.7	14.4	15.1	21.3	20.4	20.9	25.5	24.3	24.9
31	---	---	---	15.9	15.0	15.5	---	---	---	26.3	24.6	25.5
MONTH	17.2	10.5	13.4	17.7	12.7	15.0	23.7	14.5	19.7	26.7	20.4	24.0

STATION NUMBER 021989791 LITTLE BACK RIVER AT F&W DOCK, NEAR LIMEHOUSE, SC ESTUARY SOURCE AGENCY USGS  
 LATITUDE 321014 LONGITUDE 0810706 DATUM STATE 45 COUNTY 053

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.5	25.6	26.0	27.6	26.6	27.0	28.6	27.6	28.1	28.8	27.9	28.3
2	26.5	25.5	26.0	28.1	26.9	27.4	28.2	27.1	27.5	28.5	27.9	28.1
3	27.0	25.8	26.3	28.3	27.3	27.7	28.2	27.0	27.6	28.4	27.6	28.0
4	27.5	25.8	26.6	27.9	27.2	27.5	28.5	27.3	27.9	28.1	27.0	27.4
5	27.8	26.6	27.2	28.0	26.7	27.2	28.4	27.7	28.1	27.8	26.7	27.0
6	28.4	27.0	27.7	28.9	27.4	28.1	28.5	27.6	28.1	26.9	26.1	26.6
7	28.1	27.6	27.8	29.3	28.2	28.7	29.2	27.9	28.6	27.0	26.1	26.6
8	27.8	27.2	27.4	29.0	28.1	28.5	29.8	28.7	29.3	27.5	26.1	26.8
9	27.5	26.5	26.8	28.8	28.0	28.4	30.1	28.9	29.6	27.2	26.5	26.8
10	26.8	26.0	26.2	29.2	28.1	28.8	30.3	29.1	29.7	27.0	25.9	26.5
11	26.5	25.7	26.0	29.5	28.4	29.1	30.1	29.0	29.6	27.1	26.2	26.7
12	26.1	25.5	25.8	29.9	28.7	29.3	30.2	28.9	29.6	27.0	26.0	26.5
13	26.6	25.4	26.0	29.8	28.8	29.2	30.3	29.0	29.7	26.5	25.3	25.9
14	27.6	25.9	26.6	29.4	28.2	28.8	30.0	28.8	29.4	25.8	24.8	25.3
15	27.9	26.4	27.1	28.8	27.7	28.3	29.5	28.3	28.9	24.8	23.5	23.9
16	28.2	26.5	27.4	28.4	27.3	27.8	29.5	28.1	28.7	24.0	22.1	23.1
17	27.6	26.2	27.0	28.4	27.0	27.6	29.6	28.2	28.8	24.3	22.0	23.2
18	26.5	25.3	26.0	28.9	27.2	27.9	29.8	28.6	29.2	24.3	22.3	23.3
19	25.9	25.1	25.5	29.3	27.8	28.4	29.4	27.6	28.3	24.3	22.4	23.4
20	26.3	24.8	25.5	28.9	27.9	28.4	29.2	27.5	28.3	24.2	23.0	23.7
21	26.5	25.8	26.2	28.5	27.1	27.8	29.3	27.7	28.6	24.7	23.6	24.2
22	26.5	24.9	25.8	28.4	26.4	27.5	29.4	27.7	28.6	25.4	24.5	24.9
23	26.7	25.5	26.0	28.4	26.4	27.3	29.3	27.3	28.4	25.6	25.0	25.3
24	27.2	25.9	26.6	27.9	26.2	26.9	28.8	27.4	28.1	25.8	25.1	25.5
25	27.3	26.2	26.8	27.4	26.2	26.9	28.7	27.4	28.1	25.6	24.8	25.3
26	27.1	25.8	26.6	27.7	26.8	27.3	29.1	27.5	28.2	25.1	24.1	24.6
27	27.6	26.3	27.0	28.2	27.0	27.6	29.0	27.6	28.3	24.9	23.8	24.3
28	27.3	26.4	26.9	28.5	27.7	28.0	29.3	28.1	28.7	24.8	23.9	24.2
29	27.0	25.9	26.5	29.0	27.6	28.3	29.9	28.6	29.2	23.9	22.5	23.2
30	27.1	26.1	26.6	29.2	28.2	28.6	29.8	29.1	29.4	22.5	21.2	21.8
31	---	---	---	29.2	28.2	28.6	29.5	28.6	29.0	---	---	---
MONTH	28.4	24.8	26.5	29.9	26.2	28.0	30.3	27.0	28.7	28.8	21.2	25.3



**SAVANNAH RIVER BASIN**  
**2001 Water Year**

**02198980 SAVANNAH RIVER AT FORT PULASKI, GA**

**LOCATION.**--Lat 32°02'02", long 80°54'12", 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.**—Undeterminable.

**COOPERATION.**—U.S. Army Corps of Engineers, Savannah District.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--October 1987 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is -3.02 feet below sea level (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records good.

**EXTREMES FOR PERIOD OF RECORD.** —Maximum gage-height recorded, 10.18 feet, February 7, 1993; minimum gage-height recorded, -3.77 feet, March 13, 1993, 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, 9.83 feet, July 21; minimum gage-height recorded, -2.50 feet, January 9.

STATION NUMBER 02198980 SAVANNAH RIVER AT FORT PULASKI, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320202 LONGITUDE 0805412 DRAINAGE AREA DATUM STATE 13 COUNTY 051  
 DCP (MEAN LOW-WATER)  
 GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	8.63	1.67	7.51	1.56	6.93	1.22	5.87	-.26	5.54	-.50	6.97	.53
2	8.11	1.33	7.35	1.81	7.09	1.72	5.56	-.15	5.90	-.25	6.97	.00
3	7.57	1.58	7.14	1.90	7.07	1.95	5.67	.24	6.20	-.23	6.44	.05
4	7.27	1.81	6.99	2.00	7.08	1.96	6.00	-.35	7.24	-.03	7.20	-.28
5	7.21	1.76	7.26	1.46	6.91	.92	6.72	-1.05	7.53	-1.91	5.47	-1.57
6	6.74	1.49	7.40	1.65	6.89	.29	6.29	-1.18	7.63	-1.91	6.47	-1.85
7	7.04	1.93	7.10	.88	7.06	-.31	7.47	-1.55	8.09	-1.93	8.07	-1.68
8	7.33	1.67	7.36	.51	7.45	-1.18	8.05	-1.64	8.28	-2.21	8.85	-1.01
9	7.47	1.00	7.99	.47	7.73	-1.19	7.71	-2.50	8.15	-2.44	8.69	-1.17
10	7.51	.56	7.61	.14	8.51	-.17	8.46	-2.18	7.72	-2.33	8.91	-1.14
11	7.55	.41	8.71	-.29	8.79	-.99	8.39	-1.95	7.99	-2.11	8.72	-.94
12	7.83	.17	9.10	.18	8.57	-1.15	8.39	-1.87	7.62	-.76	7.97	-1.02
13	7.96	.19	9.06	-.01	8.86	-.87	8.78	-.93	7.12	-.76	6.96	-1.10
14	8.20	.10	8.56	-.33	8.46	-1.03	8.22	-.43	6.45	-.29	6.63	-1.03
15	8.12	-.19	8.70	-.31	7.79	-1.23	7.13	-.47	6.42	.15	6.72	.14
16	8.26	-.21	8.31	.21	8.13	.05	6.74	-.44	6.38	.26	6.57	.65
17	8.29	.35	7.91	.09	6.95	-.89	6.78	.14	6.51	-.36	6.35	.52
18	8.31	.61	7.92	.51	6.83	-.42	7.20	.50	6.96	.89	6.14	1.09
19	8.21	.93	8.05	1.19	6.76	-1.78	7.34	-.11	7.36	.25	7.24	2.73
20	8.07	1.09	7.80	-.14	5.84	-.73	6.80	-2.17	6.87	-.09	8.88	1.23
21	7.85	.45	6.54	-1.03	6.84	-.79	5.97	-2.15	6.69	-.37	7.00	-.14
22	7.90	.25	7.07	-.84	7.01	-1.45	6.97	-1.21	7.02	-.45	6.65	-.16
23	8.37	.45	7.34	-.82	7.34	-1.45	7.11	.15	7.09	-.04	7.17	-.27
24	8.32	.38	7.86	-.53	7.36	-1.04	7.57	.03	7.23	.07	6.99	-.53
25	8.43	.29	8.57	.37	7.33	-.56	6.69	-.30	6.99	-.39	7.37	-.61
26	8.67	.43	7.66	-.44	7.32	.11	7.21	-.16	6.72	-.77	7.29	-.56
27	8.51	.25	7.32	-.36	7.11	-.29	6.41	-.64	6.85	-.17	7.43	-.72
28	8.45	.22	7.07	-.65	7.40	.00	6.56	-.25	6.98	-.06	8.02	.31
29	8.61	.40	7.01	.37	7.39	.45	6.55	-.27	---	---	7.17	.09
30	8.13	.79	6.63	.10	5.87	-.68	5.77	-.39	---	---	6.79	-.47
31	7.67	.87	---	---	5.89	-.44	5.49	-.81	---	---	6.79	-.21
MONTH	8.67	-.21	9.10	-1.03	8.86	-1.78	8.78	-2.50	8.28	-2.44	8.91	-1.85

STATION NUMBER 02198980 SAVANNAH RIVER AT FORT PULASKI, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320202 LONGITUDE 0805412 DRAINAGE AREA DATUM STATE 13 COUNTY 051  
 DCP (MEAN LOW-WATER)  
 GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.75	-.88	7.27	.09	7.65	-.17	7.53	-.31	8.11	1.24	7.36	-.31
2	6.39	-.22	7.38	.03	7.55	-.85	7.61	-.50	7.78	.63	7.61	.20
3	7.11	-.64	7.23	-.54	7.69	-.94	8.01	-.38	7.54	.47	7.79	.73
4	7.17	-.64	7.57	-.61	7.65	-1.42	7.41	-.22	7.55	.27	7.51	.70
5	8.15	-.61	7.97	-.87	7.61	-.97	7.17	-.55	7.29	.33	7.19	.25
6	7.97	-1.31	8.39	-.94	7.53	-.92	7.33	-.71	7.26	.32	7.55	.30
7	7.71	-1.89	8.80	.49	7.36	-.51	7.49	-.11	7.13	.27	7.65	1.29
8	7.95	-1.95	8.52	.04	7.33	-.19	7.10	.41	6.79	.22	7.47	1.09
9	8.05	-1.53	8.06	-.11	7.43	-.17	7.09	.27	6.60	.24	7.41	1.53
10	7.83	-1.17	7.63	.02	7.17	.49	6.62	.65	6.65	.19	7.26	.86
11	7.71	-.50	7.06	.16	6.99	.61	6.60	.61	6.44	.17	7.41	.70
12	7.13	-.07	6.77	.29	6.77	.88	6.46	.66	6.57	.13	8.03	1.29
13	6.89	.00	6.95	.46	6.29	.36	6.88	.72	6.73	-.05	8.63	1.32
14	6.31	.22	7.10	1.47	6.14	.34	7.24	1.51	7.05	-.35	9.21	.81
15	6.77	1.23	6.83	1.19	6.30	.15	7.05	.75	8.03	.04	9.27	1.23
16	6.19	.79	6.89	1.20	6.71	-.07	7.34	.27	8.31	-.50	9.72	.40
17	6.47	.44	7.27	1.55	7.31	.17	7.76	.07	8.59	-1.00	9.36	-.39
18	6.25	.57	7.30	1.14	7.75	.13	8.10	-.45	8.89	-1.61	8.95	-.39
19	6.39	.08	7.45	.19	8.13	-.39	8.42	-1.14	8.44	-1.80	8.57	-.27
20	6.64	-.42	7.92	-.08	8.23	-.86	9.31	-1.02	8.51	-1.82	8.24	-.25
21	6.60	-.72	7.92	-.28	8.49	-1.13	9.83	.08	8.17	-1.55	8.15	.09
22	6.88	-1.11	8.09	-.62	8.47	-1.28	9.57	.22	7.95	-.96	8.07	.49
23	7.11	-1.13	8.34	-.67	8.54	-1.30	8.42	-.29	7.79	-.45	7.83	.93
24	7.31	-1.49	8.42	-.41	8.50	-.83	8.06	-1.03	7.47	-.38	7.50	1.37
25	7.58	-1.25	8.39	-.61	8.31	-.45	7.77	-.66	7.72	.18	7.17	1.33
26	7.67	-.39	8.17	-.46	8.22	-.23	7.47	-.19	7.79	1.19	7.02	1.41
27	7.61	-.42	7.95	-.19	7.80	-.27	7.13	-.35	7.61	.99	7.16	1.27
28	7.27	-.47	7.89	-.26	7.50	-.18	7.39	.21	7.05	.50	7.44	1.38
29	7.46	-.13	7.69	-.53	7.55	.07	7.53	.51	7.24	.25	7.79	1.55
30	7.69	.10	7.54	-.01	7.69	-.13	7.31	-.16	7.33	.37	7.85	1.67
31	---	---	7.45	-.35	---	---	8.07	.98	7.37	.38	---	---
MONTH	8.15	-1.95	8.80	-.94	8.54	-1.42	9.83	-1.14	8.89	-1.82	9.72	-.39
YEAR	9.83	-2.50										

**OGEECHEE RIVER BASIN  
2001 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 Highway 16, at Jewell.

**DRAINAGE AREA.**—242 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, December 1888 (day unknown)

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 26.27 feet, June 12

**DISCHARGE:** 10,340 ft<sup>3</sup>/s, June 12

**OGEECHEE RIVER BASIN  
2001 Water Year**

**02200400 ROCKY COMFORT CREEK AT GA 88, NEAR GRANGE, GA**

**LOCATION.**--Lat 33°06'09", long 82°34'02", Jefferson County, Hydrologic Unit 03060201, at culvert on GA Highway 88, 1.5 miles northeast of Grange.

**DRAINAGE AREA.**--188 mi<sup>2</sup>.

**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 sea level.

**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 ft<sup>3</sup>/s, March 10, 1998

**MAXIMUM FOR CURRENT YEAR.--**

**STAGE:** 11.16 feet, March 4

**DISCHARGE:** 1,320 ft<sup>3</sup>/s, March 4

**OGEECHEE RIVER BASIN**  
**2001 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 Highway 17, 8.5 miles southeast of Louisville.

**DRAINAGE AREA.**--14.2 mi<sup>2</sup>.

**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 feet above sea level (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 ft<sup>3</sup>/s, October 12, 1990

**MAXIMUM FOR CURRENT YEAR.--**

**STAGE:** 3.52 feet, March 29

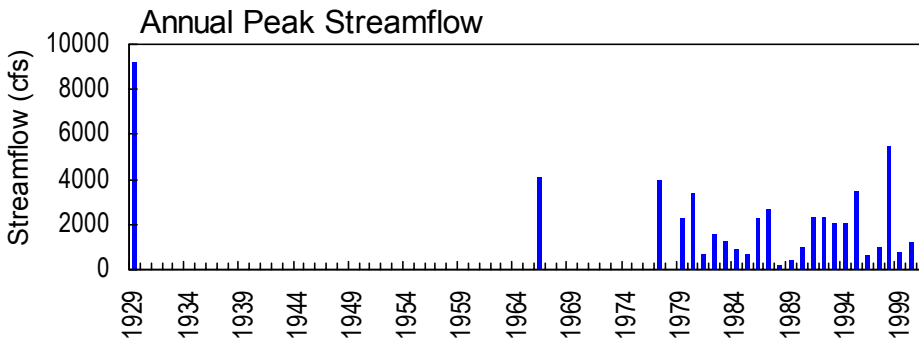
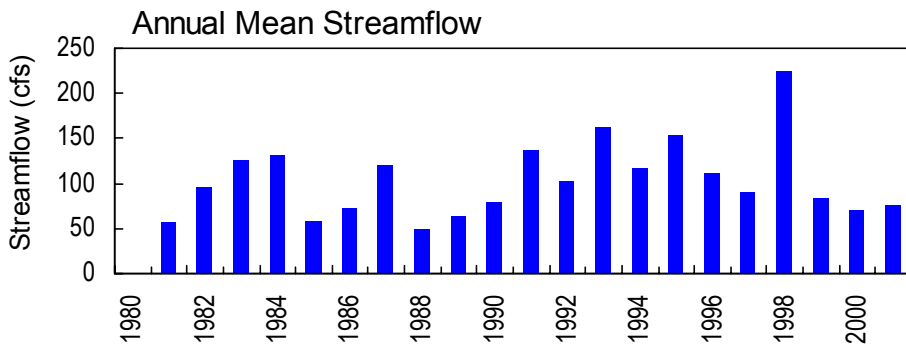
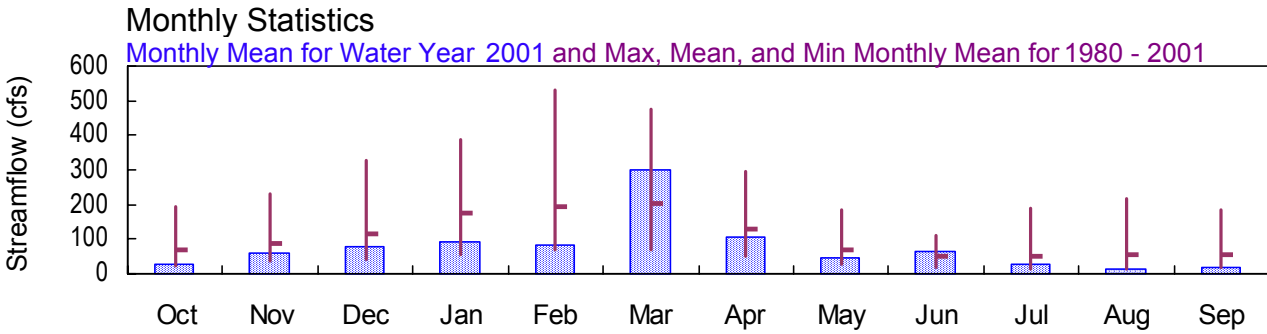
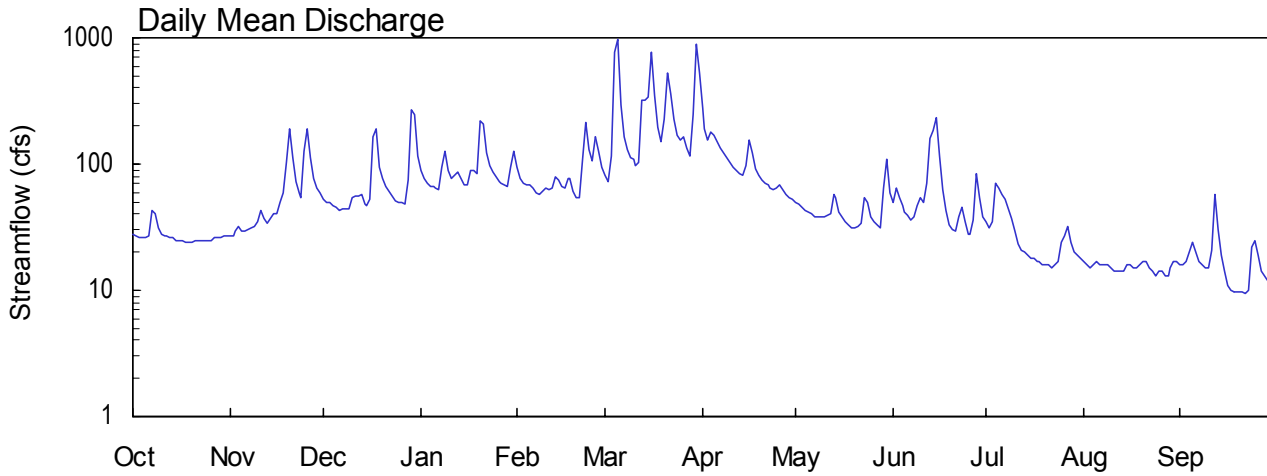
**DISCHARGE:** 152 ft<sup>3</sup>/s, March 29

# OGEECHEE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 263 feet Period of Record: 1980 - 2001



02201000 Williamson Swamp Creek at Davisboro, GA  
 May 11, 1983

**OGEECHEE RIVER BASIN  
2001 Water Year**

**02201000 WILLIAMSON SWAMP CREEK AT DAVISBORO, GA**

**LOCATION.**--Lat 32°58'32", long 82°36'36", Washington County, Hydrologic Unit 03060201, on downstream side of bridge on GA Highway 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<sup>2</sup>.

**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 feet above sea level (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. 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.05	0200	1,310*	8.49*
Mar.16	1000	869	7.75
Mar.30	1400	994	7.99

**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 feet above sea level (from information obtained from Georgia Department of Transportation). August 16, 1978 to May 8, 1980, crest-stage gage located at same site and datum.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 8.49 feet, March 5; minimum gage-height recorded 2.32 feet, August 28.



STATION NUMBER 02201000 WILLIAMSON SWAMP CREEK AT DAVISBORO, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325832 LONGITUDE 0823636 DRAINAGE AREA 109.00 DATUM 263.00 STATE 13 COUNTY 303

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	28	27	52	90	94	82	280	50	50	35	17	16
2	27	27	50	78	78	73	191	48	64	31	16	16
3	26	29	49	71	70	116	156	45	54	35	15	17
4	26	32	47	67	68	777	179	43	47	70	16	20
5	26	29	45	66	69	975	168	42	42	64	17	24
6	27	29	43	64	64	293	149	40	39	e58	16	20
7	43	30	44	62	60	165	135	38	36	e52	16	17
8	41	31	44	95	58	129	121	38	38	e44	16	16
9	31	32	44	125	61	112	111	38	47	e37	16	15
10	28	35	54	90	65	108	102	38	54	e29	15	15
11	27	43	56	76	62	98	94	39	49	e23	14	21
12	27	37	56	81	64	102	88	41	71	e21	14	57
13	26	34	57	87	79	325	83	58	161	e20	14	30
14	26	37	48	76	75	318	81	55	186	19	14	19
15	25	41	47	68	67	345	97	42	233	18	16	14
16	25	40	52	69	64	779	157	38	116	18	16	11
17	25	50	165	89	78	354	121	35	62	17	15	9.9
18	24	60	188	90	78	196	91	33	43	17	15	9.7
19	24	102	93	84	61	150	81	31	33	16	16	9.6
20	24	190	77	221	55	224	74	31	30	16	17	9.7
21	25	112	66	210	55	533	71	32	29	16	17	9.7
22	25	73	61	123	110	356	68	34	38	15	15	9.4
23	25	60	56	97	213	225	64	54	46	16	14	10
24	25	54	51	86	129	169	63	49	35	17	13	22
25	25	125	50	79	105	157	64	38	28	24	14	25
26	25	191	49	72	164	163	68	35	28	27	14	19
27	26	111	48	71	126	134	63	33	36	32	13	14
28	26	77	74	68	95	117	58	31	84	24	13	13
29	26	65	270	66	---	250	55	65	55	20	15	12
30	27	59	246	95	---	897	52	110	38	19	17	11
31	27	---	117	128	---	529	---	59	---	18	17	---
TOTAL	838	1862	2399	2844	2367	9251	3185	1363	1872	868	473	512.0
MEAN	27.0	62.1	77.4	91.7	84.5	298	106	44.0	62.4	28.0	15.3	17.1
MAX	43	191	270	221	213	975	280	110	233	70	17	57
MIN	24	27	43	62	55	73	52	31	28	15	13	9.4
CFSM	.25	.57	.71	.84	.78	2.74	.97	.40	.57	.26	.14	.16
IN.	.29	.64	.82	.97	.81	3.16	1.09	.47	.64	.30	.16	.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2001, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	70.6	86.9	114	174	192	201	127	69.1	52.4	49.5	56.8	55.8											
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	22.8	34.9	43.3	54.7	68.4	67.8	50.0	28.1	18.0	15.4	15.3	16.8											
(WY)	1988	1982	1989	1981	1988	1985	1985	2000	2000	1986	2001	1981											

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1980 - 2001

ANNUAL TOTAL	24299	27834.0										
ANNUAL MEAN	66.4	76.3								103		
HIGHEST ANNUAL MEAN										225		1998
LOWEST ANNUAL MEAN										41.1		1980
HIGHEST DAILY MEAN	1130	Jan 25				975	Mar 5			4300		Mar 9 1998
LOWEST DAILY MEAN	11	Jul 21				9.4	Sep 22			9.4		Sep 22 2001
ANNUAL SEVEN-DAY MINIMUM	12	Jul 17				9.7	Sep 17			9.7		Sep 17 2001
MAXIMUM PEAK FLOW						1310	Mar 5			5430		Mar 9 1998
MAXIMUM PEAK STAGE						8.49	Mar 5			12.38		Mar 9 1998
INSTANTANEOUS LOW FLOW										9.5		Jul 15 1986
ANNUAL RUNOFF (CFSM)	.61					.70				.94		
ANNUAL RUNOFF (INCHES)	8.29					9.50				12.82		
10 PERCENT EXCEEDS	125					159				212		
50 PERCENT EXCEEDS	42					48				62		
90 PERCENT EXCEEDS	17					16				23		

STATISTICS COMPUTED BY: rnichols

DATE: 03/08/2002 AT: 15:44:51

e Estimated

STATION NUMBER 02201000 WILLIAMSON SWAMP CREEK AT DAVISBORO, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325832 LONGITUDE 0823636 DRAINAGE AREA 109.00 DATUM 263.00 STATE 13 COUNTY 303

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	2.67	2.64	3.27	4.00	4.08	3.88	5.79	3.06	3.05	2.94	2.46	2.45
2	2.64	2.64	3.24	3.82	3.82	3.73	5.10	3.01	3.33	2.85	2.43	2.45
3	2.62	2.68	3.24	3.69	3.68	4.31	4.74	2.95	3.13	2.92	2.41	2.46
4	2.61	2.76	3.21	3.62	3.65	7.40	4.98	2.92	3.00	3.57	2.45	2.55
5	2.60	2.69	3.19	3.60	3.67	7.88	4.87	2.88	2.88	3.48	2.46	2.67
6	2.64	2.69	3.17	3.58	3.58	5.99	4.66	2.85	2.81	---	2.44	2.55
7	3.00	2.71	3.19	3.54	3.50	4.99	4.49	2.81	2.77	---	2.43	2.48
8	2.95	2.73	3.19	4.06	3.47	4.55	4.33	2.79	2.81	---	2.43	2.43
9	2.74	2.75	3.20	4.50	3.51	4.34	4.20	2.80	2.98	---	2.42	2.40
10	2.65	2.82	3.39	4.01	3.60	4.28	4.08	2.79	3.13	---	2.40	2.41
11	2.63	3.00	3.43	3.77	3.53	4.13	3.96	2.82	3.03	---	2.37	2.57
12	2.63	2.86	---	3.86	3.58	4.17	3.84	2.87	3.47	---	2.36	3.37
13	2.62	2.81	3.44	3.96	3.83	6.10	3.74	3.23	4.77	---	2.37	2.88
14	2.60	2.87	3.26	3.79	3.77	6.09	3.70	3.15	5.05	2.54	2.39	2.63
15	2.59	2.95	3.26	3.65	3.63	6.13	3.96	2.89	5.46	2.51	2.44	2.54
16	2.58	2.93	3.35	3.67	3.57	7.56	4.76	2.81	4.23	2.49	2.43	2.48
17	2.58	3.15	4.96	3.99	3.82	6.23	4.33	2.74	3.37	2.48	2.41	2.45
18	2.57	3.36	5.20	4.00	3.81	5.27	3.91	2.68	3.01	2.47	2.40	2.44
19	2.57	4.00	4.05	3.91	3.52	4.75	3.70	2.64	2.84	2.45	2.44	2.44
20	2.57	5.09	3.80	5.50	3.42	5.36	3.56	2.63	2.80	2.44	2.47	2.44
21	2.58	4.20	3.60	5.42	3.42	6.94	3.49	2.66	2.79	2.43	2.46	2.44
22	2.58	3.60	3.52	4.47	4.24	6.25	3.42	2.72	3.00	2.41	2.41	2.43
23	2.58	3.36	3.43	4.12	5.48	5.45	3.35	3.12	3.16	2.42	2.38	2.46
24	2.58	3.24	3.33	3.94	4.54	4.94	3.31	3.03	2.93	2.47	2.36	2.82
25	2.59	4.29	3.31	3.83	4.23	4.80	3.34	2.80	2.77	2.67	2.36	2.92
26	2.59	5.10	3.29	3.71	4.97	4.86	3.43	2.74	2.77	2.74	2.37	2.74
27	2.60	4.20	3.28	3.69	4.51	4.52	3.32	2.68	2.92	---	2.35	2.61
28	2.61	3.70	3.70	3.64	4.08	4.30	3.22	2.65	3.82	2.66	2.33	2.55
29	2.61	3.49	5.84	3.61	---	5.33	3.15	3.35	3.32	2.57	2.40	2.51
30	2.63	3.39	5.67	4.06	---	7.80	3.09	4.16	3.01	2.53	2.46	2.48
31	2.64	---	4.39	4.54	---	6.86	---	3.23	---	2.49	2.46	---
MEAN	2.63	3.29	---	3.99	3.88	5.46	3.99	2.92	3.28	---	2.41	2.57
MAX	3.00	5.10	---	5.50	5.48	7.88	5.79	4.16	5.46	---	2.47	3.37
MIN	2.57	2.64	---	3.54	3.42	3.73	3.09	2.63	2.77	---	2.33	2.40

**OGEECHEE RIVER BASIN**  
**2001 Water Year**

**02202000 OGEECHEE RIVER AT SCARBORO, GA**

**LOCATION.**—Lat 32°42'38", long 81°52'46", Jenkins County, Hydrologic Unit 03060202, at abandoned highway bridge at Scarboro, 7.5 miles southeast of Millen.

**DRAINAGE AREA.**--1,940 mi<sup>2</sup>.

**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 sea level.

**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 ft<sup>3</sup>/s, October 1929 (Day Unknown)

**MAXIMUM FOR CURRENT YEAR.--**

**STAGE:** 8.90 feet, March 23

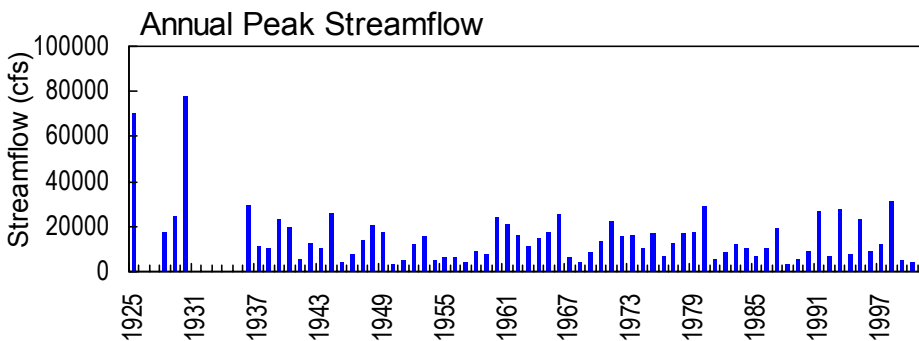
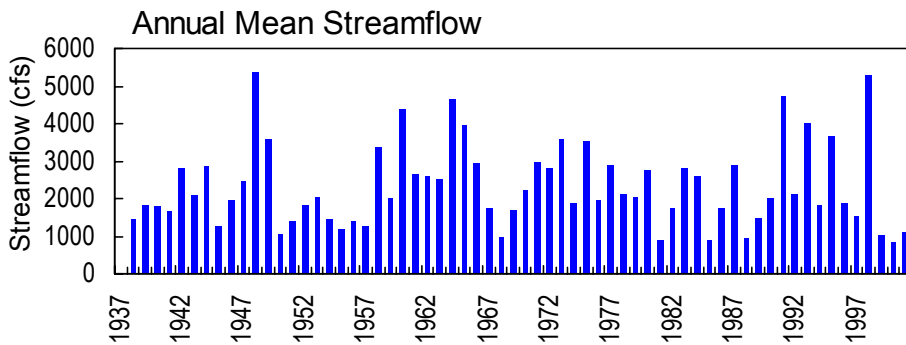
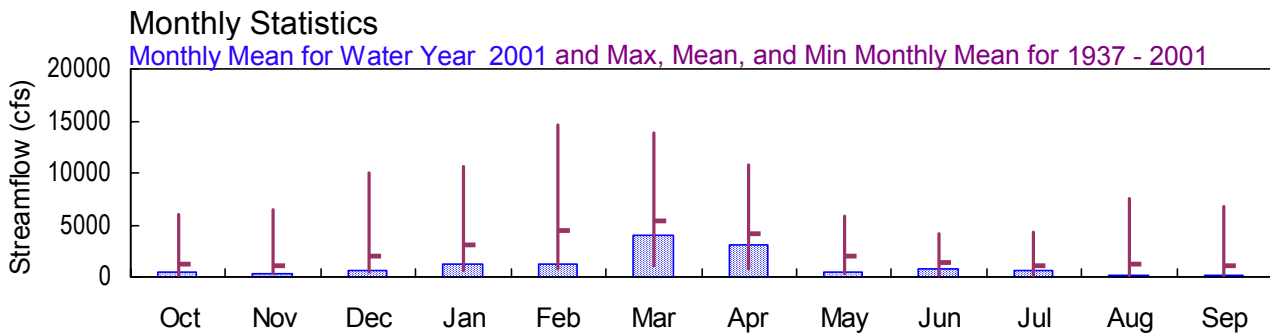
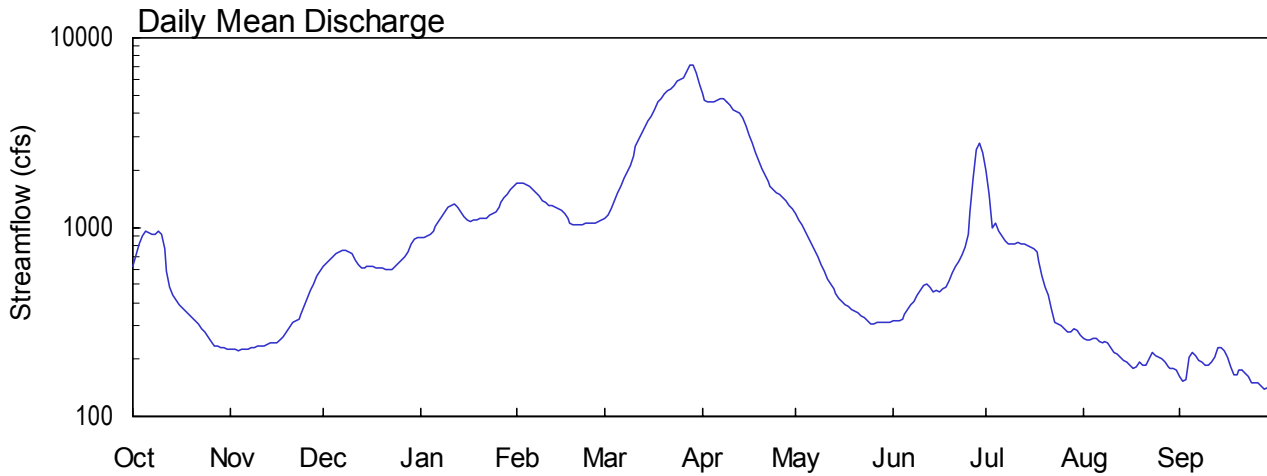
**DISCHARGE:** 6,560 ft<sup>3</sup>/s, March 23

# OGEECHEE RIVER BASIN

2001 Water Year

02202500 OGEECHEE RIVER NEAR EDEN, GA

Latitude: 32° 11' 29" Longitude: 81° 24' 58" Hydrologic Unit Code: 03060202 Effingham County  
 Drainage Area: 2650 mi<sup>2</sup> Datum: 19.64 feet Period of Record: 1937 - 2001



**OGEECHEE RIVER BASIN  
2001 Water Year**

**02202500 OGEECHEE RIVER NEAR EDEN, GA**

**LOCATION.**--Lat 32°11'29", long 81°24'58", Effingham-Bryan County line, Hydrologic Unit 03060202, on right bank 600 feet downstream from bridge on US Highway 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<sup>2</sup>, 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 19.64 feet above sea level (levels by U.S. Army Corps of Engineers). Prior to October 1, 1939, a non-recording gage was located at site 600 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<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 4,800 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.28	1415	7,290*	10.06*

No other peaks greater than base discharge

**OGEECHEE RIVER BASIN  
2001 Water Year**

**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 19.64 feet above sea level (levels by U.S. Army Corps of Engineers). Prior to October 1, 1939, a non-recording gage was located at site 600 feet upstream at same datum.

**REMARKS.**-- Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded 10.06 feet, March 28; minimum gage-height recorded -.08 feet, September 28.

STATION NUMBER 02202500 OGEECHEE RIVER NEAR EDEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321129 LONGITUDE 0812458 DRAINAGE AREA 2650 DATUM 19.64 STATE 13 COUNTY 103

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	617	226	620	887	1690	1120	5060	1190	321	2000	261	163
2	710	224	647	888	1710	1160	4680	1100	320	1490	253	153
3	811	225	670	902	1700	1240	4580	1020	319	983	252	156
4	900	223	695	925	1680	1370	4610	955	326	1050	259	205
5	945	224	722	960	1650	1510	4630	887	346	950	257	218
6	931	226	745	1010	1590	1650	4660	818	369	906	247	211
7	910	228	760	1070	1520	1800	4740	751	390	850	245	199
8	922	230	759	1140	1450	1940	4760	693	408	821	247	195
9	944	232	746	1210	1390	2120	4630	637	436	813	243	188
10	919	234	724	1270	1350	2370	4400	582	465	823	230	185
11	769	235	677	1310	1310	2660	4200	532	495	831	217	192
12	581	236	635	1320	1300	2890	4120	499	503	820	212	207
13	484	240	614	1270	1280	3130	4040	474	479	809	205	229
14	438	243	614	1200	1260	3350	3790	445	459	801	198	229
15	411	245	623	1130	1230	3610	3420	424	460	784	194	221
16	391	246	621	1090	1170	3890	3080	407	458	765	187	207
17	374	254	621	1070	1110	4200	2760	393	472	736	180	184
18	359	263	615	1090	1060	4580	2470	380	487	657	181	167
19	347	278	615	1100	1030	4780	2230	369	521	557	193	167
20	332	298	609	1120	1020	5030	2050	360	578	481	185	175
21	318	312	600	1120	1020	5300	1880	352	620	440	186	174
22	306	319	593	1120	1020	5330	1740	343	662	367	202	168
23	293	328	596	1150	1040	5600	1640	334	717	317	218	161
24	280	346	616	1180	1040	5930	1570	318	785	311	208	151
25	265	381	643	1210	1050	6070	1530	309	916	300	204	151
26	249	424	673	1280	1050	6160	1490	310	1210	290	201	150
27	237	465	704	1360	1070	6660	1440	314	1820	280	194	146
28	234	506	747	1440	1090	7200	1370	313	2560	279	182	139
29	232	549	816	1500	---	7130	1310	313	2760	291	180	141
30	229	589	862	1570	---	6530	1260	314	2460	283	179	156
31	228	---	884	1640	---	5740	---	317	---	271	177	---
TOTAL	15966	9029	21066	36532	35880	122050	94140	16453	23122	21356	6577	5388
MEAN	515	301	680	1178	1281	3937	3138	531	771	689	212	180
MAX	945	589	884	1640	1710	7200	5060	1190	2760	2000	261	229
MIN	228	223	593	887	1020	1120	1260	309	319	271	177	139
CFSM	.19	.11	.26	.44	.48	1.49	1.18	.20	.29	.26	.08	.07
IN.	.22	.13	.30	.51	.50	1.71	1.32	.23	.32	.30	.09	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	1200	1066	1945	3144	4397	5327	4192	1985	1328	1150	1263	1097																																																					
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	190	296	516	673	782	1051	835	294	129	142	205	138																																																					
(WY)	1982	1955	1955	1956	1989	1938	1985	2000	2000	2000	1999	1990																																																					

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1937 - 2001

ANNUAL TOTAL	294325	407559	
ANNUAL MEAN	804	1117	2324
HIGHEST ANNUAL MEAN			5370
LOWEST ANNUAL MEAN			845
HIGHEST DAILY MEAN	3930	Mar 28	7200
LOWEST DAILY MEAN	100	Jun 17	139
ANNUAL SEVEN-DAY MINIMUM	101	Jun 16	148
MAXIMUM PEAK FLOW			30900
MAXIMUM PEAK STAGE			15.15
INSTANTANEOUS LOW FLOW			96
ANNUAL RUNOFF (CFSM)	.30	.42	.88
ANNUAL RUNOFF (INCHES)	4.13	5.72	11.92
10 PERCENT EXCEEDS	2180	2810	5600
50 PERCENT EXCEEDS	401	637	1310
90 PERCENT EXCEEDS	138	202	380

STATISTICS COMPUTED BY: jkjoiner

DATE: 03/29/2002 AT: 08:53:48

STATION NUMBER 02202500 OGEECHEE RIVER NEAR EDEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321129 LONGITUDE 0812458 DRAINAGE AREA 2650 DATUM 19.64 STATE 13 COUNTY 103

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	1.65	.14	1.65	2.50	4.59	3.01	9.10	3.70	.39	5.71	.25	-.01
2	2.00	.13	1.76	2.48	4.64	3.14	8.86	3.45	.39	4.48	.23	-.04
3	2.37	.14	1.86	2.51	4.62	3.35	8.78	3.20	.38	3.00	.22	-.03
4	2.67	.13	1.96	2.57	4.57	3.68	8.80	2.98	.40	3.23	.25	.11
5	2.80	.13	2.07	2.67	4.49	4.07	8.83	2.73	.47	2.92	.25	.14
6	2.74	.14	2.16	2.80	4.33	4.49	8.85	2.47	.55	2.77	.22	.12
7	2.66	.15	2.22	2.97	4.10	4.85	8.92	2.20	.62	2.56	.21	.09
8	2.71	.15	2.21	3.17	3.88	5.15	8.93	1.96	.69	2.45	.23	.08
9	2.78	.16	2.16	3.34	3.72	5.51	8.83	1.72	.81	2.42	.22	.06
10	2.69	.17	2.07	3.48	3.63	5.99	8.64	1.48	.93	2.46	.17	.05
11	2.11	.17	1.87	3.56	3.55	6.49	8.49	1.26	1.05	2.50	.13	.08
12	1.31	.17	1.69	3.56	3.51	6.88	8.42	1.13	1.08	2.46	.12	.11
13	.91	.19	1.60	3.45	3.48	7.25	8.35	1.03	.98	2.42	.10	.18
14	.71	.20	1.60	3.26	3.43	7.56	8.14	.90	.90	2.39	.08	.18
15	.60	.20	1.64	3.05	3.33	7.87	7.80	.81	.91	2.33	.07	.15
16	.51	.20	1.63	2.92	3.17	8.15	7.39	.74	.90	2.25	.05	.11
17	.45	.23	1.63	2.88	3.00	8.44	6.94	.68	.96	2.14	.03	.05
18	.40	.26	1.60	2.92	2.85	8.77	6.50	.63	1.02	1.80	.03	.01
19	.36	.31	1.60	2.96	2.75	8.94	6.11	.59	1.16	1.37	.07	.00
20	.33	.38	1.58	3.02	2.70	9.09	5.74	.56	1.40	1.06	.04	.03
21	.30	.43	1.54	3.02	2.69	9.22	5.41	.53	1.58	.89	.05	.02
22	.28	.45	1.51	3.02	2.72	9.24	5.12	.50	1.76	.60	.09	.01
23	.26	.49	1.51	3.10	2.76	9.36	4.90	.47	2.00	.42	.13	-.01
24	.24	.54	1.58	3.18	2.77	9.52	4.72	.41	2.28	.40	.11	-.04
25	.21	.67	1.67	3.30	2.79	9.58	4.60	.37	2.77	.36	.11	-.03
26	.19	.84	1.78	3.46	2.82	9.62	4.48	.37	3.68	.33	.10	-.04
27	.18	1.01	1.88	3.65	2.86	9.83	4.33	.38	5.28	.29	.08	-.05
28	.17	1.18	2.04	3.85	2.92	10.03	4.17	.38	6.71	.29	.05	-.07
29	.16	1.35	2.30	4.04	---	10.01	4.04	.37	7.02	.34	.04	-.06
30	.15	1.52	2.45	4.26	---	9.77	3.90	.37	6.57	.31	.04	-.02
31	.15	---	2.51	4.46	---	9.43	---	.38	---	.27	.03	---
MEAN	1.13	.41	1.85	3.21	3.45	7.36	6.94	1.25	1.85	1.85	.12	.04
MAX	2.80	1.52	2.51	4.46	4.64	10.03	9.10	3.70	7.02	5.71	.25	.18
MIN	.15	.13	1.51	2.48	2.69	3.01	3.90	.37	.38	.27	.03	-.07

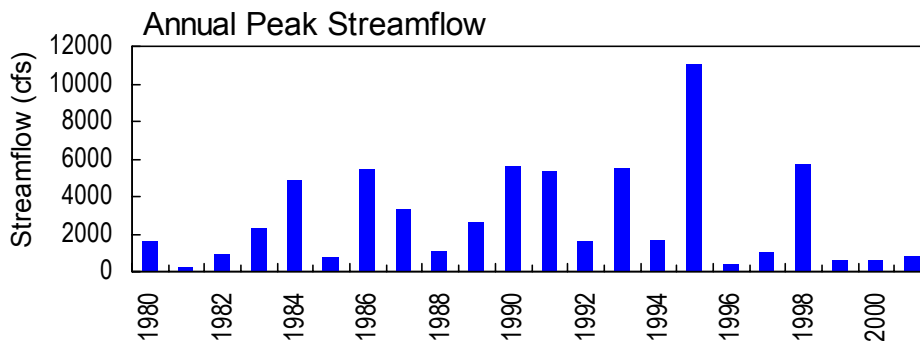
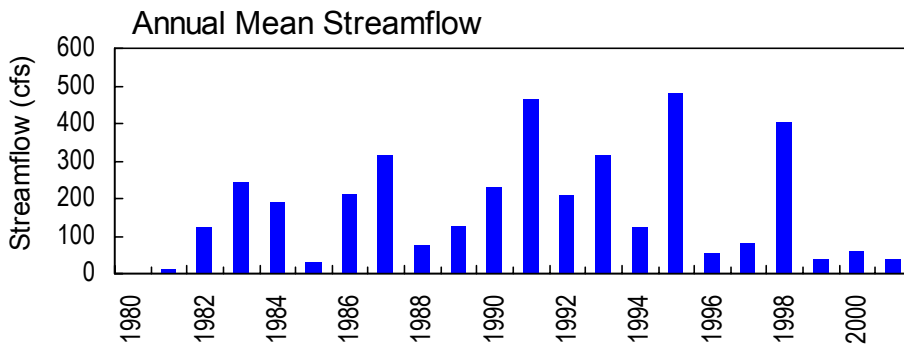
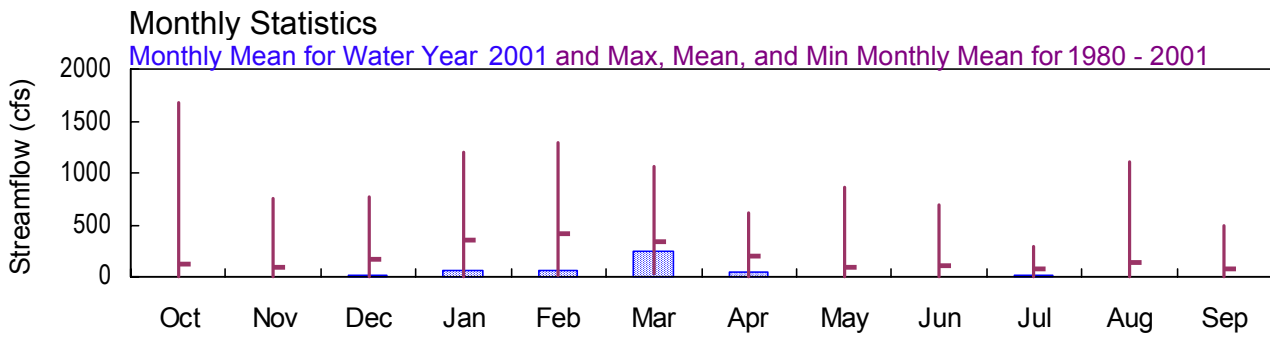
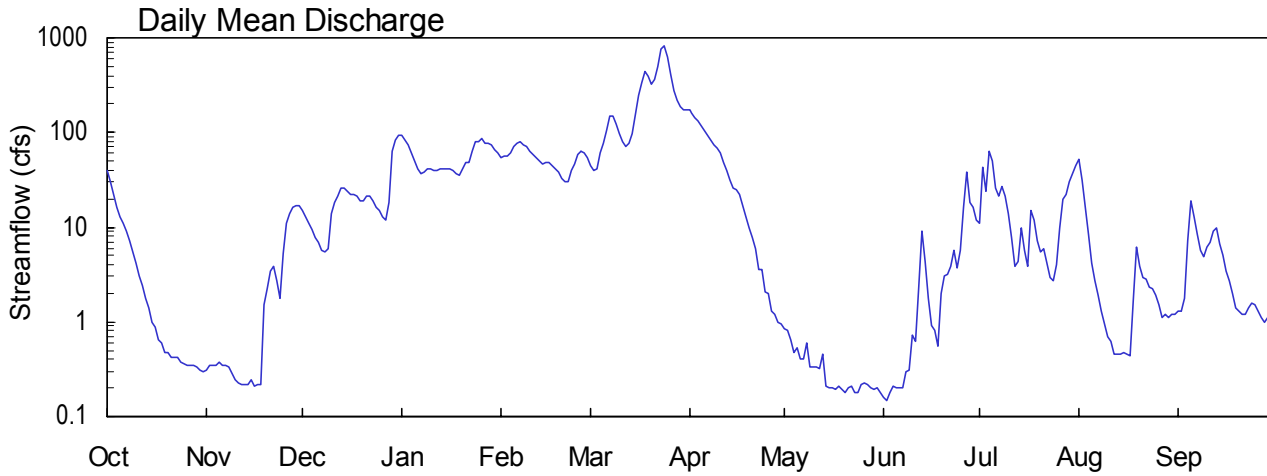


# OGEECHEE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 30 feet Period of Record: 1980 - 2001



**OGEECHEE RIVER BASIN  
2001 Water Year**

**02202600 BLACK CREEK NEAR BLITCHTON, GA**

**LOCATION.**--Lat 32°10'04", long 81°29'18", Bryan County, Hydrologic Unit 03060202, on upstream side of bridge on US Highway 280 (GA Highway 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<sup>2</sup>.

**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 30.0 feet above sea level (from topographic map).

**REMARKS.**--Records good, except those less than 2.0 ft<sup>3</sup>/s, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 900 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.24	0045	890*	8.58*

**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 sea level (from topographic map).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded 8.58 feet, March 24; minimum gage-height recorded 2.17 feet, January 2.

STATION NUMBER 02202600 BLACK CREEK NEAR BLITCHTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321004 LONGITUDE 0812918 DRAINAGE AREA 232.00 DATUM 30.00 STATE 13 COUNTY 029

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	40	.31	15	95	55	44	173	.84	.16	11	52	1.3
2	30	.35	13	84	56	39	161	.80	.15	43	32	1.3
3	22	.35	11	75	57	41	145	.64	.18	24	16	1.8
4	16	.35	9.3	62	60	60	133	.48	.21	63	8.4	7.1
5	13	.38	7.9	50	72	78	116	.53	.20	51	4.2	19
6	11	.35	6.8	42	76	107	103	.41	.20	26	2.7	13
7	8.9	.35	5.7	37	79	148	93	.41	.20	21	1.9	8.5
8	7.3	.34	5.5	38	75	150	84	.59	.30	27	1.3	5.7
9	5.5	.29	6.0	42	70	122	75	.33	.31	21	.95	4.8
10	4.1	.24	14	42	64	96	68	.34	.72	14	.69	6.2
11	3.0	.23	18	40	59	81	60	.34	.62	7.8	.62	6.9
12	2.4	.22	21	40	54	70	49	.32	2.3	3.9	.45	9.1
13	1.8	.22	26	41	50	78	39	.45	9.1	4.3	.46	9.8
14	1.4	.22	26	41	47	99	31	.21	4.4	9.8	.46	6.6
15	1.0	.24	24	42	48	155	26	.20	1.8	5.8	.48	5.0
16	.87	.21	22	41	48	247	25	.20	.91	3.8	.45	3.4
17	.65	.22	22	39	45	335	22	.19	.80	15	.44	2.7
18	.60	.22	21	37	42	436	17	.21	.55	12	1.7	2.0
19	.48	1.5	19	36	38	387	13	.19	2.0	7.1	6.1	1.4
20	.47	2.2	19	41	33	329	9.9	.18	3.1	5.4	3.9	1.3
21	.42	3.4	21	48	30	360	7.7	.20	3.2	5.9	2.9	1.2
22	.42	3.8	21	49	30	490	5.9	.21	3.8	4.1	2.8	1.2
23	.42	2.7	19	64	39	775	3.6	.18	5.7	2.9	2.3	1.4
24	.37	1.8	16	79	47	836	3.6	.18	3.7	2.7	2.2	1.6
25	.36	5.2	15	81	59	625	2.1	.22	5.7	4.0	1.9	1.5
26	.35	11	13	85	64	411	2.0	.23	16	10	1.5	1.3
27	.35	14	12	77	60	275	1.3	.22	38	20	1.1	1.1
28	.35	16	18	76	54	218	1.2	.20	18	22	1.2	1.0
29	.34	17	63	75	---	186	1.0	.19	16	30	1.1	1.1
30	.31	17	82	66	---	176	.95	.20	12	37	1.2	.93
31	.30	---	92	60	---	174	---	.18	---	44	1.2	---
TOTAL	174.46	100.69	684.2	1725	1511	7628	1472.25	10.07	150.31	558.5	154.60	129.23
MEAN	5.63	3.36	22.1	55.6	54.0	246	49.1	.32	5.01	18.0	4.99	4.31
MAX	40	17	92	95	79	836	173	.84	38	63	52	19
MIN	.30	.21	5.5	36	30	39	.95	.18	.15	2.7	.44	.93
CFSM	.02	.01	.10	.24	.23	1.06	.21	.00	.02	.08	.02	.02
IN.	.03	.02	.11	.28	.24	1.22	.24	.00	.02	.09	.02	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2001, BY WATER YEAR (WY)

MEAN	125	96.9	168	356	413	342	200	95.1	106	76.7	144	84.2
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	.80	1.90	2.14	2.96	11.8	28.8	6.78	.32	.24	.36	.63	.61
(WY)	1994	1981	1981	1981	1981	1985	1985	2001	2000	1990	1998	1990

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1980 - 2001

ANNUAL TOTAL	18275.04	14298.31	
ANNUAL MEAN	49.9	39.2	182
HIGHEST ANNUAL MEAN			480
LOWEST ANNUAL MEAN			13.3
HIGHEST DAILY MEAN	593	Feb 18	836
LOWEST DAILY MEAN	.09	Jul 6	.15
ANNUAL SEVEN-DAY MINIMUM	.09	Jul 17	.18
MAXIMUM PEAK FLOW			890
MAXIMUM PEAK STAGE			8.58
INSTANTANEOUS LOW FLOW			.00
ANNUAL RUNOFF (CFSM)	.22		.17
ANNUAL RUNOFF (INCHES)	2.93		2.29
10 PERCENT EXCEEDS	148		81
50 PERCENT EXCEEDS	10		7.9
90 PERCENT EXCEEDS	.16		.30

STATISTICS COMPUTED BY: jkjoiner

DATE: 03/29/2002 AT: 08:55:02

STATION NUMBER 02202600 BLACK CREEK NEAR BLITCHTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321004 LONGITUDE 0812918 DRAINAGE AREA 232.00 DATUM 30.00 STATE 13 COUNTY 029

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

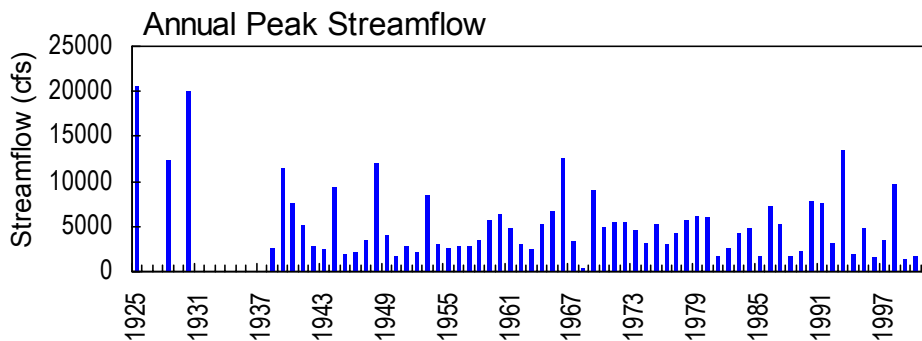
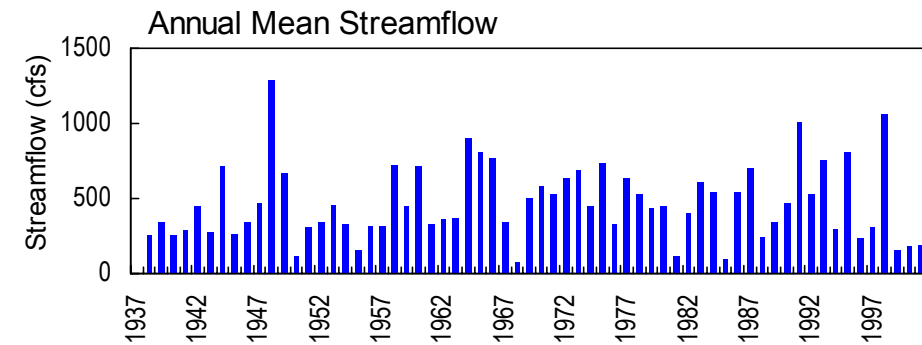
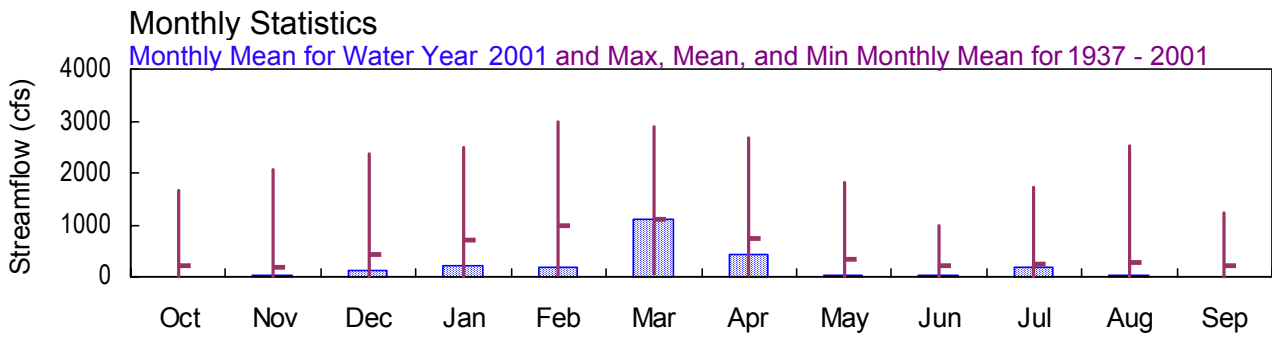
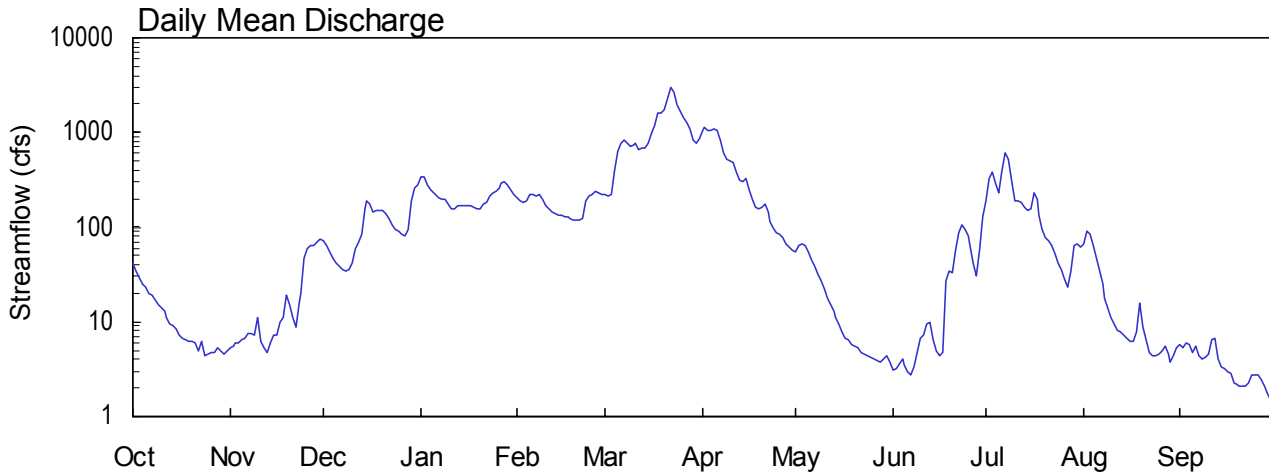
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.38	2.32	3.02	4.55	3.90	3.70	5.63	2.33	2.19	2.74	3.67	2.41
2	3.20	2.33	2.96	4.37	3.92	3.59	5.46	2.33	2.18	3.42	3.29	2.41
3	3.03	2.34	2.91	4.21	3.92	3.63	5.24	2.31	2.20	3.07	2.95	2.44
4	2.91	2.34	2.86	4.01	3.98	3.97	5.06	2.29	2.21	3.80	2.75	2.66
5	2.85	2.35	2.82	3.82	4.21	4.28	4.79	2.30	2.21	3.58	2.60	2.96
6	2.78	2.34	2.78	3.68	4.28	4.77	4.56	2.27	2.21	3.12	2.53	2.82
7	2.73	2.35	2.74	3.60	4.32	5.37	4.38	2.27	2.21	3.03	2.48	2.70
8	2.68	2.35	2.73	3.63	4.26	5.39	4.20	2.29	2.24	3.14	2.44	2.60
9	2.61	2.33	2.75	3.71	4.17	4.99	4.02	2.26	2.25	3.04	2.41	2.57
10	2.56	2.33	2.98	3.70	4.07	4.57	3.90	2.26	2.30	2.88	2.39	2.62
11	2.50	2.32	3.09	3.68	3.96	4.28	3.74	2.26	2.31	2.72	2.38	2.64
12	2.47	2.32	3.14	3.67	3.87	4.07	3.53	2.25	2.41	2.58	2.35	2.71
13	2.44	2.32	3.26	3.69	3.81	4.20	3.34	2.28	2.70	2.59	2.35	2.73
14	2.41	2.33	3.24	3.70	3.75	4.58	3.19	2.21	2.54	2.79	2.36	2.63
15	2.38	2.34	3.21	3.71	3.76	5.40	3.08	2.21	2.41	2.66	2.36	2.57
16	2.37	2.32	3.16	3.70	3.76	6.46	3.07	2.21	2.34	2.58	2.35	2.50
17	2.34	2.34	3.17	3.65	3.71	7.04	3.01	2.20	2.33	2.93	2.35	2.47
18	2.34	2.34	3.15	3.61	3.65	7.44	2.89	2.21	2.30	2.87	2.42	2.42
19	2.32	2.47	3.11	3.59	3.56	7.25	2.80	2.20	2.38	2.71	2.65	2.39
20	2.32	2.55	3.10	3.69	3.48	7.02	2.72	2.20	2.48	2.65	2.56	2.38
21	2.32	2.62	3.15	3.81	3.42	7.14	2.65	2.21	2.48	2.67	2.51	2.38
22	2.32	2.64	3.14	3.82	3.41	7.61	2.59	2.21	2.51	2.59	2.50	2.37
23	2.32	2.59	3.09	4.09	3.59	8.33	2.49	2.20	2.59	2.54	2.48	2.39
24	2.31	2.54	3.04	4.34	3.75	8.47	2.49	2.20	2.50	2.53	2.47	2.40
25	2.31	2.71	3.00	4.36	3.96	7.99	2.41	2.21	2.56	2.58	2.45	2.40
26	2.31	2.90	2.97	4.42	4.07	7.34	2.41	2.22	2.89	2.80	2.42	2.38
27	2.32	2.98	2.94	4.29	4.00	6.70	2.36	2.22	3.33	3.03	2.40	2.37
28	2.32	3.04	3.08	4.28	3.88	6.18	2.35	2.21	2.94	3.10	2.40	2.36
29	2.32	3.07	3.96	4.25	---	5.80	2.35	2.20	2.89	3.24	2.40	2.36
30	2.31	3.05	4.31	4.10	---	5.67	2.34	2.21	2.78	3.38	2.40	2.35
31	2.32	---	4.50	4.00	---	5.64	---	2.20	---	3.52	2.40	---
MEAN	2.52	2.51	3.14	3.93	3.87	5.77	3.44	2.24	2.46	2.93	2.53	2.51
MAX	3.38	3.07	4.50	4.55	4.32	8.47	5.63	2.33	3.33	3.80	3.67	2.96
MIN	2.31	2.32	2.73	3.59	3.41	3.59	2.34	2.20	2.18	2.53	2.35	2.35

# OGEECHEE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 80.5 feet Period of Record: 1937 - 2001



**OGEECHEE RIVER BASIN  
2001 Water Year**

**02203000 CANOOCHEE RIVER NEAR CLAXTON, GA**

**LOCATION.**--Lat 32°11'05", long 81°53'20", Evans County, Hydrologic Unit 03060203, on right bank 400 feet upstream from bridge on GA Highway 73, 1.9 miles northeast of Claxton, and 10.0 miles upstream from Lotts Creek.

**DRAINAGE AREA.**--555 mi<sup>2</sup>, 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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.22	1545	3180*	11.64*

No other peaks above base discharge

**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 sea level (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 11.64 feet, March 22; minimum gage-height recorded 1.04 feet, October 24.

STATION NUMBER 02203000 CANOOCHEE RIVER NEAR CLAXTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321105 LONGITUDE 0815320 DRAINAGE AREA 555.00 DATUM 80.50 STATE 13 COUNTY 109

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	42	5.3	71	341	204	218	1030	55	3.1	191	66	5.7
2	34	5.5	63	334	189	216	1130	64	3.2	330	92	5.4
3	29	5.9	55	284	182	222	1060	67	3.6	384	85	5.9
4	25	6.0	47	249	191	401	1060	63	4.1	296	64	5.7
5	23	6.5	42	234	219	631	1110	54	3.5	233	47	4.7
6	20	6.8	38	222	221	760	1040	45	3.0	405	34	5.6
7	19	7.4	36	207	216	824	831	38	2.8	620	25	4.4
8	17	7.5	34	197	218	759	620	32	3.3	523	18	4.0
9	15	7.3	36	194	196	708	516	27	4.8	310	14	4.2
10	14	11	41	173	171	747	510	22	6.8	188	11	4.6
11	13	6.3	60	157	156	762	480	18	7.2	192	9.6	6.4
12	11	5.4	68	158	146	669	381	15	9.5	184	8.3	6.6
13	9.7	4.8	83	170	138	676	313	13	10	161	7.8	4.1
14	9.2	6.0	156	171	133	688	302	11	6.4	152	7.2	3.4
15	8.4	7.2	191	169	132	761	321	9.7	4.9	155	6.7	3.2
16	7.2	7.2	174	170	129	978	253	7.8	4.3	233	6.3	3.0
17	6.6	9.8	147	169	127	1180	194	6.7	4.8	198	6.1	2.9
18	6.4	11	152	164	125	1590	162	6.5	27	132	7.8	2.3
19	6.1	19	152	155	121	1630	155	5.7	35	95	16	2.2
20	6.3	15	152	156	118	1750	164	5.5	33	78	8.7	2.1
21	5.9	11	140	177	117	2270	179	5.4	58	73	6.5	2.1
22	5.0	8.7	123	183	125	3040	143	4.8	86	64	4.8	2.1
23	6.1	16	107	211	190	2680	115	4.6	107	53	4.3	2.3
24	4.4	20	96	228	213	1990	98	4.3	93	41	4.3	2.8
25	4.6	47	89	236	218	1670	86	4.2	82	36	4.6	2.8
26	4.8	60	83	258	242	1450	84	4.0	63	28	5.0	2.8
27	4.8	65	81	290	233	1260	78	3.9	42	23	5.5	2.4
28	5.3	63	93	302	223	1080	67	3.8	30	35	4.6	2.1
29	5.0	69	193	280	---	831	62	4.1	58	64	3.7	1.7
30	4.5	76	259	245	---	784	56	4.3	131	67	4.4	1.5
31	4.9	---	283	223	---	867	---	3.8	---	61	5.4	---
TOTAL	377.2	596.6	3345	6707	4893	34092	12600	613.1	930.3	5605	593.6	109.0
MEAN	12.2	19.9	108	216	175	1100	420	19.8	31.0	181	19.1	3.63
MAX	42	76	283	341	242	3040	1130	67	131	620	92	6.6
MIN	4.4	4.8	34	155	117	216	56	3.8	2.8	23	3.7	1.5
CFSM	.02	.04	.19	.39	.31	1.98	.76	.04	.06	.33	.03	.01
IN.	.03	.04	.22	.45	.33	2.29	.84	.04	.06	.38	.04	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	219	200	420	705	976	1119	738	329	226	238	263	215																																																					
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	3.02	4.98	5.44	43.2	52.6	45.7	5.88	4.32	1.56	1.53	1.20																																																					
(WY)	1955	1955	1955	1955	1950	1955	1968	1985	1950	1986	1954	1993																																																					

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1937 - 2001

ANNUAL TOTAL	62106.8	70461.8	
ANNUAL MEAN	170	193	467
HIGHEST ANNUAL MEAN			1283
LOWEST ANNUAL MEAN			77.7
HIGHEST DAILY MEAN	1830	Mar 24	12400
LOWEST DAILY MEAN	3.3	Jun 16	.54
ANNUAL SEVEN-DAY MINIMUM	3.7	Jul 16	.63
MAXIMUM PEAK FLOW			13500
MAXIMUM PEAK STAGE			16.60
INSTANTANEOUS LOW FLOW			.48
ANNUAL RUNOFF (CFSM)	.31		.84
ANNUAL RUNOFF (INCHES)	4.16		11.43
10 PERCENT EXCEEDS	563		1310
50 PERCENT EXCEEDS	28		155
90 PERCENT EXCEEDS	5.1		6.6

STATISTICS COMPUTED BY: jkjoiner

DATE: 03/29/2002 AT: 08:56:26

STATION NUMBER 02203000 CANOOCHEE RIVER NEAR CLAXTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321105 LONGITUDE 0815320 DRAINAGE AREA 555.00 DATUM 80.50 STATE 13 COUNTY 109

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	1.59	1.09	1.78	3.50	2.58	2.67	7.49	1.67	1.09	2.50	1.75	1.19
2	1.53	1.10	1.73	3.46	2.48	2.66	7.95	1.73	1.10	3.43	1.91	1.18
3	1.48	1.11	1.67	3.12	2.43	2.70	7.63	1.76	1.11	3.78	1.87	1.19
4	1.43	1.11	1.62	2.88	2.49	3.89	7.63	1.72	1.13	3.20	1.73	1.19
5	1.39	1.12	1.59	2.78	2.68	5.37	7.83	1.67	1.11	2.77	1.62	1.16
6	1.36	1.13	1.56	2.70	2.69	6.14	7.53	1.61	1.09	3.91	1.53	1.19
7	1.33	1.14	1.54	2.60	2.66	6.47	6.50	1.56	1.08	5.30	1.44	1.16
8	1.29	1.15	1.53	2.53	2.67	6.13	5.30	1.51	1.10	4.68	1.38	1.14
9	1.27	1.14	1.54	2.51	2.52	5.84	4.63	1.46	1.15	3.29	1.33	1.15
10	1.25	1.21	1.58	2.38	2.37	6.06	4.60	1.42	1.20	2.47	1.28	1.16
11	1.23	1.12	1.71	2.28	2.27	6.15	4.40	1.38	1.21	2.50	1.25	1.20
12	1.21	1.10	1.76	2.29	2.22	5.60	3.76	1.34	1.26	2.45	1.23	1.22
13	1.18	1.08	1.85	2.36	2.17	5.65	3.31	1.31	1.27	2.31	1.21	1.16
14	1.17	1.11	2.28	2.37	2.14	5.72	3.24	1.28	1.19	2.25	1.20	1.13
15	1.16	1.14	2.49	2.35	2.14	6.13	3.37	1.25	1.15	2.27	1.19	1.13
16	1.13	1.14	2.39	2.36	2.12	7.23	2.91	1.21	1.13	2.77	1.18	1.12
17	1.12	1.19	2.22	2.35	2.11	8.11	2.51	1.19	1.15	2.54	1.17	1.11
18	1.11	1.21	2.25	2.32	2.10	9.30	2.31	1.19	1.47	2.14	1.20	1.10
19	1.10	1.35	2.26	2.27	2.08	9.41	2.27	1.16	1.54	1.93	1.34	1.09
20	1.11	1.28	2.25	2.28	2.06	9.67	2.32	1.16	1.52	1.83	1.23	1.09
21	1.10	1.21	2.18	2.40	2.06	10.58	2.41	1.16	1.70	1.79	1.18	1.09
22	1.07	1.17	2.09	2.44	2.10	11.49	2.20	1.15	1.87	1.73	1.15	1.09
23	1.10	1.30	2.00	2.62	2.49	11.09	2.05	1.14	2.00	1.66	1.13	1.10
24	1.06	1.35	1.94	2.74	2.64	10.16	1.95	1.13	1.92	1.58	1.13	1.12
25	1.06	1.62	1.89	2.79	2.67	9.51	1.87	1.13	1.85	1.54	1.14	1.13
26	1.07	1.71	1.86	2.95	2.84	8.96	1.86	1.12	1.73	1.48	1.15	1.13
27	1.07	1.74	1.84	3.16	2.78	8.44	1.82	1.12	1.59	1.42	1.17	1.11
28	1.08	1.73	1.92	3.25	2.71	7.70	1.76	1.12	1.49	1.52	1.14	1.10
29	1.07	1.77	2.50	3.10	---	6.50	1.72	1.13	1.67	1.73	1.13	1.08
30	1.06	1.81	2.95	2.86	---	6.26	1.68	1.13	2.14	1.76	1.15	1.07
31	1.08	---	3.11	2.70	---	6.69	---	1.12	---	1.71	1.18	---
MEAN	1.20	1.28	2.00	2.67	2.40	7.04	3.89	1.32	1.40	2.46	1.31	1.14
MAX	1.59	1.81	3.11	3.50	2.84	11.49	7.95	1.76	2.14	5.30	1.91	1.22
MIN	1.06	1.08	1.53	2.27	2.06	2.66	1.68	1.12	1.08	1.42	1.13	1.07



**OGEECHEE RIVER BASIN  
2001 Water Year**

**022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA**

**LOCATION.**—Lat 31°27'12", Long 81°21'47", McIntosh County, Hydrologic unit 03060204, 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.**—Not determined.

**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 September 30, 2001.

**GAGE.**— Satellite telemetry with a continuous water-quality sonde and vented pressure sensor.

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.** —Maximum gage-height recorded, 15.70 feet, September 16; minimum gage-height recorded 3.07 feet, March 7.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—October 2000 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 312712 LONGITUDE 0812146 DATUM STATE 13 COUNTY 191

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	---	10.06	9.41	8.38	8.24	9.38	8.22	9.48	9.60	9.47	10.44	9.26
2	---	10.00	9.79	8.33	---	---	8.84	---	9.11	9.24	9.98	9.40
3	---	9.91	10.28	8.69	8.45	---	8.96	9.52	9.09	9.45	9.56	9.77
4	---	9.92	---	8.66	9.05	8.64	9.28	9.57	9.13	9.35	9.43	9.77
5	---	10.17	---	8.64	8.88	7.35	10.07	9.61	9.02	8.86	9.33	9.54
6	9.59	10.50	---	8.39	8.41	7.52	---	9.59	8.86	8.74	9.33	9.73
7	9.89	10.00	---	8.77	8.67	8.72	9.03	10.62	8.88	9.21	9.40	10.25
8	10.31	9.95	9.10	8.64	8.64	9.20	---	10.19	---	9.34	9.32	10.17
9	10.40	10.12	9.01	8.05	8.75	9.07	9.00	9.72	9.15	9.07	9.21	---
10	10.10	9.58	9.54	8.67	8.41	9.45	---	9.42	9.20	9.34	9.03	9.54
11	9.80	10.38	9.37	8.80	8.84	9.53	9.30	9.30	9.40	9.30	8.75	9.58
12	9.84	10.39	9.06	8.88	9.54	9.10	9.24	9.06	9.32	9.13	8.79	10.22
13	10.01	10.18	9.62	9.64	8.99	8.55	8.78	9.23	8.82	9.52	8.80	10.69
14	9.95	9.66	9.34	9.90	8.81	8.27	9.11	9.83	8.79	10.14	8.77	11.35
15	9.79	9.74	8.96	9.27	8.83	8.68	9.36	9.59	8.92	9.57	9.48	11.68
16	9.79	9.78	9.64	8.94	8.78	8.75	9.08	9.70	8.78	9.58	9.87	11.14
17	9.92	9.48	8.04	9.06	8.75	8.32	8.93	10.20	9.38	9.67	9.69	10.50
18	9.91	9.57	8.36	9.40	9.36	9.02	9.16	10.04	9.74	9.56	9.39	10.31
19	10.00	10.31	8.53	9.30	9.54	10.63	---	9.55	9.59	9.41	9.12	10.08
20	10.12	9.95	7.83	8.17	8.97	10.85	9.11	9.54	9.47	9.59	9.02	---
21	10.05	8.82	8.55	7.88	8.65	---	8.94	9.66	9.34	---	9.07	---
22	10.04	9.21	8.32	8.77	8.84	8.90	8.79	9.40	9.13	10.74	9.38	9.91
23	10.70	9.25	8.80	9.29	9.24	9.36	8.87	9.41	9.06	10.02	9.45	9.95
24	10.71	9.74	8.87	9.22	9.36	9.15	8.76	9.56	9.25	9.18	---	9.87
25	10.53	9.88	---	8.57	9.13	8.91	8.63	9.34	9.51	9.30	9.60	9.68
26	10.55	9.18	9.26	9.07	8.71	9.04	9.29	9.31	9.47	9.23	9.97	9.71
27	10.34	8.96	8.91	8.67	8.96	9.05	9.09	9.30	9.35	---	9.76	9.94
28	10.07	8.97	9.16	8.62	9.12	9.80	8.97	9.02	9.44	9.44	9.40	10.11
29	10.33	9.07	9.82	8.89	---	9.53	9.30	---	9.65	9.64	9.28	10.93
30	10.15	8.88	8.31	8.58	---	8.76	9.49	9.43	9.62	9.10	---	10.63
31	9.98	---	8.06	8.21	---	8.74	---	9.52	---	10.22	9.43	---
MEAN	---	9.72	---	8.79	---	---	---	---	---	---	---	---
MAX	---	10.50	---	9.90	---	---	---	---	---	---	---	---
MIN	---	8.82	---	7.88	---	---	---	---	---	---	---	---

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 312712 LONGITUDE 0812146 DATUM STATE 13 COUNTY 191

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	---	.00	.00	.00	.00	.00	.00	.00	.01	.11	.61	.16
2	---	.00	.03	.00	.00	.00	.00	.00	.03	.00	.05	.01
3	---	.00	.00	.00	.00	.00	.11	.00	.05	.00	.02	.26
4	---	.00	---	.00	.07	.11	.00	.00	.00	.41	.00	.10
5	---	.00	---	.00	.00	.00	.00	.00	.00	.08	.84	.23
6	.35	.00	---	.00	.00	.00	.00	.00	.00	.00	.00	.17
7	.00	.00	.00	.00	.00	.00	.00	.00	.89	.00	.00	1.37
8	.00	.00	.00	.07	.00	.00	.00	.00	.07	.01	.02	.13
9	.00	.00	.02	.00	.00	.02	.00	.00	.11	.00	.00	.16
10	.00	.00	.01	.00	.04	.00	.00	.00	.06	.00	1.04	.83
11	.00	.00	.00	.00	.00	.00	.00	.00	1.86	.00	.01	.14
12	.00	.00	.00	.01	.00	.10	.00	.01	2.15	.96	.00	2.27
13	.00	.00	.00	.00	.00	.07	.00	.00	.23	.28	.00	1.04
14	.00	.24	.09	.00	.00	.00	.00	.00	.97	.01	.94	.45
15	.00	.00	.00	.00	.00	.03	.13	.00	.10	.00	.00	.00
16	.00	.01	.00	.00	.00	---	.00	.00	.00	.00	.00	.00
17	.00	.10	.02	.00	.00	.05	.00	.00	.05	.00	.00	.00
18	.00	.00	.00	.00	.00	.72	.00	.00	.00	.00	.50	.00
19	.00	.48	.00	.01	.00	.44	.00	.00	.77	.00	.09	.00
20	.00	.00	.00	.05	.00	.80	.00	.00	.02	.19	.01	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.30	.34	.00	.60
22	.00	.00	.00	.00	.00	.00	.00	.03	.27	.47	.00	.01
23	.01	.00	.00	.14	.00	.00	.00	.00	.00	.39	.00	.16
24	.00	.21	.00	.00	.00	.00	.07	.00	.80	.23	.27	.28
25	.00	.84	.00	.00	.03	.02	.35	.00	.17	.00	.00	.00
26	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.33	.58	.00	.00	.00
28	.00	.00	.16	.00	.00	.02	.00	.02	.00	.00	.00	.00
29	.00	.00	.00	.01	---	.31	.00	.97	.15	.01	.00	.00
30	.00	.00	.00	.00	---	.01	.00	.00	.00	.23	.00	.00
31	.00	---	.00	.07	---	.01	---	.00	---	.00	.08	---
TOTAL	---	1.89	---	0.36	0.14	---	0.66	1.36	9.64	3.72	4.48	8.37

**OGEECHEE RIVER BASIN**  
**2001 Water Year**

**022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA**

**LOCATION.**—Lat 31°27'12", Long 81°21'47", McIntosh County, Hydrologic unit 03060204, 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.**—Not determined.

**COOPERATION.**—Sapelo Island National Estuarine Research Reserve; Georgia Wildlife Resources Division; University of Georgia Marine Institute.

**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.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records fair, except dissolved oxygen which is poor.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 47,100 microsiemens, September 16; minimum recorded, 18,500 microsiemens, April 8,9.

**pH:** Maximum recorded, 8.1, on several days in January; minimum recorded, 7.0 on several days in the 2001 water year.

**WATER TEMPERATURE:** Maximum recorded, 32.7°C, August 18; minimum recorded, 5.0°C, January 4.

**DISSOLVED OXYGEN:** Maximum recorded, 10.9 mg/L, January 17,18; minimum recorded, 1.2 mg/L, August 20.

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 312712 LONGITUDE 0812146 DATUM STATE 13 COUNTY 191

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 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 312712 LONGITUDE 0812146 DATUM STATE 13 COUNTY 191

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	42100	41600	41800	28000	25200	26800	35900	34900	35400
2	---	---	---	42300	41900	42000	32000	28000	28900	36200	35000	35600
3	41900	41200	41700	42400	41900	42100	29800	26900	28600	36400	34900	35800
4	42500	41000	41500	42400	41000	41600	28800	25300	27300	37000	34900	36000
5	42500	41000	41500	41600	40800	41400	29200	24700	26700	38200	35500	36300
6	42300	40500	41400	41900	40800	41600	26900	21200	25200	39200	35500	36600
7	42600	40200	41200	43500	41600	42200	25200	19000	23000	39800	36300	37400
8	42500	39500	40700	45000	41600	42600	23200	18500	21400	40400	36900	38100
9	41700	39000	40100	44600	40400	42300	23500	18500	20900	40300	37500	38500
10	40000	36300	39100	43900	39700	41600	23700	18800	20500	40200	38200	38700
11	39900	38500	39000	42300	39600	41000	23800	19200	20700	40000	38500	39000
12	41000	39100	39600	40800	38800	39900	23800	20100	21100	40400	38700	39200
13	40800	39400	39800	39300	36400	37900	25700	20900	22100	40500	38900	39500
14	40400	39500	39800	38100	35900	37200	29900	22000	24700	40900	39300	39900
15	40400	38900	39800	37400	35000	36500	33800	24200	28100	40800	39500	40100
16	40500	38900	39900	38000	35900	36500	35600	27300	31500	41500	39700	40400
17	40700	39800	40200	37000	35000	36200	38100	30600	34300	42600	40300	41200
18	41700	40000	40700	37900	35900	36500	40100	33500	37000	42900	41000	41800
19	42200	40400	41100	40100	36000	37900	40200	35000	37500	42900	41400	42100
20	42200	40700	41200	41100	35900	37600	40100	35600	38000	43100	41900	42400
21	42100	40900	41400	38000	35900	36500	38800	36300	37500	43200	42300	42700
22	42300	41000	41600	36600	35000	36000	37600	35200	36800	43500	42300	42700
23	42500	41200	41800	36300	34000	35600	37000	34300	36000	44300	42400	43000
24	42500	41500	41900	36100	31300	34500	36600	33800	35400	44500	42600	43100
25	42400	41400	41800	35200	30900	33100	35900	33500	34700	45000	42600	43400
26	41800	41500	41600	34100	29600	32500	35500	33200	34300	44800	43100	43600
27	41900	41600	41600	33600	28900	31600	35900	33400	34400	44800	42900	43600
28	41900	41600	41700	32200	27800	30400	35900	33800	34500	44400	43300	43600
29	---	---	---	31200	24200	29000	35400	34400	34700	44300	41800	43300
30	---	---	---	29800	22800	27000	35500	34600	35000	43900	42200	43100
31	---	---	---	28100	23300	26000	---	---	---	43900	42800	43300
MONTH	---	---	---	45000	22800	37100	40200	18500	29900	45000	34900	40300

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 312712 LONGITUDE 0812146 DATUM STATE 13 COUNTY 191

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	44000	42300	43000	36400	33200	34900	43000	40300	41500	45700	45000	45300
2	43200	42400	42700	35600	32200	34200	42300	40400	41200	45500	44800	45100
3	43400	42600	42900	35400	32800	34100	42900	40500	41600	45600	44900	45200
4	43200	42300	42900	34600	33000	34000	43100	41400	42100	45500	44400	44900
5	43200	42200	42900	35100	33000	33700	43000	40600	42000	45200	44500	44800
6	43100	42500	42900	37200	33500	34400	42100	39900	41200	44800	44100	44400
7	43400	41700	42900	37900	34500	35500	42000	40400	41300	45100	38800	43800
8	43300	40800	42200	38900	35100	36300	42200	40700	41400	44900	38800	43800
9	43600	41100	42100	40200	35600	37000	42100	41000	41500	45000	43700	44200
10	43800	41300	42100	40600	36500	38100	42300	41300	41700	44800	42900	43800
11	43800	37800	42000	41000	37200	39000	41900	39900	40900	44800	42700	43600
12	43000	33200	37500	41300	37200	39200	42200	39600	41000	44600	40200	43000
13	40200	33700	37100	41800	37400	39500	42500	40100	41200	44100	38700	41700
14	40400	34300	37800	42400	38500	40400	42800	39300	41200	44800	38400	41400
15	40900	35500	38200	41600	38900	40200	43600	39300	41000	45500	39900	42600
16	41900	36500	39100	41700	39300	40400	43900	39900	41400	47100	41000	43700
17	43000	37700	40100	42000	39700	40600	45900	40500	42300	46200	42300	44100
18	43500	38400	40700	41900	39900	40600	46400	41900	43000	46000	42200	43700
19	43500	39400	40900	42200	39300	40500	45400	40700	42300	45600	42200	43800
20	43500	39400	40800	44300	39200	40800	45500	41400	42400	45500	42400	44000
21	43500	39500	40900	42700	39700	40800	44500	41400	42500	43800	41100	42700
22	43100	39800	40700	44500	39500	40900	43900	41900	42600	42800	40500	41600
23	42800	39300	40400	42700	38900	40400	43700	42100	42700	43000	40800	41700
24	41600	37600	39800	42200	38500	39800	---	---	---	42600	39900	41200
25	41500	38500	39300	41400	38800	39700	44300	42700	43400	42100	39600	40700
26	40700	38000	39000	40500	39300	39800	45000	43100	43800	42800	39800	41200
27	39200	37000	38200	---	---	---	45100	43400	44000	43300	40000	41600
28	37700	36000	37000	41200	40100	40500	45000	43700	44100	44000	40400	42100
29	37600	34900	36400	42000	40400	40900	45000	43900	44300	44800	40800	43000
30	37000	33700	35700	42300	40400	41000	---	---	---	45600	41900	43500
31	---	---	---	43000	40400	41400	45700	44800	45200	---	---	---
MONTH	44000	33200	40300	---	---	---	---	---	---	47100	38400	43200

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 312712 LONGITUDE 0812146 DATUM STATE 13 COUNTY 191

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	7.9	7.7	7.8	7.9	7.7	7.8
2	---	---	---	---	---	---	7.9	7.7	7.8	7.9	7.7	7.8
3	---	---	---	7.7	7.5	7.6	7.9	7.7	7.8	8.0	7.8	7.9
4	---	---	---	7.6	7.5	7.6	---	---	---	8.1	7.9	8.0
5	---	---	---	7.7	7.4	7.5	---	---	---	8.1	7.9	8.0
6	---	---	---	7.6	7.4	7.5	---	---	---	8.1	7.9	8.0
7	---	---	---	7.6	7.3	7.5	7.9	7.7	7.8	8.1	7.9	8.0
8	---	---	---	7.6	7.3	7.5	7.9	7.6	7.8	8.1	7.9	8.0
9	---	---	---	7.6	7.3	7.5	7.9	7.6	7.7	8.1	7.8	8.0
10	---	---	---	7.6	7.3	7.5	7.9	7.6	7.7	8.1	7.9	8.0
11	---	---	---	7.7	7.4	7.5	7.8	7.5	7.6	8.1	7.9	8.0
12	---	---	---	7.7	7.4	7.5	7.8	7.5	7.6	8.1	7.9	8.0
13	---	---	---	7.7	7.4	7.5	7.8	7.4	7.6	8.0	7.8	8.0
14	---	---	---	7.6	7.4	7.5	7.7	7.5	7.6	8.0	7.8	8.0
15	---	---	---	7.7	7.4	7.6	7.7	7.4	7.6	8.0	7.8	8.0
16	---	---	---	7.7	7.5	7.6	7.7	7.4	7.6	8.0	7.8	8.0
17	---	---	---	7.7	7.5	7.6	7.6	7.5	7.6	8.1	7.9	8.0
18	---	---	---	7.7	7.5	7.6	7.7	7.6	7.6	8.0	7.8	7.9
19	---	---	---	7.7	7.5	7.6	7.7	7.5	7.6	8.0	7.8	7.9
20	---	---	---	7.7	7.4	7.6	7.7	7.5	7.6	8.0	7.6	7.8
21	---	---	---	7.7	7.5	7.6	7.8	7.6	7.7	8.0	7.7	7.8
22	---	---	---	7.8	7.6	7.7	7.8	7.6	7.7	8.0	7.7	7.8
23	---	---	---	7.8	7.6	7.7	7.8	7.6	7.7	8.0	7.7	7.8
24	---	---	---	7.8	7.6	7.7	7.8	7.6	7.7	8.0	7.7	7.8
25	---	---	---	7.8	7.5	7.7	7.8	7.6	7.7	7.9	7.7	7.8
26	---	---	---	7.8	7.5	7.6	7.8	7.7	7.7	8.0	7.7	7.9
27	---	---	---	7.8	7.5	7.6	7.8	7.7	7.8	7.9	7.7	7.8
28	---	---	---	7.8	7.6	7.7	7.8	7.7	7.7	7.9	7.7	7.8
29	---	---	---	7.8	7.6	7.7	7.8	7.6	7.7	7.9	7.7	7.9
30	---	---	---	7.8	7.6	7.7	7.8	7.6	7.7	7.9	7.7	7.8
31	---	---	---	---	---	---	7.8	7.7	7.8	7.9	7.6	7.8
MONTH	---	---	---	---	---	---	---	---	---	8.1	7.6	7.9



STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN, GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 312712 LONGITUDE 0812146 DATUM STATE 13 COUNTY 191

PH, WATER, WHOLE, FIELD, STANDARD UNITS, 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	7.9	7.6	7.8	7.6	7.3	7.5	7.5	7.2	---	7.6	7.2	---
2	7.9	7.6	---	7.7	7.3	---	7.7	7.2	---	7.7	7.2	---
3	7.9	7.6	7.7	7.7	7.3	7.5	7.6	7.2	---	7.6	7.2	---
4	8.0	7.6	7.8	7.7	7.3	7.4	7.6	7.2	---	7.7	7.2	---
5	8.0	7.6	7.7	7.7	7.3	7.5	7.7	7.1	---	7.7	7.2	---
6	8.0	7.5	7.7	7.8	7.3	7.6	7.5	7.1	---	7.7	7.2	---
7	8.0	7.6	7.7	7.9	7.5	---	7.4	7.0	---	7.6	7.2	---
8	7.9	7.6	7.7	7.9	7.4	---	7.3	7.0	---	7.6	7.2	---
9	7.9	7.5	7.7	7.8	7.4	---	7.4	7.0	---	7.5	7.2	---
10	7.8	7.5	7.7	7.8	7.4	---	7.4	7.0	---	7.5	7.2	---
11	7.8	7.4	7.7	7.7	7.4	---	7.4	7.1	---	7.6	7.2	---
12	7.8	7.6	7.7	7.6	7.4	---	7.4	7.1	---	7.6	7.2	---
13	7.8	7.6	7.7	7.6	7.3	---	7.5	7.2	---	7.6	7.2	---
14	7.7	7.6	7.7	7.6	7.3	---	7.6	7.2	---	7.6	7.2	---
15	7.7	7.5	7.6	7.6	7.3	---	7.6	7.4	---	7.6	7.2	---
16	7.7	7.4	7.6	7.5	7.4	---	7.7	7.4	---	7.7	7.2	---
17	7.7	7.3	7.5	7.6	7.3	---	7.7	7.5	---	7.8	7.3	---
18	7.7	7.4	7.6	7.7	7.3	---	7.8	7.6	---	7.9	7.3	---
19	7.8	7.4	7.5	7.8	7.3	---	7.9	7.4	---	7.9	7.3	---
20	7.7	7.4	7.5	7.8	7.4	---	7.9	7.5	---	7.8	7.3	---
21	7.7	7.3	7.5	7.6	7.3	---	7.9	7.3	---	7.8	7.2	---
22	7.7	7.3	7.5	7.6	7.3	---	7.8	7.3	---	7.8	7.2	---
23	7.7	7.2	7.5	7.7	7.3	---	7.8	7.3	---	7.8	7.2	---
24	7.7	7.3	7.5	7.6	7.3	---	7.7	7.2	---	7.7	7.2	---
25	7.6	7.3	7.4	7.6	7.3	---	7.6	7.2	---	7.7	7.2	---
26	7.6	7.2	7.4	7.6	7.2	---	7.6	7.2	---	7.7	7.2	---
27	7.6	7.2	7.5	7.6	7.3	---	7.6	7.2	---	7.7	7.2	---
28	7.6	7.3	7.5	7.6	7.3	---	7.6	7.2	---	7.6	7.2	---
29	---	---	---	7.6	7.3	---	7.6	7.2	---	7.8	7.3	---
30	---	---	---	7.5	7.3	---	7.6	7.3	---	7.7	7.2	---
31	---	---	---	7.4	7.2	---	---	---	---	7.7	7.2	---
MONTH	8.0	7.2	---	7.9	7.2	---	7.9	7.0	---	7.9	7.2	---

STATION NUMBER 022035975 HUDSON CREEK AT MERIDIAN LANDING, NEAR MERIDIAN,GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 312712 LONGITUDE 0812146 DATUM STATE 13 COUNTY 191

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

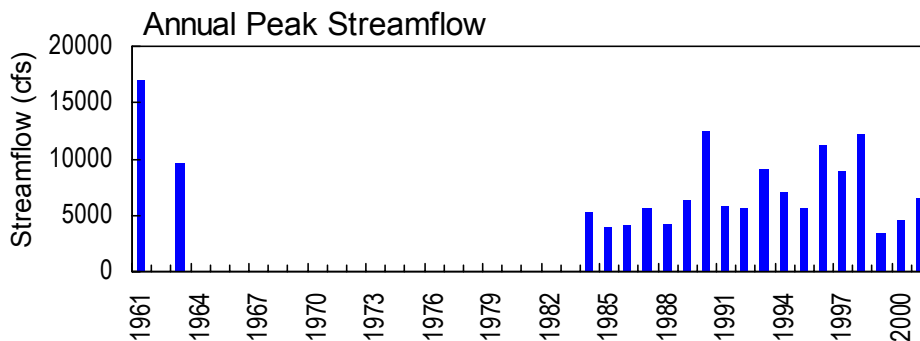
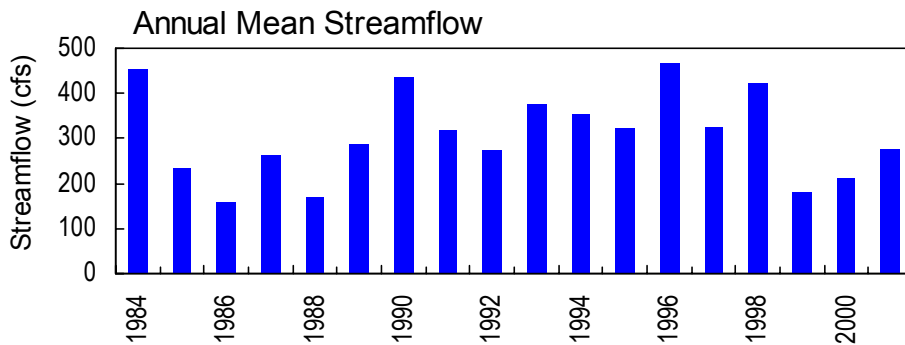
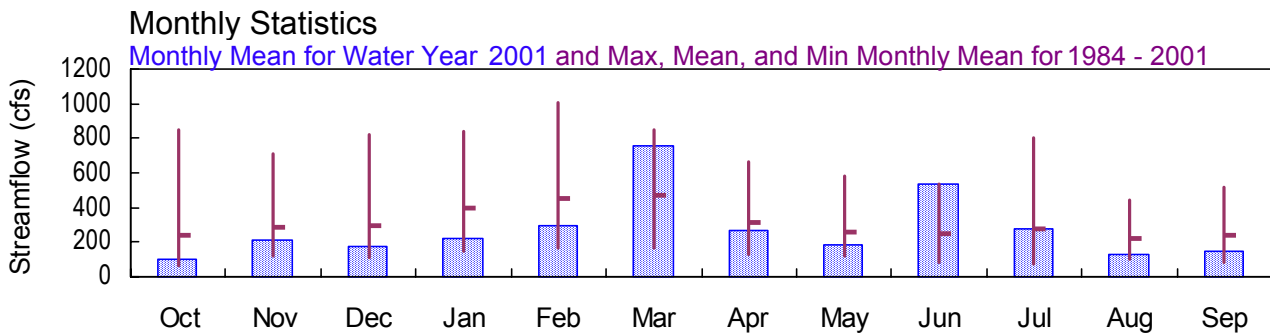
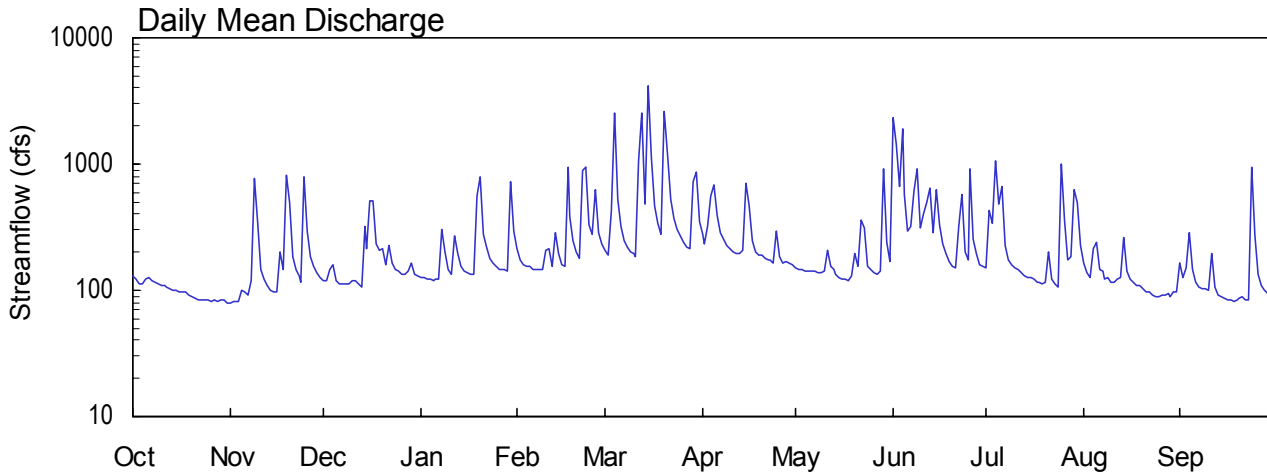
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.6	7.1	---	7.4	7.0	---	7.6	7.2	---	7.5	7.1	---
2	7.6	7.1	---	7.5	7.0	---	7.6	7.2	---	7.5	7.1	---
3	7.6	7.2	---	7.5	7.0	---	7.6	7.2	---	7.5	7.1	---
4	7.6	7.1	---	7.4	7.1	---	7.6	7.2	---	7.4	7.1	---
5	7.6	7.1	---	7.5	7.0	---	7.5	7.2	---	7.4	7.1	---
6	7.6	7.1	---	7.6	7.0	---	7.5	7.1	---	7.3	7.0	---
7	7.6	7.1	---	7.6	7.1	---	7.6	7.1	---	7.4	7.1	---
8	7.6	7.1	---	7.6	7.1	---	7.6	7.2	---	7.4	7.2	---
9	7.6	7.0	---	7.7	7.2	---	7.6	7.2	---	7.4	7.2	---
10	7.6	7.1	---	7.7	7.2	---	7.6	7.3	---	7.4	7.2	---
11	7.6	7.1	---	7.7	7.2	---	7.7	7.2	---	7.5	7.1	---
12	7.6	7.1	---	7.8	7.3	---	7.8	7.2	---	7.5	7.1	---
13	7.6	7.1	---	7.7	7.2	---	7.8	7.4	---	7.5	7.1	---
14	7.7	7.1	---	7.8	7.3	---	7.8	7.3	---	7.5	7.1	---
15	7.7	7.1	---	7.9	7.4	---	7.8	7.2	---	7.6	7.2	---
16	7.9	7.1	---	7.8	7.4	---	7.7	7.2	---	7.6	7.2	---
17	7.9	7.2	---	7.8	7.4	---	7.7	7.1	---	7.5	7.2	---
18	7.8	7.2	---	7.8	7.3	---	7.6	7.1	---	7.4	7.2	---
19	7.7	7.1	---	7.7	7.2	---	7.5	7.1	---	7.4	7.2	---
20	7.6	7.1	---	7.7	7.2	---	7.5	7.1	---	7.4	7.2	---
21	7.6	7.0	---	7.4	7.1	---	7.4	7.1	---	7.4	7.1	---
22	7.5	7.0	---	7.5	7.1	---	7.4	7.1	---	7.4	7.1	---
23	7.5	7.0	---	7.4	7.1	---	7.4	7.1	---	7.4	7.1	---
24	7.5	7.1	---	7.4	7.2	---	7.6	---	---	7.4	7.1	---
25	7.5	7.0	---	7.4	7.1	---	7.4	7.1	---	7.4	7.1	---
26	7.4	7.0	---	7.5	7.2	---	7.5	7.2	---	7.4	7.1	---
27	7.5	7.1	---	---	---	---	7.5	7.2	---	7.5	7.2	---
28	7.4	7.0	---	7.6	7.2	---	7.6	7.1	---	7.6	7.2	---
29	7.3	7.0	---	7.6	7.2	---	7.6	7.1	---	7.6	7.2	---
30	7.4	7.0	---	7.7	7.2	---	7.6	7.2	---	7.7	7.3	---
31	---	---	---	7.7	7.2	---	7.6	7.1	---	---	---	---
MONTH	7.9	7.0	---	---	---	---	7.8	---	---	7.7	7.0	---

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 660.9 feet Period of Record: 1984 - 2001



02204070 South River @ Klondike Rd near Lithonia, GA

**ALTAMAHA RIVER BASIN**  
**2001 Water Year**

**02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA**

**LOCATION.**--Lat 33°37'47", long 84°07'43", DeKalb-Rockdale County line, Hydrologic Unit 03070103, at downstream end of pier of bridge on Klondike Road, 1.1 miles south of GA Highway 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<sup>2</sup>.

**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 sea level (levels from DeKalb County benchmark).

**REMARKS.**--Records good, except for the periods of estimated discharge, which are poor.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Flood of April 30, 1963 reached a stage of 11.80 feet, discharge 9,630 ft<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 4,000 ft<sup>3</sup>/s and the maximum (\*).

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	0830	4,560	9.20
Mar. 13	0345	5,170	9.56
Mar. 15	1800	6,550*	10.32*
Mar. 20	1630	4,930	9.42
June 1	2215	4,830	9.36
June 4	0300	4,400	9.10

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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 sea level (levels from Dekalb County benchmark).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 10.32 feet, March 15; minimum gage-height recorded, 4.84 feet, October 31, November 1,3.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--February 5, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182 DATUM 660.90 STATE 13 COUNTY 089

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	e129	79	120	127	211	207	278	150	2310	149	162	166
2	e121	82	119	126	174	188	234	145	1430	424	138	127
3	e114	82	144	121	161	425	323	145	657	e343	126	151
4	e112	82	160	122	157	2520	556	141	1890	e1070	211	286
5	e122	99	119	120	157	532	678	140	571	481	240	145
6	e126	98	113	121	145	322	390	143	295	666	146	115
7	e119	91	113	122	145	246	288	140	324	228	142	106
8	e117	119	112	299	144	217	252	136	613	174	124	103
9	e114	769	111	204	145	201	226	137	926	158	125	102
10	e110	351	119	144	208	193	216	143	316	149	117	99
11	e108	144	118	132	211	184	202	207	408	146	115	194
12	e106	121	111	266	156	1060	194	153	493	138	122	106
13	e104	108	106	198	288	2510	195	145	645	129	127	91
14	e101	101	318	156	193	476	207	133	288	126	259	89
15	e99	96	211	142	161	4170	704	126	633	126	142	86
16	e97	96	510	139	153	1130	465	122	334	122	121	85
17	e96	201	505	133	946	463	244	123	230	117	116	84
18	e96	148	236	135	385	341	203	119	193	115	108	81
19	e92	813	209	566	245	277	189	131	167	111	109	83
20	e90	493	214	781	200	2650	189	195	155	116	104	87
21	e87	186	160	278	179	1200	178	156	151	200	97	89
22	e85	146	226	217	880	520	176	356	317	121	96	85
23	e83	129	163	177	936	372	172	315	568	111	91	85
24	83	117	147	164	334	300	165	157	202	106	90	937
25	85	788	143	155	279	266	295	144	173	1010	90	272
26	82	295	135	148	636	240	185	137	918	358	92	132
27	84	186	135	146	288	220	166	135	252	173	92	110
28	82	156	142	144	232	212	169	140	195	185	93	101
29	83	137	163	142	---	731	164	919	161	620	90	93
30	85	126	135	716	---	852	160	243	156	500	96	91
31	80	---	130	298	---	353	---	169	---	226	96	---
TOTAL	3092	6439	5447	6739	8349	23578	8063	5745	15971	8698	3877	4381
MEAN	99.7	215	176	217	298	761	269	185	532	281	125	146
MAX	129	813	510	781	946	4170	704	919	2310	1070	259	937
MIN	80	79	106	120	144	184	160	119	151	106	90	81
CFSM	.55	1.18	.97	1.19	1.64	4.18	1.48	1.02	2.93	1.54	.69	.80
IN.	.63	1.32	1.11	1.38	1.71	4.82	1.65	1.17	3.26	1.78	.79	.90

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2001, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	238	287	298	399	455	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	122	112	144	170	165	127	124	84.4	77.9	101	82.9						
(WY)	1988	1988	1989	1986	1986	1988	1986	1988	1988	1988	1988	1987						

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1984 - 2001

ANNUAL TOTAL		76123		100379														
ANNUAL MEAN		208		275						308								
HIGHEST ANNUAL MEAN										470								1996
LOWEST ANNUAL MEAN										159								1986
HIGHEST DAILY MEAN			2510	Mar 20		4170	Mar 15			9870								Mar 17 1990
LOWEST DAILY MEAN			59	Jul 19		79	Nov 1			48								Jul 20 1988
ANNUAL SEVEN-DAY MINIMUM			62	Jul 16		82	Oct 28			53								Sep 23 1987
MAXIMUM PEAK FLOW						6550	Mar 15			12500								Mar 17 1990
MAXIMUM PEAK STAGE						10.32	Mar 15			13.03								Mar 17 1990
ANNUAL RUNOFF (CFSM)			1.14			1.51				1.69								
ANNUAL RUNOFF (INCHES)			15.56			20.52				22.97								
10 PERCENT EXCEEDS			353			569				538								
50 PERCENT EXCEEDS			138			155				180								
90 PERCENT EXCEEDS			82			93				97								

STATISTICS COMPUTED BY: gabailey

DATE: 02/20/2002 AT: 15:20:13

e Estimated

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182 DATUM 660.90 STATE 13 COUNTY 089

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	---	4.90	5.06	5.09	5.32	5.31	5.45	5.15	7.30	5.15	5.18	5.19
2	---	4.91	5.06	5.08	5.23	5.26	5.36	5.14	6.70	5.64	5.11	5.07
3	---	4.91	5.14	5.07	5.19	5.66	5.49	5.13	5.87	---	5.07	5.15
4	---	4.91	5.18	5.07	5.18	7.69	5.85	5.12	7.11	---	5.30	5.44
5	---	4.98	5.06	5.06	5.18	5.84	6.00	5.12	5.88	5.76	5.36	5.13
6	---	4.98	5.04	5.07	5.14	5.53	5.63	5.13	5.48	5.98	5.14	5.04
7	---	4.95	5.04	5.07	5.14	5.39	5.47	5.12	5.52	5.34	5.12	5.00
8	---	5.06	5.04	5.45	5.14	5.33	5.40	5.11	5.85	5.22	5.07	4.99
9	---	6.04	5.03	5.29	5.14	5.29	5.34	5.11	6.29	5.17	5.07	4.99
10	---	5.54	5.06	5.14	5.29	5.27	5.32	5.13	5.51	5.15	5.04	4.98
11	---	5.14	5.06	5.10	5.30	5.25	5.29	5.29	5.62	5.14	5.04	5.24
12	---	5.07	5.03	5.40	5.18	6.16	5.27	5.16	5.78	5.11	5.06	5.00
13	---	5.02	5.01	5.28	5.47	7.60	5.27	5.13	5.97	5.08	5.08	4.94
14	---	4.99	5.45	5.18	5.27	5.77	5.30	5.10	5.46	5.07	5.39	4.93
15	---	4.97	5.31	5.13	5.19	8.71	5.95	5.07	5.95	5.07	5.12	4.92
16	---	4.97	5.77	5.12	5.17	6.49	5.73	5.06	5.54	5.06	5.06	4.91
17	---	5.28	5.79	5.11	6.25	5.75	5.38	5.06	5.35	5.04	5.04	4.91
18	---	5.15	5.37	5.11	5.63	5.56	5.29	5.05	5.26	5.03	5.01	4.90
19	---	6.15	5.31	5.71	5.39	5.45	5.26	5.08	5.20	5.02	5.01	4.91
20	---	5.76	5.32	6.13	5.29	7.66	5.26	5.27	5.16	5.04	5.00	4.93
21	---	5.25	5.19	5.45	5.24	6.61	5.23	5.16	5.15	5.26	4.97	4.94
22	---	5.15	5.35	5.33	6.05	5.82	5.22	5.46	5.40	5.06	4.96	4.92
23	---	5.09	5.20	5.24	6.28	5.61	5.21	5.48	5.84	5.02	4.94	4.92
24	4.92	5.05	5.15	5.20	5.55	5.49	5.19	5.17	5.29	5.00	4.94	6.31
25	4.93	6.10	5.14	5.17	5.46	5.42	5.46	5.13	5.21	6.28	4.94	5.41
26	4.91	5.48	5.11	5.15	5.96	5.37	5.24	5.11	6.25	5.56	4.95	5.09
27	4.92	5.26	5.11	5.15	5.47	5.33	5.19	5.10	5.39	5.21	4.94	5.02
28	4.91	5.18	5.14	5.14	5.37	5.31	5.20	5.10	5.27	5.24	4.95	4.98
29	4.92	5.12	5.20	5.14	---	5.95	5.19	6.29	5.18	5.91	4.94	4.95
30	4.93	5.08	5.11	6.01	---	6.19	5.18	5.37	5.17	5.77	4.96	4.94
31	4.90	---	5.10	5.49	---	5.57	---	5.20	---	5.34	4.96	---
MEAN	---	5.21	5.19	5.26	5.41	5.92	5.39	5.20	5.70	---	5.06	5.07
MAX	---	6.15	5.79	6.13	6.28	8.71	6.00	6.29	7.30	---	5.39	6.31
MIN	---	4.90	5.01	5.06	5.14	5.25	5.18	5.05	5.15	---	4.94	4.90

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182 DATUM 660.90 STATE 13 COUNTY 089

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	---	---	---	---	---	---	.00	.00	1.48	.00	.00	.00
2	---	---	---	---	---	.27	.00	.00	.00	.00	.00	.26
3	---	---	---	---	---	1.82	.70	.00	.74	---	.05	.24
4	---	---	---	---	---	.01	.01	.00	.03	---	.00	.01
5	---	---	---	---	---	.01	.47	.00	.19	.15	.00	.00
6	---	---	---	---	.00	.00	.04	.00	.05	.00	.18	.00
7	---	---	---	---	.00	.00	.00	.00	.46	.00	.00	.00
8	---	---	---	---	---	.00	.00	.00	.71	.00	.00	.00
9	---	---	---	---	---	.00	.01	.00	.01	.02	.00	.00
10	---	---	---	---	---	.00	.00	.92	.00	.00	.00	.01
11	---	---	---	---	---	.00	.00	.01	.96	.03	.00	.00
12	---	---	---	---	---	2.31	.00	.00	.75	.00	.00	.00
13	---	---	---	---	---	.00	.10	.00	.03	.00	.19	.00
14	---	---	---	---	---	.35	.00	.00	.03	.00	.01	.00
15	---	---	---	---	---	1.73	.84	.00	.16	.00	.00	.00
16	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
17	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.01
18	---	---	---	---	---	.00	.00	.00	.00	.00	.01	.00
19	---	---	---	---	---	.25	.00	.26	.00	.02	.00	.00
20	---	---	---	---	---	1.69	.00	.05	.00	.01	.00	.05
21	---	---	---	---	---	.03	.00	.02	.04	.00	.00	.00
22	---	---	---	---	---	.00	.00	.14	.44	.00	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.10
24	---	---	---	---	---	.00	.25	.00	.00	1.47	.00	1.27
25	---	---	---	---	---	.00	.06	.24	.00	.61	.00	.00
26	---	---	---	---	---	.00	.00	.00	.25	.01	.00	.00
27	---	---	---	---	---	.00	.00	.00	.04	.00	.00	.00
28	---	---	---	---	---	.00	.00	2.49	.01	.12	.00	.00
29	---	---	---	---	---	1.36	.00	.76	.03	.13	.05	.00
30	---	---	---	---	---	.01	.00	.00	.00	.19	.06	.00
31	---	---	---	---	---	.00	---	.19	---	.00	.54	---
TOTAL	---	---	---	---	---	---	2.48	5.08	6.41	---	1.09	1.95



**ALTAMAHA RIVER BASIN**  
**2001 Water Year**

**02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA**

**LOCATION.**--Lat 33°37'47", long 84°07'43", DeKalb-Rockdale County line, Hydrologic Unit 03070103, at downstream end of pier of bridge on Klondike Road, 1.1 miles south of GA Highway 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<sup>2</sup>.

**COOPERATION.**—Georgia Environmental Protection Division.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** December 1999 to current year.

**pH:** March, 2001 to September 2001.

**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, 462 microsiemens, July 11, 2000; minimum recorded, 51 microsiemens, June 1, 2001.

**pH:** Maximum recorded, 8.1 units, July 18, 2001; minimum recorded, 6.6 units, June 26, July 24, 2001.

**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, 0.7 mg/L, March 13, 1986.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum, 392 microsiemens, September 23, 24; minimum, 51 microsiemens, June 1.

**pH:** Maximum, 8.1 units, July 18; minimum, 6.6 units, June 26, July 24.

**WATER TEMPERATURE:** Maximum, 27.8 °C, July 12; minimum, 3.6 °C, December 23.

**DISSOLVED OXYGEN:** Maximum recorded (greater than 20 percent missing), 12.1 mg/L, December 22, 23; minimum recorded (greater than 20 percent missing), 4.6 mg/L, September 24.

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	342	284	303	351	330	342	287	252	274	306	273	293
2	343	301	328	359	339	350	285	268	278	306	258	280
3	342	314	326	373	344	359	297	279	286	283	242	260
4	316	298	308	373	343	359	296	233	259	294	265	275
5	322	302	314	379	351	361	278	243	262	299	279	288
6	322	248	305	380	310	346	295	269	283	296	277	288
7	248	157	176	366	338	352	307	276	293	324	276	301
8	300	190	243	348	287	316	312	281	297	314	156	248
9	324	258	287	287	92	184	306	281	297	206	166	182
10	339	305	322	157	98	129	321	274	299	251	189	221
11	331	307	321	246	155	201	321	268	297	268	239	250
12	339	316	330	300	227	260	319	283	296	268	156	229
13	344	315	330	319	276	298	298	278	290	222	163	191
14	337	316	328	319	282	298	291	134	237	255	206	238
15	359	325	339	319	292	305	189	150	168	271	232	255
16	365	326	350	337	307	325	224	109	159	270	227	254
17	364	345	356	329	175	281	143	117	127	263	232	243
18	348	319	337	251	177	208	189	143	176	258	237	245
19	356	334	347	253	94	162	209	182	193	---	---	---
20	378	350	363	134	99	114	223	194	207	---	---	---
21	375	353	363	213	134	179	252	215	240	---	---	---
22	376	338	360	262	194	225	247	195	227	---	---	---
23	380	308	348	288	241	262	261	197	240	---	---	---
24	378	346	363	301	255	281	276	236	262	---	---	---
25	354	337	348	288	88	154	280	242	267	---	---	---
26	372	349	361	161	108	139	270	235	255	---	---	---
27	369	343	358	227	152	198	253	223	238	---	---	---
28	369	347	358	236	201	222	265	235	252	---	---	---
29	361	341	353	254	220	239	276	233	259	---	---	---
30	375	347	363	275	235	249	290	240	265	---	---	---
31	379	350	369	---	---	---	309	266	290	---	---	---
MONTH	380	157	331	380	88	257	321	109	251	---	---	---

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

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	---	---	---	230	188	210	179	152	173	255	236	242
2	---	---	---	239	209	229	197	170	188	260	239	248
3	---	---	---	231	143	201	189	161	181	271	246	257
4	---	---	---	143	63	88	168	115	125	273	250	265
5	---	---	---	---	---	---	163	109	138	279	253	270
6	---	---	---	---	---	---	155	115	135	295	257	279
7	---	---	---	---	---	---	179	155	171	---	---	---
8	---	---	---	---	---	---	201	171	192	290	251	263
9	279	251	266	---	---	---	206	181	198	289	260	272
10	279	177	248	---	---	---	209	181	196	291	271	281
11	249	179	224	---	---	---	217	198	209	294	193	249
12	288	229	261	---	---	---	219	198	209	272	193	235
13	252	155	182	---	---	---	228	203	215	293	245	271
14	235	170	210	---	---	---	224	203	214	300	256	279
15	261	214	235	---	---	---	232	97	179	291	258	275
16	260	220	247	---	---	---	154	97	122	300	266	286
17	249	91	130	---	---	---	183	154	170	310	277	297
18	170	129	155	---	---	---	208	177	196	312	295	306
19	214	155	200	---	---	---	222	189	206	313	246	302
20	225	189	213	---	---	---	234	206	224	293	217	263
21	235	204	220	---	---	---	239	217	231	267	213	248
22	235	74	152	---	---	---	256	222	245	261	96	224
23	137	85	108	---	---	---	253	229	244	174	101	143
24	168	137	153	---	---	---	235	222	228	267	174	228
25	191	159	177	---	---	---	255	160	206	278	239	258
26	159	113	125	---	---	---	224	176	203	306	257	279
27	176	149	163	210	187	198	244	210	226	322	278	297
28	199	175	189	209	187	201	253	223	239	303	246	290
29	---	---	---	209	82	172	266	233	251	246	94	122
30	---	---	---	128	78	95	269	231	252	179	113	139
31	---	---	---	153	128	143	---	---	---	234	158	196
MONTH	---	---	---	---	---	---	269	97	199	---	---	---

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	236	51	142	271	229	254	243	169	218	340	188	301
2	108	57	77	262	75	137	276	229	248	278	188	246
3	164	66	129	---	---	---	281	263	270	289	225	266
4	98	64	79	---	---	---	275	171	217	260	144	186
5	117	91	100	157	115	126	270	150	184	238	157	196
6	154	117	142	150	84	110	252	186	224	291	222	254
7	181	142	156	193	145	173	248	209	230	312	291	303
8	176	76	157	232	182	219	280	225	253	319	297	310
9	123	76	96	---	---	---	297	260	276	346	304	325
10	155	123	143	248	225	236	298	254	279	356	314	337
11	177	113	166	268	234	249	309	282	299	353	157	242
12	134	104	117	269	230	250	309	273	293	270	168	224
13	136	105	118	286	266	276	301	271	284	306	270	288
14	173	136	155	295	274	287	290	160	199	336	306	319
15	164	90	122	310	276	296	271	167	221	357	327	344
16	195	137	161	299	268	287	301	253	275	386	337	359
17	217	152	201	292	254	268	312	285	301	391	353	375
18	238	199	224	290	269	279	312	279	294	386	346	366
19	238	199	220	308	282	295	331	287	310	371	342	359
20	266	230	245	311	288	304	331	293	316	378	358	370
21	266	252	259	315	187	239	331	290	308	383	344	362
22	264	103	245	291	212	254	324	290	308	365	334	349
23	146	102	120	305	269	288	340	314	329	392	357	374
24	223	146	199	300	277	287	353	331	342	392	88	144
25	241	196	230	277	68	158	342	320	333	165	107	138
26	237	71	102	153	94	127	365	321	342	267	158	216
27	176	124	157	---	---	---	372	332	354	309	253	277
28	229	162	206	262	204	232	373	312	338	335	283	313
29	244	204	227	225	80	125	349	322	335	343	304	329
30	248	222	239	162	96	120	363	341	354	373	322	346
31	---	---	---	201	136	170	---	---	---	---	---	---
MONTH	266	51	164	---	---	---	---	---	---	392	88	294

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

PH, WATER, WHOLE, FIELD, STANDARD UNITS, 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 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	7.3	7.2	7.3	7.2	7.1	7.2
2	---	---	---	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.2	7.2
3	---	---	---	7.4	7.2	7.4	7.4	7.3	7.3	7.4	7.3	7.4
4	---	---	---	7.2	6.7	6.9	7.4	7.1	7.1	7.6	7.3	7.4
5	---	---	---	---	---	---	7.3	7.1	7.2	7.6	7.4	7.5
6	---	---	---	---	---	---	7.2	7.1	7.2	7.6	7.4	7.5
7	---	---	---	---	---	---	7.3	7.2	7.2	7.6	7.4	7.5
8	---	---	---	---	---	---	7.3	7.3	7.3	7.6	7.4	7.5
9	---	---	---	---	---	---	7.3	7.3	7.3	7.5	7.4	7.5
10	---	---	---	---	---	---	7.4	7.3	7.3	7.5	7.4	7.4
11	---	---	---	---	---	---	7.3	7.3	7.3	7.5	7.1	7.3
12	---	---	---	---	---	---	7.3	7.3	7.3	7.4	7.1	7.2
13	---	---	---	---	---	---	7.3	7.3	7.3	7.4	7.3	7.3
14	---	---	---	---	---	---	7.3	7.2	7.3	7.5	7.3	7.4
15	---	---	---	---	---	---	7.3	6.9	7.2	7.5	7.4	7.4
16	---	---	---	---	---	---	7.2	7.0	7.1	7.5	7.4	7.4
17	---	---	---	---	---	---	7.2	7.2	7.2	7.5	7.4	7.4
18	---	---	---	---	---	---	7.3	7.2	7.2	7.5	7.4	7.4
19	---	---	---	---	---	---	7.3	7.2	7.3	7.5	7.3	7.4
20	---	---	---	---	---	---	7.4	7.3	7.3	7.4	7.2	7.3
21	---	---	---	---	---	---	7.3	7.3	7.3	7.4	7.3	7.3
22	---	---	---	---	---	---	7.3	7.2	7.3	7.4	7.0	7.3
23	---	---	---	---	---	---	7.3	7.2	7.3	7.2	7.0	7.2
24	---	---	---	---	---	---	7.3	7.2	7.2	7.3	7.2	7.3
25	---	---	---	---	---	---	7.3	7.1	7.2	7.3	7.3	7.3
26	---	---	---	---	---	---	7.2	7.1	7.2	7.4	7.3	7.3
27	---	---	---	7.4	7.3	7.4	7.3	7.2	7.2	7.4	7.3	7.4
28	---	---	---	7.4	7.3	7.4	7.3	7.2	7.3	7.5	7.3	7.4
29	---	---	---	7.4	7.0	7.4	7.3	7.1	7.2	7.3	6.9	7.0
30	---	---	---	7.2	7.0	7.0	7.2	7.1	7.2	7.2	7.0	7.1
31	---	---	---	7.2	7.2	7.2	---	---	---	7.3	7.2	7.2
MAX	---	---	---	---	---	---	7.4	7.3	7.3	7.6	7.4	7.5
MIN	---	---	---	---	---	---	7.2	6.9	7.1	7.2	6.9	7.0

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.3	6.7	7.0	7.2	7.1	7.2	7.2	7.1	7.2	7.5	7.2	7.4
2	7.0	6.7	6.8	7.2	6.6	6.9	7.3	7.2	7.2	7.3	7.2	7.2
3	7.1	6.6	7.0	7.1	6.9	7.0	7.3	7.2	7.2	7.4	7.3	7.3
4	6.9	6.6	6.7	6.9	6.6	6.7	7.3	7.1	7.2	7.4	7.2	7.3
5	7.0	6.9	6.9	7.0	6.9	6.9	7.3	7.0	7.1	7.3	7.2	7.2
6	7.1	7.0	7.0	7.0	6.7	6.8	7.2	7.0	7.1	7.4	7.2	7.3
7	7.2	7.0	7.0	7.0	6.9	7.0	7.4	7.2	7.3	7.5	7.3	7.3
8	7.2	6.9	7.1	7.1	7.0	7.1	7.4	7.3	7.3	7.5	7.3	7.3
9	7.1	6.8	6.9	7.2	7.1	7.1	7.5	7.2	7.3	7.5	7.2	7.3
10	7.1	7.1	7.1	7.2	7.2	7.2	7.4	7.3	7.3	7.5	7.2	7.3
11	7.3	7.1	7.2	7.2	7.2	7.2	7.5	7.3	7.3	7.5	7.1	7.3
12	7.2	7.0	7.0	7.3	7.1	7.2	7.5	7.3	7.4	7.2	7.1	7.1
13	7.2	7.0	7.1	7.3	7.2	7.2	7.4	7.3	7.3	7.3	7.1	7.2
14	7.2	7.0	7.2	7.3	7.2	7.2	7.4	7.2	7.2	7.5	7.2	7.3
15	7.2	6.9	7.1	7.4	7.2	7.3	7.3	7.2	7.2	7.6	7.3	7.4
16	7.3	7.1	7.2	7.5	7.2	7.3	7.3	7.2	7.2	7.6	7.4	7.4
17	7.2	7.2	7.2	7.9	7.2	7.4	7.5	7.2	7.3	7.7	7.4	7.5
18	7.3	7.2	7.2	8.1	7.4	7.6	7.6	7.2	7.3	7.8	7.4	7.5
19	7.3	7.2	7.3	8.0	7.4	7.7	7.6	7.2	7.3	7.8	7.4	7.5
20	7.3	7.3	7.3	7.8	7.4	7.6	7.8	7.2	7.3	7.7	7.4	7.5
21	7.4	7.3	7.4	7.6	7.0	7.1	7.9	7.3	7.4	7.7	7.4	7.5
22	7.4	7.0	7.4	7.5	7.1	7.3	7.9	7.3	7.5	7.7	7.4	7.5
23	7.1	6.9	7.0	7.6	7.3	7.4	8.0	7.3	7.5	7.7	7.4	7.5
24	7.2	7.1	7.2	7.6	7.3	7.4	7.9	7.3	7.5	7.6	6.7	6.8
25	7.2	7.2	7.2	7.5	6.7	6.8	7.8	7.2	7.3	7.1	6.9	7.0
26	7.3	6.6	6.8	---	---	---	7.7	7.2	7.3	7.2	7.1	7.2
27	7.0	6.8	6.9	---	---	---	7.9	7.2	7.3	7.3	7.2	7.3
28	7.1	7.0	7.0	7.3	7.2	7.2	7.8	7.3	7.4	7.4	7.3	7.3
29	7.1	7.1	7.1	7.2	6.8	6.9	7.8	7.3	7.4	7.4	7.3	7.3
30	7.2	7.1	7.1	7.1	6.9	7.0	7.7	7.3	7.4	7.5	7.4	7.4
31	---	---	---	7.2	7.0	7.1	7.6	7.3	7.4	---	---	---
MAX	7.4	7.3	7.4	---	---	---	8.0	7.3	7.5	7.8	7.4	7.5
MIN	6.9	6.6	6.7	---	---	---	7.2	7.0	7.1	7.1	6.7	6.8

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.5	19.6	20.5	20.0	18.8	19.2	11.2	9.2	10.2	6.3	4.7	5.4
2	21.6	19.5	20.5	19.9	18.7	19.2	11.2	10.1	10.6	6.3	4.6	5.5
3	21.9	19.9	20.8	20.1	18.8	19.3	11.2	10.5	10.8	6.1	3.8	5.0
4	22.0	20.3	21.1	20.1	18.9	19.3	10.5	8.3	9.3	6.0	4.1	5.0
5	22.1	20.2	21.1	19.5	18.8	19.0	9.3	7.5	8.5	6.9	4.8	5.8
6	22.0	20.2	20.9	19.0	17.7	18.1	9.1	7.9	8.5	7.8	5.8	6.6
7	20.3	18.9	19.5	18.4	17.7	17.9	9.7	8.2	8.9	8.8	6.2	7.2
8	19.3	17.2	17.7	19.3	18.2	18.6	10.4	8.4	9.3	8.8	7.0	8.1
9	17.2	14.7	15.6	19.3	18.6	18.9	10.7	9.6	10.0	7.0	5.8	6.5
10	15.7	13.9	14.9	18.7	16.3	17.6	11.1	10.0	10.5	6.8	5.1	5.9
11	16.3	13.9	15.0	16.3	14.4	15.2	12.0	10.4	11.1	7.0	5.2	6.0
12	16.7	14.5	15.5	15.3	13.2	14.2	12.3	11.4	11.8	7.8	6.3	6.9
13	17.0	15.0	15.9	15.0	13.4	14.2	11.4	9.0	9.9	8.1	5.9	6.8
14	17.5	15.4	16.2	15.2	14.2	14.7	9.0	6.9	8.3	9.7	7.1	8.0
15	17.8	15.6	16.4	14.4	12.7	13.4	8.8	7.1	8.0	11.8	9.3	10.3
16	18.2	16.0	17.0	13.2	12.0	12.6	9.5	8.5	9.0	11.6	10.1	10.7
17	18.9	16.9	17.7	13.6	11.6	12.8	9.5	7.5	8.7	10.9	10.1	10.5
18	19.5	17.7	18.4	11.6	10.8	11.2	7.5	6.2	6.9	11.1	10.4	10.7
19	19.5	18.0	18.7	11.3	8.5	9.4	7.1	6.2	6.8	---	---	---
20	19.8	18.8	19.1	9.7	8.6	8.6	6.2	4.4	5.2	---	---	---
21	20.1	18.7	19.2	9.7	8.9	9.3	5.8	4.5	5.0	---	---	---
22	20.1	18.6	19.3	9.5	7.6	8.5	5.8	4.1	5.2	---	---	---
23	20.0	18.6	19.2	10.8	8.5	9.4	5.6	3.6	4.4	---	---	---
24	19.9	18.5	19.2	11.6	9.7	10.5	6.6	4.1	5.3	---	---	---
25	20.1	18.8	19.3	11.5	9.7	10.4	6.9	5.1	6.0	---	---	---
26	20.1	19.1	19.6	11.8	10.3	11.0	7.3	5.6	6.4	---	---	---
27	20.4	19.1	19.6	12.0	10.9	11.4	7.9	6.5	7.0	---	---	---
28	20.4	19.0	19.6	11.6	10.1	10.8	8.3	7.6	7.9	---	---	---
29	20.4	18.6	19.3	11.7	10.2	11.0	8.1	6.8	7.3	---	---	---
30	19.9	18.5	19.0	11.7	10.4	11.0	7.3	5.3	5.9	---	---	---
31	20.0	18.9	19.2	---	---	---	6.1	4.6	5.2	---	---	---
MONTH	22.1	13.9	18.5	20.1	7.6	13.9	12.3	3.6	8.0	---	---	---



STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## 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	---	---	---	---	13.2	14.2	15.3	13.0	14.0	20.9	18.1	19.4
2	---	---	---	15.1	13.8	14.4	14.8	12.8	13.7	21.1	18.3	19.6
3	---	---	---	15.5	14.8	15.1	14.2	13.5	13.8	21.4	18.1	19.7
4	---	---	---	15.5	14.7	15.3	15.3	13.2	14.1	21.7	18.1	19.8
5	---	---	---	---	---	---	15.4	15.1	15.3	22.1	18.6	20.2
6	---	---	---	---	---	---	17.2	14.8	15.8	22.3	19.8	21.0
7	---	---	---	---	---	---	19.2	16.6	17.8	22.1	20.3	20.9
8	---	---	---	---	---	---	20.2	17.8	18.9	20.9	19.0	19.8
9	13.5	10.4	11.7	---	---	---	20.9	18.4	19.5	20.2	18.6	19.4
10	14.1	12.4	13.2	---	---	---	21.9	19.0	20.2	20.8	18.9	19.8
11	12.4	10.9	11.6	---	---	---	21.9	19.8	20.8	21.0	18.7	19.9
12	11.6	10.2	10.7	---	---	---	21.6	19.7	20.5	22.6	19.8	21.0
13	10.3	9.0	9.6	---	---	---	20.8	20.0	20.4	22.8	20.1	21.4
14	12.2	9.7	10.8	---	---	---	20.4	18.8	19.6	22.2	19.2	20.7
15	14.2	11.9	12.9	---	---	---	19.5	18.2	18.6	22.3	18.9	20.5
16	16.0	13.8	14.7	---	---	---	19.8	17.9	18.7	23.1	19.6	21.2
17	15.8	12.5	14.0	---	---	---	18.4	15.9	17.4	23.9	20.5	22.1
18	12.5	10.3	11.3	---	---	---	16.2	14.1	15.1	24.3	21.1	22.7
19	11.7	9.5	10.5	---	---	---	16.2	13.0	14.5	24.2	21.4	22.3
20	11.2	10.2	10.6	---	---	---	17.3	13.8	15.3	22.1	21.1	21.6
21	13.8	10.9	12.0	---	---	---	18.9	15.4	16.9	23.4	21.2	22.1
22	13.6	12.0	12.9	---	---	---	20.6	16.9	18.5	23.2	20.4	21.9
23	12.7	11.2	11.9	---	---	---	21.2	18.1	19.5	21.7	19.3	20.4
24	12.5	11.8	12.1	---	---	---	20.5	18.9	19.8	22.0	19.0	20.4
25	14.4	12.5	13.4	---	---	---	19.5	17.7	18.4	21.6	19.8	20.4
26	15.6	14.1	14.7	---	---	---	19.2	16.5	17.7	21.8	18.7	20.1
27	14.7	13.6	14.1	13.2	10.7	11.9	19.7	16.3	17.9	23.0	19.6	21.1
28	15.0	13.6	14.1	12.2	10.5	11.4	19.8	16.8	18.2	22.8	21.1	21.9
29	---	---	---	11.5	9.8	10.9	20.6	17.6	18.9	22.3	20.8	21.5
30	---	---	---	12.5	9.8	10.9	20.4	18.4	19.3	23.5	20.8	22.0
31	---	---	---	14.2	12.5	13.2	---	---	---	22.6	20.9	21.7
MONTH	---	---	---	---	---	---	21.9	12.8	17.6	24.3	18.1	20.9

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.1	20.3	20.9	26.2	23.6	24.7	27.2	25.1	26.1	25.0	23.8	24.3
2	21.7	20.1	20.8	25.9	23.7	24.8	26.6	24.5	25.4	24.1	23.4	23.7
3	22.1	20.5	21.2	---	---	---	26.3	24.1	25.2	24.0	23.2	23.6
4	22.0	20.6	21.2	---	---	---	26.1	24.4	25.1	23.9	23.1	23.4
5	22.8	21.3	22.0	25.6	24.0	24.7	26.3	24.4	25.2	26.2	23.2	24.4
6	23.5	21.9	22.6	25.4	23.3	24.3	26.3	24.7	25.5	26.0	24.3	25.1
7	23.3	22.4	22.8	25.8	23.5	24.6	26.0	24.6	25.6	26.2	24.3	25.2
8	22.8	21.9	22.3	26.3	23.6	24.8	27.1	25.0	25.9	26.1	24.1	25.0
9	23.0	22.2	22.5	---	---	---	27.6	25.3	26.4	25.6	23.9	24.7
10	24.0	21.7	22.7	27.2	25.0	26.1	27.4	25.6	26.3	25.8	24.2	25.0
11	23.0	22.4	22.6	27.7	25.0	26.3	26.9	25.3	26.1	25.8	24.3	25.1
12	22.4	21.7	22.1	27.8	25.3	26.5	26.8	25.2	26.0	25.3	24.3	24.7
13	24.1	21.5	22.6	27.6	25.5	26.3	26.7	25.2	25.5	25.0	23.2	24.0
14	25.2	23.0	24.0	26.7	24.9	25.8	26.9	24.4	25.5	24.8	22.6	23.5
15	24.4	22.6	23.5	26.3	24.3	25.3	27.2	24.8	25.9	24.3	22.2	22.9
16	24.8	23.1	23.9	26.1	24.0	25.0	26.8	24.9	25.8	22.8	20.5	21.3
17	25.6	22.7	24.0	26.7	23.8	25.2	27.1	24.8	25.9	21.9	19.8	20.7
18	25.7	22.8	24.1	26.7	24.0	25.4	27.6	25.4	26.4	21.7	19.7	20.6
19	25.6	23.1	24.3	26.6	24.4	25.6	27.5	25.6	26.4	22.1	20.7	21.3
20	25.7	22.9	24.3	26.4	24.7	25.5	26.9	25.2	26.1	23.6	21.7	22.4
21	25.2	23.0	24.0	26.6	24.6	25.6	26.7	24.2	25.3	23.6	21.8	22.6
22	24.6	22.6	23.5	26.6	23.9	25.1	26.2	23.5	24.8	23.5	21.7	22.5
23	24.5	22.3	23.2	26.9	23.8	25.2	25.9	23.7	24.8	23.7	21.9	22.7
24	24.5	21.9	23.1	26.9	24.8	25.3	26.5	24.0	25.1	23.7	21.2	22.2
25	23.8	21.9	22.8	25.2	24.1	24.5	26.5	24.6	25.6	21.2	19.8	20.6
26	22.9	20.6	21.8	26.6	24.1	25.1	26.4	24.7	25.5	19.9	17.9	18.9
27	24.6	21.8	23.0	---	---	---	26.6	24.7	25.6	19.7	17.2	18.4
28	25.2	22.7	23.9	27.1	25.2	25.8	26.6	24.5	25.2	20.0	17.4	18.6
29	26.2	23.4	24.6	25.9	24.6	25.3	25.6	24.3	24.9	20.0	18.0	18.9
30	25.7	23.7	24.6	26.4	24.9	25.5	25.5	24.2	24.8	19.6	17.7	18.5
31	---	---	---	27.3	25.2	26.1	---	---	---	---	---	---
MONTH	26.2	20.1	23.0	---	---	---	---	---	---	26.2	17.2	22.5

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.5	7.8	8.1	9.6	7.2	8.1	---	---	---	11.2	10.7	11.0
2	8.9	7.5	8.0	9.6	7.1	8.2	---	---	---	11.3	10.6	11.0
3	9.3	7.5	8.2	9.5	7.1	8.0	---	---	---	11.4	10.8	11.1
4	9.9	7.5	8.5	8.8	7.1	7.7	---	---	---	11.6	10.8	11.1
5	10.2	7.6	8.6	8.4	7.1	7.7	10.8	10.4	10.6	11.3	10.6	11.0
6	9.1	7.5	8.0	8.0	7.5	7.7	10.8	10.3	10.6	10.9	10.2	10.6
7	8.0	7.7	7.8	7.9	7.5	7.6	10.7	10.2	10.5	10.8	9.9	10.3
8	8.8	7.8	8.2	8.0	7.7	7.9	10.6	10.1	10.3	10.3	9.6	9.9
9	9.4	8.4	8.8	8.1	7.6	7.7	10.2	9.8	10.1	10.7	10.3	10.5
10	10.0	8.5	9.1	8.4	7.7	8.1	10.0	9.7	9.8	10.9	10.6	10.8
11	9.9	8.7	9.2	9.1	8.4	8.8	10.1	9.6	9.8	10.9	10.5	10.7
12	9.8	8.5	9.0	9.7	9.0	9.3	9.9	9.1	9.5	10.7	10.3	10.5
13	10.1	8.4	9.1	9.5	8.9	9.2	10.2	9.5	9.8	10.5	10.2	10.4
14	10.4	8.3	9.1	9.6	8.7	9.0	11.4	10.1	10.7	---	---	---
15	10.0	8.2	8.9	10.2	8.9	9.5	11.2	10.5	10.7	---	---	---
16	9.9	7.8	8.7	10.1	9.3	9.6	10.6	10.2	10.4	---	---	---
17	9.9	7.5	8.4	10.1	9.2	9.6	10.6	10.1	10.3	---	---	---
18	10.6	7.3	8.6	10.1	9.8	9.9	11.0	10.6	10.8	---	---	---
19	10.8	7.4	8.8	11.1	10.0	10.7	10.9	10.7	10.8	---	---	---
20	10.6	7.4	8.7	---	---	---	12.0	10.9	11.5	---	---	---
21	10.9	7.3	8.7	---	---	---	11.8	11.4	11.6	---	---	---
22	11.1	7.3	8.8	---	---	---	12.1	11.4	11.7	---	---	---
23	11.1	7.1	8.6	---	---	---	12.1	11.5	11.9	---	---	---
24	11.2	7.4	8.9	---	---	---	11.9	11.1	11.5	---	---	---
25	11.3	7.4	8.9	---	---	---	11.4	10.9	11.2	---	---	---
26	11.1	7.2	8.8	---	---	---	11.3	10.7	11.1	---	---	---
27	10.9	7.3	8.8	---	---	---	10.8	10.3	10.7	---	---	---
28	10.3	7.1	8.5	---	---	---	10.3	10.0	10.2	---	---	---
29	10.1	7.1	8.3	---	---	---	10.7	10.1	10.5	---	---	---
30	10.1	7.2	8.4	---	---	---	11.0	10.6	10.8	---	---	---
31	9.9	7.2	8.3	---	---	---	11.4	10.9	11.2	---	---	---
MONTH	11.3	7.1	8.6	---	---	---	---	---	---	---	---	---

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

OXYGEN DISSOLVED (MG/L), 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	---	---	---	9.0	8.5	8.8	9.2	8.9	9.0	---	---	---
2	---	---	---	8.5	8.3	8.4	9.2	8.9	9.1	---	---	---
3	---	---	---	8.4	8.2	8.3	9.5	8.9	9.1	---	---	---
4	---	---	---	8.3	7.7	7.9	9.5	8.7	9.0	---	---	---
5	---	---	---	---	---	---	9.1	8.5	8.8	---	---	---
6	---	---	---	---	---	---	8.9	8.4	8.8	---	---	---
7	---	---	---	---	---	---	8.4	8.0	8.2	---	---	---
8	---	---	---	---	---	---	8.0	7.7	7.9	8.4	6.9	7.6
9	10.4	9.8	10.1	---	---	---	7.9	7.6	7.7	8.4	7.1	7.7
10	9.8	9.2	9.5	---	---	---	8.0	7.4	7.7	8.2	7.2	7.6
11	10.0	9.2	9.6	---	---	---	7.9	7.2	7.5	7.9	5.5	7.0
12	10.3	9.8	9.9	---	---	---	8.2	7.2	7.6	7.5	5.5	6.5
13	10.7	10.3	10.5	---	---	---	8.1	7.1	7.7	7.8	6.8	7.2
14	10.4	9.5	10.0	---	---	---	8.6	7.3	8.0	8.5	7.0	7.5
15	9.5	9.0	9.2	---	---	---	8.4	7.5	7.8	8.9	7.4	8.0
16	9.0	8.5	8.8	---	---	---	8.2	7.7	8.0	8.6	7.3	7.9
17	9.5	8.4	9.0	---	---	---	8.8	7.9	8.3	8.2	7.0	7.6
18	10.3	9.5	9.9	---	---	---	9.3	8.4	8.8	8.1	6.9	7.4
19	10.5	10.2	10.3	---	---	---	9.7	8.9	9.3	7.8	6.9	7.3
20	10.2	9.9	10.0	---	---	---	9.7	8.9	9.4	7.3	6.2	6.7
21	10.0	9.4	9.8	---	---	---	9.4	8.7	9.0	---	---	---
22	9.8	9.2	9.4	---	---	---	9.3	8.1	8.7	---	---	---
23	10.1	9.7	10.0	---	---	---	9.2	7.9	8.4	7.1	6.4	6.7
24	9.9	9.7	9.8	---	---	---	8.5	7.3	8.0	7.1	6.7	6.9
25	9.7	9.2	9.4	---	---	---	8.3	7.4	7.8	7.0	6.7	6.9
26	9.4	8.9	9.1	---	---	---	8.7	7.5	8.0	7.5	7.0	7.2
27	9.2	8.9	9.1	9.7	9.2	9.4	8.9	7.9	8.3	7.5	7.0	7.2
28	9.1	8.8	9.0	9.8	9.5	9.6	8.5	7.1	8.0	7.5	5.1	6.4
29	---	---	---	10.1	9.5	9.7	---	---	---	7.6	6.5	7.3
30	---	---	---	10.1	9.4	9.8	---	---	---	7.4	7.1	7.2
31	---	---	---	9.4	9.2	9.2	---	---	---	7.2	4.8	6.6
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.9	5.1	7.0	7.3	6.7	6.9	7.0	6.5	6.7	7.5	6.1	6.7
2	7.7	7.4	7.6	7.1	6.5	6.7	7.2	6.6	6.9	7.0	6.1	6.6
3	7.9	7.4	7.6	---	---	---	7.9	6.4	7.1	7.1	6.6	6.8
4	7.8	7.5	7.6	---	---	---	7.1	6.6	6.9	7.1	6.6	7.0
5	7.7	7.2	7.5	6.9	6.1	6.6	7.3	6.8	7.0	7.2	6.6	6.8
6	7.3	6.5	7.1	7.0	5.6	6.1	7.5	6.6	6.9	7.6	6.3	6.8
7	7.5	6.5	7.0	---	---	---	7.4	6.8	7.0	8.3	6.3	7.0
8	7.8	6.8	7.3	---	---	---	7.5	6.4	6.8	8.4	6.3	7.1
9	7.7	6.6	7.3	---	---	---	7.7	6.3	6.8	8.6	6.4	7.2
10	7.6	7.3	7.4	7.2	6.6	6.8	7.5	6.2	6.8	8.6	6.2	7.1
11	7.9	7.1	7.4	7.3	6.7	6.9	8.1	6.3	7.0	8.1	6.4	6.8
12	7.9	5.0	7.3	7.8	6.5	7.0	8.2	6.4	7.1	6.8	5.9	6.3
13	8.1	7.3	7.7	7.7	6.4	6.9	7.6	6.2	6.8	7.7	6.4	6.8
14	7.4	7.0	7.2	8.5	6.6	7.4	6.9	6.3	6.7	8.2	6.6	7.2
15	7.4	6.8	7.1	9.0	6.9	7.7	7.1	6.2	6.6	8.5	6.7	7.3
16	7.4	6.9	7.1	9.9	7.0	8.1	7.7	6.3	6.8	8.9	7.0	7.7
17	6.9	6.7	6.8	10.5	7.1	8.5	8.2	6.3	7.1	9.4	7.2	8.0
18	6.8	6.4	6.7	10.9	7.1	8.7	8.9	6.3	7.3	9.8	7.3	8.2
19	6.8	6.3	6.5	10.8	7.0	8.6	9.1	6.1	7.3	9.5	7.2	8.1
20	7.1	6.3	6.7	10.0	6.8	8.2	9.9	6.2	7.6	9.2	7.0	7.9
21	7.3	6.6	7.0	8.4	5.2	6.3	10.5	6.5	8.0	9.2	6.9	7.8
22	7.3	6.5	6.9	8.4	5.7	6.9	11.2	6.6	8.3	9.4	7.0	7.9
23	---	---	---	9.3	6.4	7.6	11.3	6.6	8.4	9.1	7.1	7.8
24	---	---	---	8.9	6.6	7.5	11.4	6.6	8.4	8.4	4.6	6.7
25	---	---	---	8.2	6.7	7.3	11.2	6.3	8.0	7.6	7.2	7.4
26	7.2	6.4	6.9	7.2	6.3	6.8	10.1	6.1	7.6	8.1	7.5	7.8
27	7.3	7.0	7.1	---	---	---	10.6	5.9	7.6	8.6	7.9	8.3
28	7.1	6.9	7.0	7.0	6.4	6.6	9.1	5.9	7.1	8.9	8.1	8.4
29	7.0	6.7	6.8	7.1	6.1	6.6	10.6	6.2	7.6	9.2	8.0	8.4
30	7.2	6.5	6.8	7.1	6.6	6.8	9.2	6.1	7.3	9.7	8.0	8.7
31	---	---	---	6.8	6.5	6.7	8.7	6.1	7.1	---	---	---
MONTH	---	---	---	---	---	---	11.4	5.9	7.2	9.8	4.6	7.4

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02204135 CAMP CREEK TRIBUTARY AT GA 155, NEAR STOCKBRIDGE, GA**

**LOCATION.**--Lat 33°34'35", long 84°08'50", Henry County, Hydrologic Unit 03070103, at culvert on GA Highway 155, 5.0 miles northeast of Stockbridge.

**DRAINAGE AREA.**—0.28 mi<sup>2</sup>.

**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 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<sup>3</sup>/s, July 5, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 5.29 feet, March 15

**DISCHARGE:** 53.9 ft<sup>3</sup>/s, March 15

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02205000 WILDCAT CREEK NEAR LAWRENCEVILLE, GA**

**LOCATION.**--Lat 34°00'00", long 84°00'20", Gwinnett County, Hydrologic Unit 03070103, at culvert on Russell Road, 3.3 miles north of Lawrenceville.

**DRAINAGE AREA.**—1.59 mi<sup>2</sup>.

**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.**--Crest-stage partial-record gage. Datum of gage is 970.00 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:** 8.20 feet, May 6, 1956

**DISCHARGE:** 806 ft<sup>3</sup>/s, May 6, 1956

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** <3.66 feet, Not determined, stage below bottom of gage

**DISCHARGE:** <77 ft<sup>3</sup>/s, Not determined, stage below bottom of gage

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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<sup>2</sup>.

**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 1000 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:** 8.47 feet, October 5, 1995

**DISCHARGE:** 220 ft<sup>3</sup>/s, October 5, 1995

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 4.67 feet, March 15

**DISCHARGE:** 60 ft<sup>3</sup>/s, March 15



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02205500 PEW CREEK NEAR LAWRENCEVILLE, GA**

**LOCATION.**--Lat 33°56'05", long 84°01'00", Gwinnett County, Hydrologic Unit 03070103, at culvert on Johnson Road, 2.2 miles southwest of Lawrenceville.

**DRAINAGE AREA.**—2.23 mi<sup>2</sup>.

**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 feet above sea level (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<sup>3</sup>/s, October 5, 1995

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 4.71 feet, March 15

**DISCHARGE:** 331 ft<sup>3</sup>/s, March 15

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02205596 YELLOW RIVER TRIBUTARY AT PLANTATION ROAD,  
NEAR LAWRENCEVILLE, GA**

**LOCATION.**--Lat 33°54'45", long 84°02'45", Gwinnett County, Hydrologic Unit 03070103, at culvert on Plantation Road, 4.5 miles southwest of Lawrenceville.

**DRAINAGE AREA.**—7.23 mi<sup>2</sup>.

**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 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:** 10.11 feet, April 9, 1998

**DISCHARGE:** 1,220 ft<sup>3</sup>/s, April 9, 1998

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.24 feet, March 15

**DISCHARGE:** 507 ft<sup>3</sup>/s, March 15

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02206000 SHETLEY CREEK NEAR NORCROSS, GA**

**LOCATION.**--Lat 33°57'20", long 83°09'40", Gwinnett County, Hydrologic Unit 03070103, at bridge on Old Norcross Road, 2.8 miles northeast of Norcross.

**DRAINAGE AREA.**—0.98 mi<sup>2</sup>.

**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 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. 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<sup>3</sup>/s, February 21, 1961 (from floodmark)

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 3.76 feet, July 25

**ALTAMAHA RIVER BASIN  
2001 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<sup>2</sup>.

**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 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:** 6.71 feet, September 7, 1987

**DISCHARGE:** 144 ft<sup>3</sup>/s, September 7, 1987

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 2.36 feet, March 15

**DISCHARGE:** 39 ft<sup>3</sup>/s, March 15

**ALTAMAHA RIVER BASIN**  
**2001 Water Year**

**02206136 JACKSON CREEK TRIBUTARY No. 1 AT WILLIAMS ROAD, NEAR LILBURN, GA**

**LOCATION.**--Lat 33°53'19", long 84°10'59", Gwinnett County, Hydrologic Unit 03070103, at culvert on Williams Road, 2.6 miles west of Lilburn.

**DRAINAGE AREA.**—0.33 mi<sup>2</sup>.

**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 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:** 8.14 feet, August 22, 1990

**DISCHARGE:** 188 ft<sup>3</sup>/s, August 22, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** <6.49 feet, Not determined, stage below bottom of gage

**DISCHARGE:** <91 ft<sup>3</sup>/s, Not determined, stage below bottom of gage

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02206165 JACKSON CREEK TRIBUTARY No. 2 AT WORCHESTER PLAZA,  
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<sup>2</sup>.

**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 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:** 11.51 feet, September 14, 1995

**DISCHARGE:** 101 ft<sup>3</sup>/s, September 14, 1995

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.39 feet, March 15

**DISCHARGE:** 30 ft<sup>3</sup>/s, March 15

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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<sup>2</sup>.

**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 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:** 8.37 feet, July 16, 1989

**DISCHARGE:** 168 ft<sup>3</sup>/s, July 16, 1989

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** <5.15 feet, Not determined, stage below bottom of gage

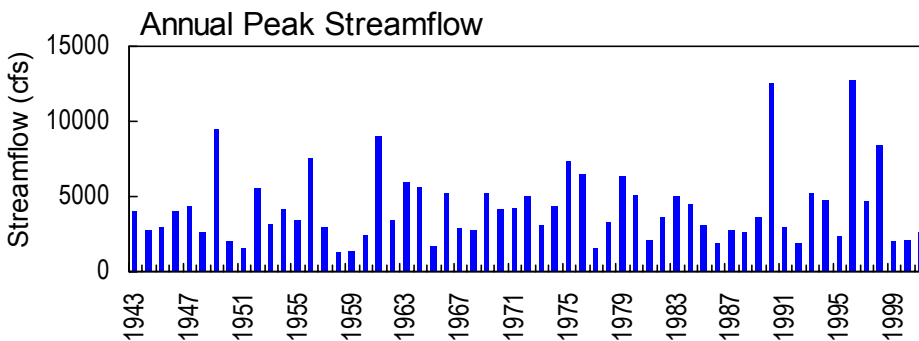
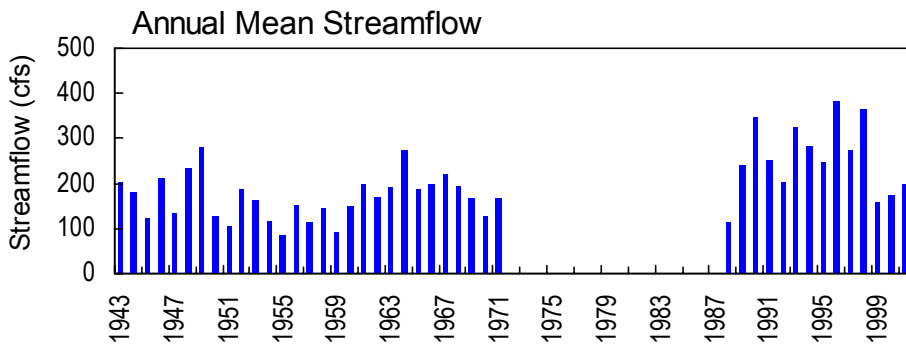
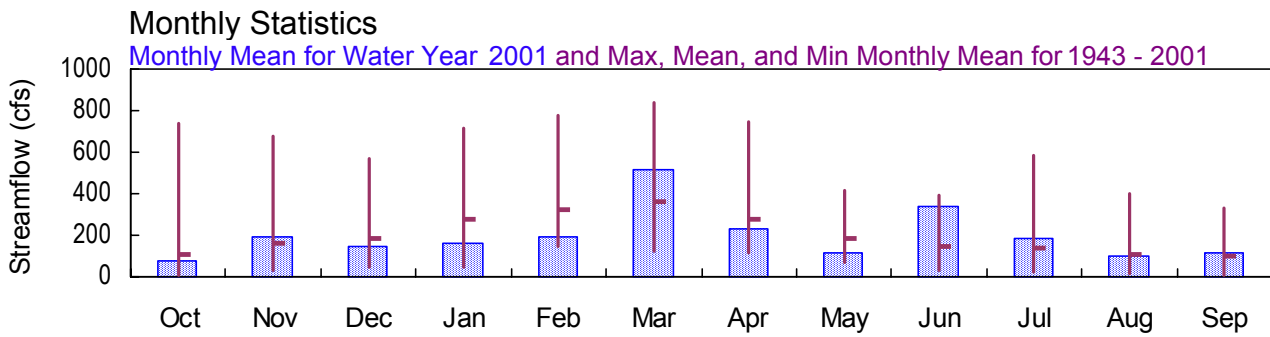
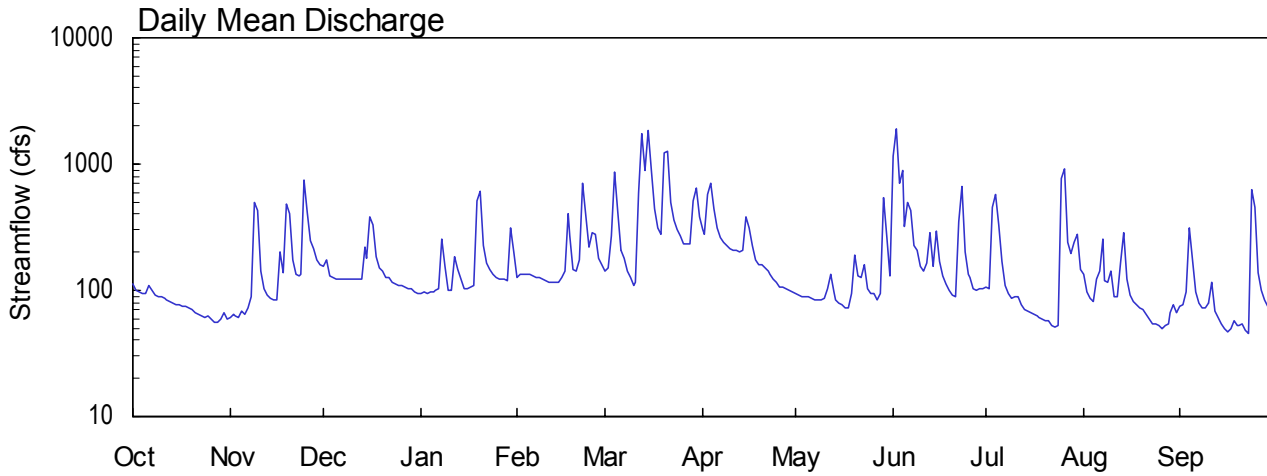
**DISCHARGE:** <23 ft<sup>3</sup>/s, Not determined, stage below bottom of gage

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 806.1 feet Period of Record: 1943 - 2001





**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02206500 YELLOW RIVER NEAR SNELLVILLE, GA**

**LOCATION.**--Lat 33°51'11", long 84°04'45", Gwinnett County, Hydrologic Unit 03070103, on left bank 40 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<sup>2</sup>.

**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 and crest-stage gage. Datum of gage is 806.14 feet above sea level (levels by the Georgia Department of Transportation). Prior to November 4, 1952, non-recording gage located at same site and datum.

**REMARKS.**--Records good, 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Mar. 13	1015	2,120	7.93
Mar. 15	2215	2,710*	9.67
Jun. 02	0530	2,590	9.33

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--October 1942 to September 1971. October 1987 to current year.

**GAGE.**-- Water-stage recorder and crest-stage gage. Datum of gage is 806.14 feet above sea level (levels by the Georgia Department of Transportation). Prior to November 4, 1952, non-recording gage located at same site and datum.

**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, 9.67 feet, March 15; minimum gage-height recorded, 1.05 feet, September 23.

STATION NUMBER 02206500 YELLOW RIVER NEAR SNELLVILLE, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335111 LONGITUDE 0840445 DRAINAGE AREA 134 DATUM 806.14 STATE 13 COUNTY 135

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	e111	61	155	e95	e127	e140	e305	e93	1150	105	132	75
2	e101	65	175	e97	e132	e149	e280	e92	1920	104	97	77
3	e96	62	e129	e95	e132	e273	e582	e89	696	456	87	98
4	e93	61	e126	96	e132	e867	e707	e89	903	568	81	315
5	e93	69	e124	97	e132	e414	e437	88	320	332	122	173
6	e108	64	e123	e101	e129	e208	e310	87	497	167	140	98
7	e101	72	e124	e103	e127	e180	e265	85	435	109	254	79
8	e92	88	e123	e252	e125	e141	e237	83	229	94	119	73
9	e90	493	e122	e156	e123	e125	e226	83	209	86	117	72
10	e88	431	e122	e101	e119	e109	e215	87	155	88	143	79
11	e87	142	e122	e101	e116	e117	e208	102	141	88	89	116
12	e85	104	e122	e183	e116	e594	e205	132	164	78	90	69
13	e81	91	e122	e148	e116	e1740	e203	97	288	70	166	61
14	e79	87	e217	e123	e117	e889	e205	83	157	68	288	55
15	e77	85	e180	e103	e126	e1860	e378	80	294	66	122	50
16	e77	84	e377	e103	e141	e899	e308	77	170	64	91	47
17	e75	199	e327	e105	e403	e446	e226	72	131	63	82	49
18	e74	138	e187	e108	e267	e314	e174	73	111	61	76	58
19	e72	484	e151	e508	e147	e281	e160	94	99	59	73	52
20	e70	404	e143	e616	e140	e1230	e160	190	92	58	70	53
21	e66	174	e128	e224	e175	e1270	e151	131	89	57	65	55
22	e64	134	e126	e165	e705	e498	e140	126	348	52	60	48
23	e62	130	e115	e148	e393	e360	e133	161	670	51	55	46
24	e61	135	e113	e134	e219	e301	e124	102	199	52	54	633
25	e62	746	e110	e128	e289	e268	e115	93	132	775	52	457
26	e59	419	e108	e124	e279	e235	e107	94	127	904	50	136
27	e56	249	e106	e121	e180	e230	e105	83	104	237	53	99
28	e56	212	e104	e121	e160	e235	e103	93	101	195	55	84
29	e59	173	e103	e119	---	e519	e101	544	104	242	67	75
30	e66	159	e97	e313	---	e637	e98	266	102	277	77	71
31	e59	---	e95	e199	---	e380	---	129	---	145	66	---
TOTAL	2420	5815	4476	5087	5367	15909	6968	3698	10137	5771	3093	3453
MEAN	78.1	194	144	164	192	513	232	119	338	186	99.8	115
MAX	111	746	377	616	705	1860	707	544	1920	904	288	633
MIN	56	61	95	95	116	109	98	72	89	51	50	46
CFSM	.58	1.45	1.08	1.22	1.43	3.83	1.73	.89	2.52	1.39	.74	.86
IN.	.67	1.61	1.24	1.41	1.49	4.42	1.93	1.03	2.81	1.60	.86	.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2001, BY WATER YEAR (WY)

	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
MEAN	109	163	185	275	326	358	279	183	150	137	106	101	
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1943 - 2001

ANNUAL TOTAL		62181		72194									
ANNUAL MEAN		170		198						197			
HIGHEST ANNUAL MEAN										383			1996
LOWEST ANNUAL MEAN										83.7			1955
HIGHEST DAILY MEAN			1710	Sep 1		1920	Jun 2			8600	Oct 5	1995	
LOWEST DAILY MEAN			35	Jul 18		46	Sep 23			1.6	Oct 8	1954	
ANNUAL SEVEN-DAY MINIMUM			37	Jul 16		52	Sep 17			1.9	Oct 4	1954	
MAXIMUM PEAK FLOW						2710	Mar 15			12800	Oct 5	1995	
MAXIMUM PEAK STAGE						9.67	Mar 15			19.75	Oct 5	1995	
ANNUAL RUNOFF (CFSM)			1.27			1.48				1.47			
ANNUAL RUNOFF (INCHES)			17.26			20.04				19.96			
10 PERCENT EXCEEDS			306			424				368			
50 PERCENT EXCEEDS			110			122				118			
90 PERCENT EXCEEDS			55			63				37			

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/06/2002 AT: 11:58:50

e Estimated

STATION NUMBER 02206500 YELLOW RIVER NEAR SNELLVILLE, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335111 LONGITUDE 0840445 DRAINAGE AREA 134 DATUM 806.14 STATE 13 COUNTY 135

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	---	1.27	1.81	---	---	---	---	---	4.95	1.56	1.70	1.37
2	---	1.30	1.90	---	---	---	---	---	7.29	1.55	1.51	1.38
3	---	1.28	---	---	---	---	---	---	3.59	2.86	1.45	1.51
4	---	1.27	---	1.50	---	---	---	---	4.22	3.21	1.41	2.41
5	---	1.33	---	1.51	---	---	---	1.46	2.42	2.46	1.65	1.88
6	---	1.30	---	---	---	---	---	1.45	2.94	1.86	1.72	1.52
7	---	1.35	---	---	---	---	---	1.44	2.79	1.58	2.18	1.40
8	---	1.46	---	---	---	---	---	1.42	2.12	1.49	1.63	1.35
9	---	2.94	---	---	---	---	---	1.43	2.04	1.44	1.60	1.35
10	---	2.78	---	---	---	---	---	1.45	1.81	1.46	1.74	1.39
11	---	1.75	---	---	---	---	---	1.54	1.75	1.45	1.46	1.61
12	---	1.56	---	---	---	---	---	1.70	1.84	1.39	1.47	1.33
13	---	1.48	---	---	---	---	---	1.51	2.32	1.34	1.77	1.27
14	---	1.45	---	---	---	---	---	1.42	1.82	1.32	2.30	1.23
15	---	1.44	---	---	---	---	---	1.41	2.32	1.31	1.65	1.19
16	---	1.43	---	---	---	---	---	1.38	1.88	1.29	1.47	1.16
17	---	1.98	---	---	---	---	---	1.35	1.70	1.29	1.42	1.18
18	---	1.73	---	---	---	---	---	1.35	1.59	1.27	1.37	1.25
19	---	2.93	---	---	---	---	---	1.47	1.52	1.26	1.36	1.20
20	---	2.69	---	---	---	---	---	1.96	1.48	1.25	1.34	1.21
21	---	1.89	---	---	---	---	---	1.70	1.46	1.24	1.30	1.23
22	---	1.72	---	---	---	---	---	1.67	2.34	1.21	1.26	1.17
23	---	1.70	---	---	---	---	---	1.84	3.52	1.19	1.23	1.15
24	---	1.71	---	---	---	---	---	1.54	1.99	1.20	1.22	3.38
25	---	3.75	---	---	---	---	---	1.48	1.71	3.80	1.20	2.85
26	---	2.75	---	---	---	---	---	1.50	1.68	4.22	1.19	1.72
27	---	2.19	---	---	---	---	---	1.42	1.55	2.13	1.21	1.52
28	---	2.05	---	---	---	---	---	1.48	1.54	1.97	1.23	1.43
29	---	1.89	---	---	---	---	---	3.13	1.55	2.14	1.30	1.37
30	---	1.83	---	---	---	---	---	2.23	1.54	2.27	1.38	1.34
31	---	---	---	---	---	---	---	1.69	---	1.77	1.31	---
MEAN	---	1.87	---	---	---	---	---	---	2.38	1.80	1.48	1.51
MAX	---	3.75	---	---	---	---	---	---	7.29	4.22	2.30	3.38
MIN	---	1.27	---	---	---	---	---	---	1.46	1.19	1.19	1.15

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207000 GARNER CREEK NEAR SNELLVILLE, GA**

**LOCATION.**--Lat 33°51'45", long 84°05'50", Gwinnett County, Hydrologic Unit 03070103, at culvert on Five Forks-Trickum Road, 4.4 miles west of Snellville.

**DRAINAGE AREA.**—5.54 mi<sup>2</sup>.

**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 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:** 5.93 feet, March 15, 2001

**DISCHARGE:** 1,630 ft<sup>3</sup>/s, February 25, 1961

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 5.93 feet, March 15

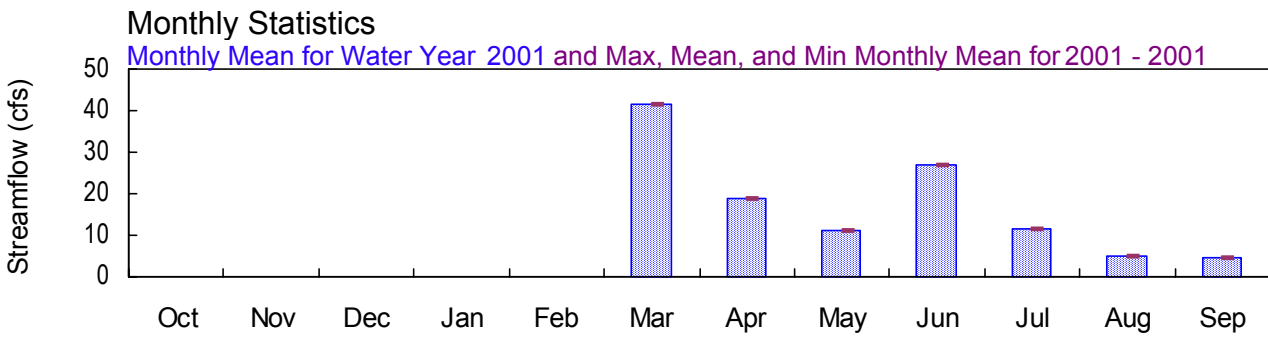
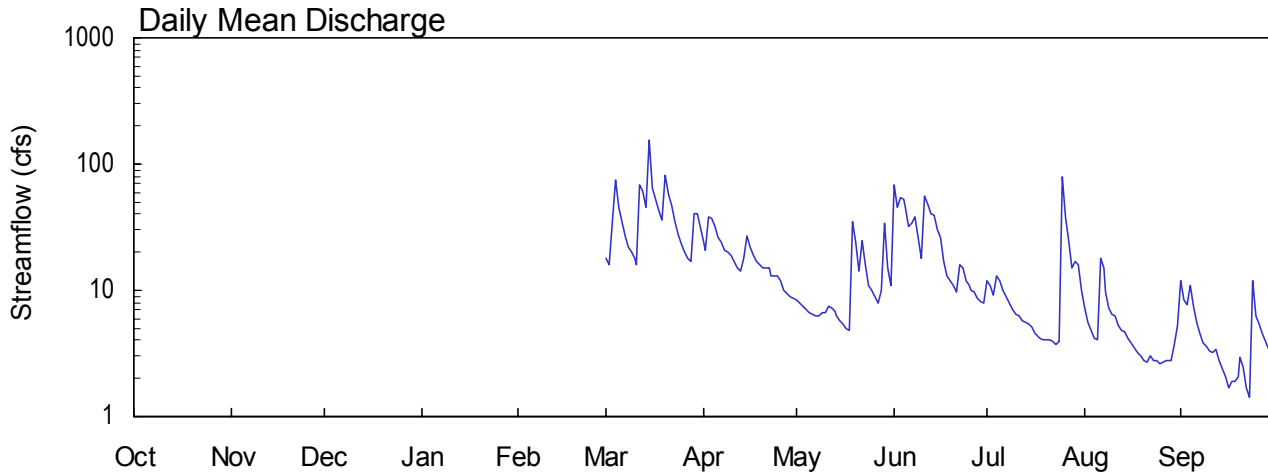
**DISCHARGE:** 846 ft<sup>3</sup>/s, March 15

# ALTAMAHA RIVER BASIN

## 2001 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: 8.7 mi<sup>2</sup> Datum: 950 feet Period of Record: 2001 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207185 NO BUSINESS CREEK AT LEE ROAD, BELOW SNELLVILLE, GA**

**LOCATION.**--Lat 33°46'40", long 84°02'17", Gwinnett County, Hydrologic Unit 03070103, 5 feet downstream of bridge on County Road 135, and 3.4 miles east of Centerville.

**DRAINAGE AREA.**--9.95 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--March 1, 2001 to September 30, 2001.

**GAGE.**--Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 950.00 feet above sea level, (from topographic map).

**REMARKS.**--Records good, except for the period of estimated discharge, which is fair.

**EXTREMES FOR CURRENT YEAR.**--Maximum discharge, 542 ft<sup>3</sup>/s, March 15; minimum daily discharge, 1.40 ft<sup>3</sup>/s, September 23.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--March 1, 2001 to September 30, 2001.

**GAGE.**--Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 950.00 feet above sea level, (from topographic map).

**REMARKS.**--Records good.

**EXTREMS FOR CURRENT YEAR.**--Maximum gage-height, 7.77 feet, March 15; minimum gage-height, 1.72 feet, September 23.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--March 1, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket rain gage.

**REMARKS.**--Records good.

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD BELOW SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

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	---	---	---	---	---	18	24	8.5	68	12	7.2	12
2	---	---	---	---	---	16	21	8.0	45	11	5.6	8.3
3	---	---	---	---	---	35	38	7.4	54	9.1	4.8	7.6
4	---	---	---	---	---	75	37	7.0	52	e13	4.2	11
5	---	---	---	---	---	46	32	6.7	45	e12	4.1	7.5
6	---	---	---	---	---	35	26	6.5	32	e10	18	5.6
7	---	---	---	---	---	27	24	6.2	34	e9.0	15	4.6
8	---	---	---	---	---	22	21	6.2	38	e8.0	9.8	3.8
9	---	---	---	---	---	20	20	6.6	26	e7.0	7.3	3.6
10	---	---	---	---	---	18	19	6.6	18	6.4	6.4	3.3
11	---	---	---	---	---	16	17	7.4	56	6.2	6.2	3.2
12	---	---	---	---	---	68	15	7.2	48	5.8	5.3	3.4
13	---	---	---	---	---	61	14	6.8	40	5.6	4.8	2.8
14	---	---	---	---	---	45	18	6.2	39	5.5	4.7	2.4
15	---	---	---	---	---	156	27	5.7	30	5.1	4.2	2.1
16	---	---	---	---	---	64	22	5.4	26	4.6	3.8	1.7
17	---	---	---	---	---	52	19	5.0	17	4.3	3.5	1.9
18	---	---	---	---	---	43	17	4.8	13	4.2	3.2	1.9
19	---	---	---	---	---	36	16	35	12	4.0	3.0	2.1
20	---	---	---	---	---	82	15	24	11	4.1	2.8	2.9
21	---	---	---	---	---	58	15	14	9.8	4.0	2.7	2.5
22	---	---	---	---	---	47	15	25	16	3.9	3.0	1.7
23	---	---	---	---	---	35	13	16	15	3.7	2.8	1.4
24	---	---	---	---	---	28	13	11	12	3.9	2.8	12
25	---	---	---	---	---	23	13	10	11	79	2.6	6.3
26	---	---	---	---	---	20	12	8.9	10	38	2.7	e5.5
27	---	---	---	---	---	18	10	8.0	9.6	25	2.8	e4.5
28	---	---	---	---	---	17	9.5	10	8.7	15	2.8	3.9
29	---	---	---	---	---	41	8.8	34	8.1	17	2.8	3.4
30	---	---	---	---	---	41	8.6	15	8.0	16	3.7	3.1
31	---	---	---	---	---	31	---	11	---	10	5.2	---
TOTAL	---	---	---	---	---	1294	559.9	340.1	812.2	362.4	157.8	136.0
MEAN	---	---	---	---	---	41.7	18.7	11.0	27.1	11.7	5.09	4.53
MAX	---	---	---	---	---	156	38	35	68	79	18	12
MIN	---	---	---	---	---	16	8.6	4.8	8.0	3.7	2.6	1.4
AC-FT	---	---	---	---	---	2570	1110	675	1610	719	313	270
CFSM	---	---	---	---	---	4.80	2.15	1.26	3.11	1.34	.59	.52
IN.	---	---	---	---	---	5.53	2.39	1.45	3.47	1.55	.67	.58

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

MEAN	---	---	---	---	---	41.7	18.7	11.0	27.1	11.7	5.09	4.53
MAX	---	---	---	---	---	41.7	18.7	11.0	27.1	11.7	5.09	4.53
(WY)	---	---	---	---	---	2001	2001	2001	2001	2001	2001	2001
MIN	---	---	---	---	---	41.7	18.7	11.0	27.1	11.7	5.09	4.53
(WY)	---	---	---	---	---	2001	2001	2001	2001	2001	2001	2001

STATISTICS COMPUTED BY: gabailey

DATE: 03/14/2002 AT: 16:13:58

e Estimated

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD BELOW SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

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	---	---	---	---	---	2.19	2.34	1.96	3.32	2.04	2.00	2.12
2	---	---	---	---	---	2.15	2.26	1.94	2.82	2.01	1.94	2.04
3	---	---	---	---	---	2.57	2.66	1.92	2.99	1.97	1.91	2.02
4	---	---	---	---	---	3.48	2.62	1.91	2.99	---	1.89	2.12
5	---	---	---	---	---	2.84	2.51	1.90	2.82	---	1.89	2.01
6	---	---	---	---	---	2.59	2.37	1.89	2.50	---	2.23	1.94
7	---	---	---	---	---	2.39	2.33	1.88	2.56	---	2.22	1.91
8	---	---	---	---	---	2.29	2.26	1.88	2.65	---	2.09	1.88
9	---	---	---	---	---	2.24	2.25	1.89	2.36	---	2.01	1.87
10	---	---	---	---	---	2.19	2.22	1.89	2.19	1.88	1.97	1.85
11	---	---	---	---	---	2.15	2.17	1.92	2.92	1.88	1.97	1.85
12	---	---	---	---	---	3.16	2.13	1.92	2.89	1.86	1.93	1.86
13	---	---	---	---	---	3.19	2.12	1.90	2.70	1.85	1.91	1.83
14	---	---	---	---	---	2.82	2.19	1.88	2.68	1.85	1.91	1.81
15	---	---	---	---	---	4.52	2.39	1.86	2.46	1.83	1.89	1.79
16	---	---	---	---	---	3.29	2.27	1.85	2.39	1.82	1.88	1.77
17	---	---	---	---	---	2.98	2.21	1.83	2.17	1.81	1.87	1.78
18	---	---	---	---	---	2.78	2.18	1.83	2.09	1.80	1.85	1.78
19	---	---	---	---	---	2.59	2.16	2.50	2.05	1.80	1.84	1.79
20	---	---	---	---	---	3.63	2.14	2.33	2.02	1.80	1.83	1.83
21	---	---	---	---	---	3.13	2.13	2.11	2.00	1.80	1.82	1.81
22	---	---	---	---	---	2.85	2.12	2.35	2.15	1.79	1.84	1.77
23	---	---	---	---	---	2.59	2.09	2.15	2.13	1.78	1.83	1.74
24	---	---	---	---	---	2.41	2.08	2.04	2.06	1.79	1.83	2.09
25	---	---	---	---	---	2.31	2.09	2.01	2.02	3.54	1.82	1.97
26	---	---	---	---	---	2.24	2.05	1.97	2.01	2.69	1.82	---
27	---	---	---	---	---	2.20	2.02	1.94	1.99	2.42	1.83	---
28	---	---	---	---	---	2.18	1.99	2.00	1.96	2.22	1.83	3.90
29	---	---	---	---	---	2.72	1.97	2.55	1.95	2.27	1.83	1.86
30	---	---	---	---	---	2.71	1.96	2.14	1.94	2.24	1.87	1.84
31	---	---	---	---	---	2.49	---	2.04	---	2.11	1.93	---
MEAN	---	---	---	---	---	2.71	2.21	2.01	2.39	---	1.91	---
MAX	---	---	---	---	---	4.52	2.66	2.55	3.32	---	2.23	---
MIN	---	---	---	---	---	2.15	1.96	1.83	1.94	---	1.82	---



STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD BELOW SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

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	---	---	---	---	---	.00	.00	.00	2.00	1.57	.00	.34
2	---	---	---	---	---	.21	.00	.00	.00	.06	.00	.19
3	---	---	---	---	---	1.68	.71	.00	1.48	.27	.00	.31
4	---	---	---	---	---	.01	.02	.00	.62	.36	.00	.09
5	---	---	---	---	---	.00	.30	.00	.01	.48	.18	.00
6	---	---	---	---	---	.00	.00	.00	.00	.00	1.10	.00
7	---	---	---	---	---	.00	.00	.00	.02	.00	.08	.00
8	---	---	---	---	---	.00	.00	.00	.50	---	.01	.00
9	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
10	---	---	---	---	---	.00	.00	.02	.00	.00	.32	.01
11	---	---	---	---	---	.00	.00	.02	.31	.00	.01	.01
12	---	---	---	---	---	2.13	.00	.05	.75	.01	.00	.00
13	---	---	---	---	---	.01	.10	.00	.03	.00	.04	.00
14	---	---	---	---	---	.27	.00	.00	1.20	.00	.01	.00
15	---	---	---	---	---	1.71	.76	.00	.09	.00	.00	.00
16	---	---	---	---	---	.00	.01	.00	.00	.00	.00	.00
17	---	---	---	---	---	.00	.00	.00	.00	.00	.01	.01
18	---	---	---	---	---	.00	.00	.00	.00	.00	.01	.01
19	---	---	---	---	---	.23	.00	3.78	.00	.00	.00	.08
20	---	---	---	---	---	1.76	.00	.02	.00	.00	.00	.03
21	---	---	---	---	---	.03	.00	.01	.00	.00	.00	.00
22	---	---	---	---	---	.00	.00	1.21	.48	.00	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.13
24	---	---	---	---	---	.01	.29	.08	.00	.27	.01	1.53
25	---	---	---	---	---	.01	.10	.15	.28	3.72	.00	.01
26	---	---	---	---	---	.00	.00	.00	.03	.00	.00	.00
27	---	---	---	---	---	.00	.00	.02	.00	.30	.00	.00
28	---	---	---	---	---	.01	.00	1.32	.00	.12	.01	.00
29	---	---	---	---	---	1.34	.00	.54	.01	.38	.01	.00
30	---	---	---	---	---	.00	.00	.00	.06	.00	.04	.00
31	---	---	---	---	---	.00	---	.30	---	.00	.01	---
TOTAL	---	---	---	---	---	9.41	2.29	7.52	7.87	---	1.85	2.75

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207185 NO BUSINESS CREEK AT LEE ROAD, NEAR SNELLVILLE, GA**

**LOCATION.**—Lat 33°46'40", Long 84°02'17", Gwinnett County, Hydrologic unit 03070103, 5 feet downstream of bridge on County Road 135, 3.4 miles east of Centerville.

**DRAINAGE AREA.**—9.95 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** March 1, 2001 to September 30, 2001.

**WATER TEMPERATURE:** March 1, 2001 to September 30, 2001.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 194 microsiemens, September 1; minimum recorded, 25 microsiemens, March 15.

**WATER TEMPERATURE:** Maximum recorded, 25.9°C, August 7; minimum recorded, 7.0°C, March 10.

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD BELOW SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	95	93	---	81	79	---	110	107	---
2	---	---	---	95	93	---	80	78	---	107	105	---
3	---	---	---	93	47	---	80	50	---	107	105	---
4	---	---	---	90	44	---	84	75	---	108	106	---
5	---	---	---	88	80	---	84	78	---	108	106	---
6	---	---	---	86	81	---	81	77	---	111	105	---
7	---	---	---	85	77	---	81	77	---	117	108	---
8	---	---	---	77	75	---	85	82	---	114	107	---
9	---	---	---	77	77	---	86	83	---	114	107	---
10	---	---	---	81	77	---	87	86	---	115	108	---
11	---	---	---	85	80	---	91	86	---	120	112	---
12	---	---	---	87	36	---	94	89	---	122	114	---
13	---	---	---	84	58	---	---	---	---	123	114	---
14	---	---	---	79	65	---	---	---	---	123	117	---
15	---	---	---	65	25	---	---	---	---	120	116	---
16	---	---	---	64	50	---	100	99	---	120	117	---
17	---	---	---	64	59	---	103	99	---	121	118	---
18	---	---	---	67	64	---	100	97	---	122	119	---
19	---	---	---	71	67	---	97	95	---	122	31	---
20	---	---	---	70	39	---	97	95	---	127	73	---
21	---	---	---	71	64	---	98	96	---	139	127	---
22	---	---	---	70	64	---	100	98	---	142	70	---
23	---	---	---	72	65	---	101	98	---	137	119	---
24	---	---	---	73	72	---	102	95	---	136	132	---
25	---	---	---	78	73	---	102	94	---	134	126	---
26	---	---	---	79	76	---	105	102	---	128	125	---
27	---	---	---	80	77	---	106	105	---	128	124	---
28	---	---	---	83	80	---	106	104	---	127	64	---
29	---	---	---	83	51	---	106	105	---	122	63	---
30	---	---	---	88	72	---	107	106	---	128	122	---
31	---	---	---	87	79	---	---	---	---	128	120	---
MAX	---	---	---	95	93	---	---	---	---	142	132	---
MIN	---	---	---	64	25	---	---	---	---	107	31	---

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD BELOW SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	121	53	---	102	39	---	111	106	---	194	108	---
2	139	98	---	101	75	---	109	104	---	193	178	---
3	105	51	---	105	100	---	105	100	---	180	156	---
4	89	55	---	132	73	---	101	99	---	158	120	---
5	82	55	---	127	92	---	100	96	---	157	150	---
6	87	82	---	---	---	---	100	44	---	151	144	---
7	88	71	---	---	---	---	100	58	---	144	136	---
8	81	55	---	---	---	---	116	98	---	142	139	---
9	86	73	---	---	---	---	120	116	---	140	137	---
10	90	82	---	113	110	---	115	107	---	140	135	---
11	86	34	---	113	110	---	112	107	---	138	132	---
12	74	59	---	113	108	---	110	108	---	138	122	---
13	82	64	---	113	110	---	109	107	---	134	121	---
14	86	50	---	114	111	---	109	107	---	132	117	---
15	84	54	---	114	110	---	112	109	---	128	118	---
16	81	53	---	114	109	---	114	112	---	126	122	---
17	86	81	---	112	108	---	115	112	---	124	116	---
18	87	86	---	114	109	---	115	111	---	124	110	---
19	89	86	---	116	110	---	117	112	---	124	109	---
20	89	88	---	114	111	---	116	113	---	125	113	---
21	90	89	---	118	112	---	117	110	---	128	113	---
22	90	63	---	120	115	---	111	107	---	130	126	---
23	91	75	---	124	119	---	111	107	---	127	119	---
24	97	90	---	124	118	---	111	109	---	119	63	---
25	99	96	---	148	38	---	113	109	---	146	115	---
26	102	99	---	141	104	---	116	112	---	146	136	---
27	101	99	---	115	96	---	121	116	---	144	133	---
28	102	99	---	116	107	---	122	120	---	149	135	---
29	102	99	---	108	66	---	129	121	---	154	148	---
30	102	99	---	105	78	---	152	127	---	154	140	---
31	---	---	---	111	105	---	172	152	---	---	---	---
MAX	139	99	---	---	---	---	172	152	---	194	178	---
MIN	74	34	---	---	---	---	100	44	---	119	63	---

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD BELOW SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
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  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	15.2	11.0	---	15.3	10.9	---	19.4	16.1	---
2	---	---	---	14.7	12.2	---	15.1	10.2	---	19.7	16.1	---
3	---	---	---	14.8	13.8	---	13.0	12.0	---	19.8	15.7	---
4	---	---	---	15.1	13.0	---	16.0	12.9	---	20.1	15.5	---
5	---	---	---	13.8	11.1	---	15.2	14.2	---	20.5	16.2	---
6	---	---	---	12.2	9.4	---	17.9	13.7	---	21.3	18.0	---
7	---	---	---	12.3	8.3	---	19.3	14.7	---	19.5	17.0	---
8	---	---	---	13.1	7.6	---	20.6	15.4	---	24.8	16.2	---
9	---	---	---	11.3	8.6	---	21.4	16.0	---	19.1	17.0	---
10	---	---	---	12.4	7.0	---	22.2	16.9	---	20.0	17.3	---
11	---	---	---	13.7	7.7	---	22.1	17.9	---	20.1	16.9	---
12	---	---	---	12.7	11.1	---	21.3	17.2	---	20.9	18.2	---
13	---	---	---	14.6	12.1	---	---	---	---	20.6	17.3	---
14	---	---	---	14.3	11.2	---	---	---	---	19.6	15.3	---
15	---	---	---	13.3	11.3	---	---	---	---	20.4	16.1	---
16	---	---	---	14.5	12.0	---	---	---	---	21.5	16.9	---
17	---	---	---	14.2	11.7	---	16.5	13.1	---	22.0	18.0	---
18	---	---	---	14.6	11.1	---	15.2	11.4	---	22.3	18.0	---
19	---	---	---	12.9	11.1	---	15.7	10.5	---	21.1	18.4	---
20	---	---	---	11.1	8.2	---	16.9	11.7	---	22.3	20.8	---
21	---	---	---	11.1	9.7	---	18.5	13.9	---	22.7	21.4	---
22	---	---	---	13.3	9.1	---	19.6	15.1	---	21.8	19.2	---
23	---	---	---	14.6	9.6	---	20.0	16.0	---	20.6	17.4	---
24	---	---	---	14.6	10.3	---	19.2	17.0	---	20.8	17.5	---
25	---	---	---	14.9	11.0	---	18.1	15.8	---	19.6	17.9	---
26	---	---	---	13.4	9.3	---	18.0	14.8	---	19.7	16.3	---
27	---	---	---	13.5	7.7	---	18.6	14.0	---	21.0	17.6	---
28	---	---	---	12.6	7.7	---	19.1	14.6	---	20.6	19.2	---
29	---	---	---	11.3	9.8	---	19.3	16.6	---	22.4	20.1	---
30	---	---	---	13.5	10.5	---	19.3	16.5	---	22.3	19.5	---
31	---	---	---	13.9	11.4	---	---	---	---	21.3	19.6	---
MAX	---	---	---	15.2	13.8	---	---	---	---	24.8	21.4	---
MIN	---	---	---	11.1	7.0	---	---	---	---	19.1	15.3	---

STATION NUMBER 02207185 NO BUSINESS CREEK AT LEE ROAD BELOW SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334641 LONGITUDE 0840217 DRAINAGE AREA 8.7 DATUM 735 STATE 13 COUNTY 135

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	21.2	19.7	---	23.9	21.8	---	25.1	23.7	---	24.0	22.6	---
2	21.7	20.3	---	24.0	22.0	---	---	---	---	23.9	23.0	---
3	22.1	20.1	---	23.8	22.3	---	24.2	22.2	---	23.4	22.8	---
4	22.2	20.6	---	25.4	23.6	---	24.4	22.8	---	23.8	22.7	---
5	22.5	21.1	---	25.1	22.9	---	24.9	23.0	---	24.4	22.4	---
6	23.3	21.5	---	---	---	---	25.1	23.0	---	24.4	22.6	---
7	23.1	22.3	---	---	---	---	25.9	24.1	---	24.3	22.6	---
8	22.7	21.6	---	---	---	---	25.7	24.2	---	23.9	21.9	---
9	22.4	21.3	---	---	---	---	25.6	24.0	---	23.6	21.8	---
10	22.9	20.7	---	---	---	---	25.3	23.8	---	24.5	22.6	---
11	22.3	21.6	---	25.3	22.9	---	24.9	23.5	---	24.2	22.5	---
12	22.1	21.4	---	25.1	22.8	---	24.8	23.5	---	24.1	21.9	---
13	23.2	21.2	---	24.0	22.9	---	24.4	23.5	---	23.1	19.9	---
14	24.0	22.1	---	23.8	21.8	---	24.6	22.7	---	22.7	19.3	---
15	23.2	21.5	---	23.7	21.1	---	24.6	22.3	---	21.3	18.0	---
16	23.3	21.6	---	23.4	20.7	---	24.9	22.7	---	19.3	15.9	---
17	23.3	20.4	---	23.7	20.5	---	24.9	22.7	---	19.5	15.6	---
18	23.6	21.1	---	23.9	20.8	---	25.4	23.2	---	20.1	16.0	---
19	23.3	21.0	---	23.7	21.4	---	24.7	22.9	---	20.8	17.9	---
20	23.3	20.7	---	23.8	22.3	---	24.4	22.4	---	22.4	19.8	---
21	23.2	20.9	---	23.2	21.8	---	23.6	20.1	---	21.7	17.9	---
22	22.6	21.3	---	23.5	20.6	---	23.7	20.2	---	21.4	18.1	---
23	23.1	21.2	---	23.9	20.4	---	23.8	20.9	---	21.6	18.6	---
24	22.5	19.9	---	23.1	22.3	---	24.5	21.4	---	20.9	19.6	---
25	22.4	20.6	---	25.4	22.5	---	24.2	21.6	---	19.6	16.7	---
26	22.3	20.8	---	25.7	24.4	---	---	---	---	18.0	14.7	---
27	23.3	20.6	---	---	---	---	24.8	22.1	---	18.0	14.2	---
28	23.5	21.2	---	25.7	24.4	---	24.0	22.0	---	18.6	14.8	---
29	23.7	21.7	---	25.3	24.0	---	24.0	22.5	---	17.8	15.6	---
30	23.7	21.9	---	25.7	24.0	---	23.5	22.4	---	17.0	14.2	---
31	---	---	---	25.8	24.5	---	23.8	22.7	---	---	---	---
MAX	24.0	22.3	---	---	---	---	---	---	---	24.5	23.0	---
MIN	21.2	19.7	---	---	---	---	---	---	---	17.0	14.2	---



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207185 NO BUSINESS CREEK AT LEE ROAD, NEAR SNELLVILLE, GA**

**LOCATION.--**Lat 33°46'40", long 84°02'17", Gwinnett County, Hydrologic Unit 03070103, 5 feet downstream of bridge on County Road 135, and 3.4 miles east of Centerville.

**DRAINAGE AREA.--** 9.95 mi<sup>2</sup>.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.--** March 1, 2001 to September 30, 2001.

**REMARKS.--** Laboratory analyses are by the U.S. Geological Survey, Florida District Water-Quality Laboratory, Ocala, Florida. Sediment analyses are by the U.S. Geological Survey, Missouri District Sediment Laboratory, Rolla, Missouri. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TUR- BID- ITY (NTU) (00076)	TUR- FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD ARD (STAND- UNITS) (00400)	PH WATER WHOLE LAB ARD (STAND- UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	RESIDUE TOTAL AT 105 SUS- PENDE (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DIS- SOLVED (MG/L) (70300)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
MAR 29-29	1104	49	--	--	--	--	7.5	77	--	--	43	51	.45
APR 30...	1535	2.0	--	8.8	95	7.0	7.5	104	106	19.2	3	67	<.20
JUL 25-25	0905	130	170	7.5	90	6.8	7.2	67	69	24.3	140	53	1.2
AUG 28...	1350	2.3	2.6	7.6	89	7.4	7.7	124	125	23.3	2	80	<.20
AUG 31-31	2250	50	68	7.2	85	7.2	7.8	169	170	23.2	48	160	.40
SEP 24-24	0720	430	640	7.9	91	6.8	6.8	76	73	20.8	390	49	1.4

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207185 NO BUSINESS CREEK AT LEE ROAD, NEAR SNELLVILLE, GA--continued.**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

COLI- NITRO- GEN, NO2+NO3 TOTAL DATE AS N) (00630)	SED. NITRO- GEN, TOTAL AS N) (00600)	PHOS- PHORUS DIS- SOLVED AS P) (00666)	PHOS- PHORUS TOTAL AS P) (00665)	CARBON, ORGANIC TOTAL AS C) (00680)	FORM, FECAL, 0.7 UM-MF (MG/L) (31625)	SUSP. SIEVE DIAM. % FINER (COLS./ MM) (70331)	SEDI- MENT, SUS- THAN (MG/L) (80154)	PENDEDED
MAR 29-29	1.1	1.6	<.020	.030	--	420	--	82
APR 30...	1.3	--	<.020	<.020	--	55	83	27
JUL 25-25	.61	1.8	.040	.160	3.2	E14000	47	270
AUG 28...	1.3	--	<.020	<.020	1.8	130	89	34
AUG 31-31	2.5	--	<.020	<.020	2.6	--	54	155
SEP 24-24	.65	2.1	<.020	.280	3.3	23000	83	538

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207382 BIG HAYNES CREEK AT PATE ROAD, NEAR SNELLVILLE, GA**

**LOCATION.**--Lat 33°49'38", long 83°59'04", Gwinnett County, Hydrologic Unit 03070103, at culvert on Pate Road, 2.9 miles southeast of Snellville.

**DRAINAGE AREA.**—14.9 mi<sup>2</sup>.

**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 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:** 8.75 feet, January 27, 1996

**DISCHARGE:** 2,520 ft<sup>3</sup>/s, January 27, 1996

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 5.29 feet, March 15

**DISCHARGE:** 891 ft<sup>3</sup>/s, March 15

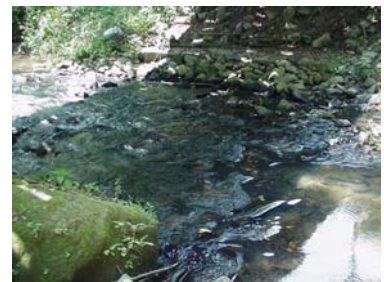
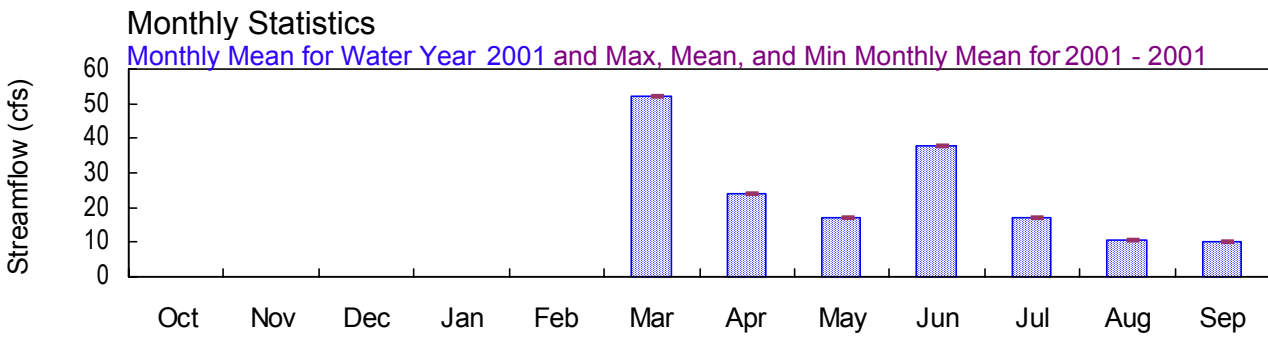
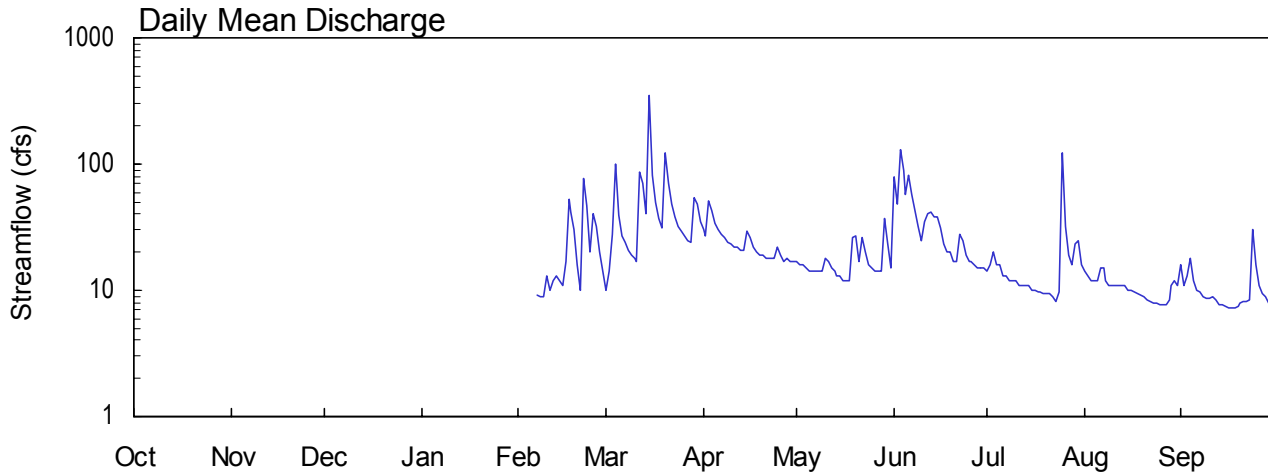
# ALTAMAHA RIVER BASIN

## 2001 Water Year

**02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA**

Latitude: 33° 48' 54" Longitude: 83° 59' 25" Hydrologic Unit Code: 03070103 Gwinnett County

Drainage Area: 17.8 mi<sup>2</sup> Datum: 860 feet Period of Record: 2001 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA**

**LOCATION.**--Lat 33°48'54", long 83°59'25", 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<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--February 7, 2001 to September 30, 2001.

**GAGE.**—Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 850 feet above sea level, (from topographic map).

**REMARKS.**--Records good, except for periods of estimated record, which are fair.

**EXTREMES FOR CURRENT YEAR.**--Maximum discharge, 1,990 ft<sup>3</sup>/s, March 15, minimum daily discharge, 7.3 ft<sup>3</sup>/s, September 16-18.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--February 7, 2001 to September 30, 2001.

**REMARKS.**--Records good.

**GAGE.**—Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 850 feet above sea level, (from topographic map).

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height, 8.29 feet, March 15; minimum gage-height, 2.60 feet, August 27, September 16-18.

**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 STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	e10	30	17	79	14	14	16
2	---	---	---	---	---	e14	27	16	48	16	13	11
3	---	---	---	---	---	28	51	16	130	20	12	13
4	---	---	---	---	---	99	43	15	89	16	12	18
5	---	---	---	---	---	39	34	14	57	16	12	12
6	---	---	---	---	---	27	30	14	81	13	15	10
7	---	---	---	---	9.2	24	28	14	58	13	15	9.8
8	---	---	---	---	9.0	21	26	14	43	12	12	9.0
9	---	---	---	---	8.8	19	24	14	32	12	11	8.7
10	---	---	---	---	13	18	23	18	25	12	11	8.7
11	---	---	---	---	10	17	22	17	35	11	11	8.9
12	---	---	---	---	12	86	22	15	40	11	11	8.3
13	---	---	---	---	13	70	21	14	42	11	11	7.8
14	---	---	---	---	12	40	21	13	38	11	11	7.6
15	---	---	---	---	11	350	29	13	38	10	10	7.4
16	---	---	---	---	e17	82	26	12	31	10	10	7.3
17	---	---	---	---	e52	50	22	12	23	9.7	9.7	7.3
18	---	---	---	---	e42	37	20	12	20	e9.6	9.4	7.3
19	---	---	---	---	e30	31	19	26	20	e9.4	9.1	7.4
20	---	---	---	---	e16	123	19	27	17	e9.5	8.8	7.9
21	---	---	---	---	e10	71	18	17	17	e9.5	8.4	8.1
22	---	---	---	---	e76	48	18	26	28	e8.8	8.2	8.2
23	---	---	---	---	e47	38	18	20	25	e8.1	8.0	8.4
24	---	---	---	---	e20	32	18	16	19	e9.6	7.9	30
25	---	---	---	---	e40	29	22	15	17	e123	7.7	16
26	---	---	---	---	e32	27	19	14	17	e32	7.7	11
27	---	---	---	---	e20	25	17	14	16	e19	7.6	9.5
28	---	---	---	---	e14	24	18	14	15	e16	8.5	9.0
29	---	---	---	---	---	55	17	37	15	e23	11	8.0
30	---	---	---	---	---	48	17	23	15	25	12	7.7
31	---	---	---	---	---	35	---	15	---	16	11	---
TOTAL	---	---	---	---	---	1617	719	524	1130	536.2	326.0	309.3
MEAN	---	---	---	---	---	52.2	24.0	16.9	37.7	17.3	10.5	10.3
MAX	---	---	---	---	---	350	51	37	130	123	15	30
MIN	---	---	---	---	---	10	17	12	15	8.1	7.6	7.3
CFSM	---	---	---	---	---	2.93	1.35	.95	2.12	.97	.59	.58
IN.	---	---	---	---	---	3.38	1.50	1.10	2.36	1.12	.68	.65

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

	WY	MEAN	MAX	MIN	CFSM	IN.
MEAN	2001	52.2	24.0	16.9	37.7	17.3
MAX	2001	52.2	24.0	16.9	37.7	17.3
(WY)	2001	2001	2001	2001	2001	2001
MIN	2001	52.2	24.0	16.9	37.7	17.3
(WY)	2001	2001	2001	2001	2001	2001

STATISTICS COMPUTED BY: gabailey

DATE: 04/04/2002 AT: 14:12:29

e Estimated

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	---	3.14	2.85	3.71	2.80	2.81	2.86
2	---	---	---	---	---	---	3.08	2.85	3.43	2.84	2.78	2.74
3	---	---	---	---	---	3.21	3.42	2.83	3.74	2.92	2.77	2.80
4	---	---	---	---	---	4.05	3.37	2.82	3.89	2.85	2.76	2.93
5	---	---	---	---	---	3.45	3.23	2.80	3.54	2.85	2.77	2.78
6	---	---	---	---	---	3.26	3.15	2.79	3.61	2.78	2.83	2.73
7	---	---	---	---	2.81	3.19	3.10	2.78	3.57	2.76	2.85	2.71
8	---	---	---	---	2.80	3.14	3.07	2.78	3.36	2.75	2.76	2.68
9	---	---	---	---	2.80	3.09	3.04	2.78	3.19	2.75	2.74	2.67
10	---	---	---	---	2.91	3.06	3.01	2.89	3.06	2.75	2.74	2.67
11	---	---	---	---	2.85	3.04	2.99	2.86	3.20	2.72	2.73	2.68
12	---	---	---	---	2.89	3.66	2.97	2.81	3.29	2.71	2.73	2.66
13	---	---	---	---	2.93	3.77	2.97	2.78	3.34	2.70	2.73	2.64
14	---	---	---	---	2.90	3.35	2.96	2.76	3.25	2.70	2.73	2.63
15	---	---	---	---	2.88	4.82	3.13	2.75	3.28	2.69	2.71	2.62
16	---	---	---	---	---	3.83	3.06	2.74	3.16	2.68	2.70	2.62
17	---	---	---	---	---	3.47	2.98	2.74	3.01	2.67	2.69	2.62
18	---	---	---	---	---	3.28	2.93	2.73	2.94	---	2.68	2.62
19	---	---	---	---	---	3.17	2.92	3.00	2.93	---	2.67	2.62
20	---	---	---	---	---	4.10	2.91	3.08	2.88	---	2.67	2.64
21	---	---	---	---	---	3.71	2.90	2.86	2.86	---	2.65	2.66
22	---	---	---	---	---	3.44	2.89	3.05	3.08	---	2.64	2.66
23	---	---	---	---	---	3.28	2.90	2.95	3.05	---	2.64	2.67
24	---	---	---	---	---	3.19	2.90	2.83	2.90	---	2.63	3.14
25	---	---	---	---	---	3.13	2.98	2.82	2.87	---	2.62	2.89
26	---	---	---	---	---	3.09	2.90	2.79	2.87	---	2.62	2.76
27	---	---	---	---	---	3.05	2.87	2.78	2.84	---	2.62	2.71
28	---	---	---	---	---	3.03	2.89	2.79	2.83	---	2.66	2.69
29	---	---	---	---	---	3.46	2.86	3.26	2.83	---	2.71	2.66
30	---	---	---	---	---	3.43	2.85	2.99	2.81	3.05	2.77	2.65
31	---	---	---	---	---	3.24	---	2.80	---	2.86	2.74	---
MEAN	---	---	---	---	---	---	3.01	2.85	3.18	---	2.71	2.71
MAX	---	---	---	---	---	---	3.42	3.26	3.89	---	2.85	3.14
MIN	---	---	---	---	---	---	2.85	2.73	2.81	---	2.62	2.62

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	.00	.02	.00	1.67	.18	.00	.19
2	---	---	---	---	---	.19	.00	.00	.00	.47	.00	.09
3	---	---	---	---	---	1.47	1.01	.00	1.24	.08	.00	.06
4	---	---	---	---	---	.01	.01	.00	.40	.49	.01	.07
5	---	---	---	---	---	.00	.16	.00	.00	.01	.08	.04
6	---	---	---	---	---	.00	.00	.00	.03	.00	.75	.16
7	---	---	---	---	.00	.00	.00	.00	.02	.00	.00	.00
8	---	---	---	---	.00	.00	.00	.00	.50	.00	.00	.00
9	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00
10	---	---	---	---	.30	.00	.00	.18	.00	.00	.14	.00
11	---	---	---	---	.00	.00	.00	.08	1.06	.03	.00	.00
12	---	---	---	---	.67	1.91	.00	.04	.89	.00	.00	.00
13	.00	---	---	---	.02	.00	.07	.00	.03	.00	.03	.00
14	.00	---	---	---	---	.22	.00	.00	.09	.00	.00	.00
15	.00	---	---	---	---	1.66	.51	.00	.49	.00	.00	.00
16	.00	---	---	---	---	.00	.00	.00	.01	.00	.00	.00
17	.00	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	---	---	.00	.00	.00	.00	---	.00	.00
19	---	---	---	---	---	.17	.00	.23	.00	---	.00	.04
20	---	---	---	---	---	1.75	.00	.25	.00	---	.00	.06
21	---	---	---	---	---	.05	.00	.01	.00	---	.00	.01
22	---	---	---	---	.00	.00	.00	1.01	1.24	---	.00	.00
23	---	---	---	---	.00	.00	.00	.00	.00	---	.00	.15
24	---	---	---	---	.00	.01	.39	.02	.00	---	.00	1.43
25	---	---	---	---	.00	.01	.11	.43	.00	---	.00	.00
26	---	---	---	---	.00	.00	.00	.01	.00	---	.00	.00
27	---	---	---	---	.00	.00	.00	.00	.00	---	.00	.00
28	---	---	---	---	.00	.01	.00	.94	.00	---	.00	.00
29	---	---	---	---	---	1.26	.00	.46	.01	.53	.03	.00
30	---	---	---	---	---	.00	.00	.00	.00	.01	.03	.00
31	---	---	---	---	---	.00	---	.25	---	.00	.06	---
TOTAL	---	---	---	---	---	8.72	2.28	3.91	7.68	---	1.13	2.30



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA**

**LOCATION.**—Lat 33°48'54", Long 83°59'25", Gwinnett County, Hydrologic unit 03070103, 10 feet downstream of bridge and 30 feet landward on County Road 368, 5.5 miles southeast of Snellville.

**DRAINAGE AREA.**—17.8 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** March 3, 2001 to September 30, 2001.

**WATER TEMPERATURE:** March 3, 2001 to September 30, 2001.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 104 microsiemens, September 22; minimum recorded, 22 microsiemens, March 12.

**WATER TEMPERATURE:** Maximum recorded, 24.8°C, August 18; minimum recorded, 7.5°C, March 10.

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), 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 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	---	---	39	76	60	61
2	---	---	---	---	---	---	---	---	---	72	59	69
3	---	---	---	68	39	60	---	---	---	78	63	71
4	---	---	---	57	35	54	---	---	---	74	66	70
5	---	---	---	63	56	59	---	---	---	71	64	69
6	---	---	---	67	59	63	59	55	---	78	61	71
7	---	---	---	65	60	64	59	53	56	78	64	71
8	---	---	---	70	60	67	66	57	61	80	66	75
9	---	---	---	72	60	65	64	51	60	80	66	72
10	---	---	---	71	61	69	64	59	63	79	65	71
11	---	---	---	71	55	63	69	60	64	74	64	68
12	---	---	---	70	22	---	65	59	62	76	66	---
13	---	---	---	---	---	46	66	58	62	77	66	71
14	---	---	---	---	---	50	73	61	65	78	61	70
15	---	---	---	---	---	35	70	49	---	77	64	73
16	---	---	---	---	---	36	52	44	---	82	64	75
17	---	---	---	---	---	37	60	50	56	88	63	75
18	---	---	---	---	---	39	60	54	58	95	64	75
19	---	---	---	---	---	41	61	52	---	85	64	---
20	---	---	---	---	---	31	65	52	60	---	---	---
21	---	---	---	---	---	---	59	53	56	---	---	---
22	---	---	---	55	52	53	61	53	59	60	37	48
23	---	---	---	59	54	56	82	56	62	60	49	51
24	---	---	---	60	55	---	72	62	68	66	54	59
25	---	---	---	---	---	---	68	59	65	67	56	---
26	---	---	---	62	61	---	69	59	65	65	57	63
27	---	---	---	65	55	62	68	63	64	66	57	64
28	---	---	---	62	50	54	69	55	63	68	54	60
29	---	---	---	55	31	46	73	61	68	55	37	48
30	---	---	---	---	---	41	72	60	67	59	47	51
31	---	---	---	---	---	41	---	---	---	64	55	61
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	68	52	61	76	64	70	76	53	61
2	---	---	---	64	35	62	78	62	70	83	60	70
3	---	---	---	60	32	46	75	60	69	79	54	75
4	---	---	---	65	42	54	76	60	68	68	52	59
5	---	---	---	70	41	55	73	54	66	77	66	74
6	---	---	---	70	47	---	74	56	67	75	61	73
7	---	---	---	76	57	67	71	56	61	79	70	74
8	---	---	---	71	59	64	74	60	---	80	66	72
9	---	---	---	74	59	66	80	54	---	80	71	74
10	---	---	---	60	31	43	81	61	---	85	71	81
11	---	---	---	48	30	39	---	---	---	86	69	81
12	78	68	---	53	36	42	---	---	---	84	74	81
13	91	68	84	67	50	55	---	---	---	85	69	78
14	---	---	---	67	49	59	---	---	---	82	70	80
15	---	---	---	58	48	54	---	---	---	94	76	82
16	---	---	---	62	54	59	86	71	76	96	67	87
17	---	---	---	78	54	74	86	76	80	91	77	84
18	---	---	---	---	---	---	83	70	76	90	80	88
19	---	---	---	---	---	---	82	65	77	94	67	82
20	---	---	---	---	---	---	81	68	77	86	75	81
21	---	---	---	---	---	---	78	53	70	88	68	78
22	---	---	---	---	---	---	71	57	64	104	65	78
23	---	---	---	---	---	---	82	65	77	86	65	72
24	---	---	---	---	---	---	84	73	80	73	38	54
25	---	---	---	---	---	---	84	70	77	64	40	58
26	---	---	---	---	---	---	81	68	77	74	53	65
27	---	---	---	---	---	---	83	65	79	75	68	70
28	71	51	66	---	---	---	86	73	80	74	65	72
29	73	61	66	---	---	---	87	49	77	75	61	72
30	71	54	61	64	49	54	73	47	67	82	65	78
31	---	---	---	75	57	68	75	61	73	---	---	---
MAX	---	---	---	---	---	---	---	---	---	104	80	88
MIN	---	---	---	---	---	---	---	---	---	64	38	54

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
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 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	14.6	11.2	12.2	19.2	15.8	17.7
2	---	---	---	---	---	---	13.9	10.2	---	19.2	16.0	17.8
3	---	---	---	14.6	13.7	13.9	---	---	---	19.2	15.4	17.6
4	---	---	---	14.8	13.0	14.3	---	---	---	19.6	15.4	17.8
5	---	---	---	13.0	11.0	12.1	---	---	---	20.0	16.0	18.4
6	---	---	---	11.4	8.9	10.2	17.1	13.4	---	20.3	17.7	19.2
7	---	---	---	11.5	8.2	9.6	18.4	14.5	16.7	19.1	16.7	18.1
8	---	---	---	12.4	7.9	9.8	19.6	15.2	17.4	18.1	15.9	17.2
9	---	---	---	11.7	9.2	10.9	19.9	15.9	18.0	18.7	16.5	17.3
10	---	---	---	11.9	7.5	9.5	20.6	16.7	19.0	18.8	16.7	18.0
11	---	---	---	13.0	8.0	10.3	20.7	17.3	18.9	19.4	16.4	18.6
12	---	---	---	12.6	11.4	---	19.9	16.9	18.6	17.7	17.7	---
13	---	---	---	14.3	12.1	12.7	19.5	18.0	18.7	20.1	16.9	18.4
14	---	---	---	13.9	11.1	12.5	19.3	16.2	18.0	19.0	14.9	17.3
15	---	---	---	13.2	11.0	12.3	18.7	16.8	---	19.7	15.6	17.9
16	---	---	---	14.6	11.9	13.1	18.4	16.4	---	20.9	16.5	19.1
17	---	---	---	13.8	11.7	12.7	16.4	12.8	14.8	21.3	17.6	19.6
18	---	---	---	14.0	10.9	12.1	14.3	11.4	12.7	21.8	17.6	19.8
19	---	---	---	12.5	10.4	11.3	14.8	10.5	---	20.5	17.9	19.5
20	---	---	---	10.9	7.8	9.3	16.1	11.7	14.1	21.5	19.9	20.9
21	---	---	---	10.9	9.6	---	17.8	13.8	16.0	22.0	20.4	20.8
22	---	---	---	13.2	9.6	11.2	18.8	15.0	17.2	21.0	18.6	20.0
23	---	---	---	14.2	10.1	11.9	19.3	15.8	18.0	19.7	16.6	18.4
24	---	---	---	14.2	10.3	---	18.7	16.7	17.7	19.8	16.5	18.3
25	---	---	---	---	---	---	17.4	15.7	16.7	18.6	17.1	---
26	---	---	---	---	---	---	17.4	14.6	15.9	19.1	15.3	17.5
27	---	---	---	12.7	8.0	10.1	17.8	13.6	16.0	20.5	16.9	18.9
28	---	---	---	12.2	8.1	10.5	18.5	14.3	17.0	19.8	18.5	18.9
29	---	---	---	11.3	9.5	10.0	18.6	16.5	17.6	22.4	19.1	21.1
30	---	---	---	13.1	10.2	11.3	18.6	16.2	17.5	22.1	19.8	20.8
31	---	---	---	13.9	11.6	12.5	---	---	---	20.1	18.4	19.4
MAX	---	---	---	---	---	---	---	---	---	22.4	20.4	---
MIN	---	---	---	---	---	---	---	---	---	17.7	14.9	---

STATION NUMBER 02207385 BIG HAYNES CREEK AT LENORA ROAD, NR SNELLVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334854 LONGITUDE 0835925 DRAINAGE AREA 17.8 DATUM STATE 13 COUNTY 135

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	23.2	21.2	22.1	23.6	21.9	23.0	22.5	21.6	22.0
2	---	---	---	23.1	21.3	22.4	23.1	21.4	22.1	22.1	21.3	21.7
3	---	---	---	24.4	21.5	22.5	22.9	20.9	22.1	21.9	21.3	21.6
4	---	---	---	23.2	21.8	22.5	23.3	21.6	22.5	22.7	21.8	22.2
5	---	---	---	23.6	21.2	22.1	23.5	21.9	22.5	23.5	21.3	22.5
6	---	---	---	23.3	20.4	---	23.3	21.9	22.7	23.5	21.5	22.4
7	---	---	---	22.8	20.2	21.6	23.9	21.8	23.0	23.5	21.4	22.1
8	---	---	---	23.4	20.9	22.2	24.0	22.2	---	23.1	20.9	21.8
9	---	---	---	24.6	22.0	23.0	24.5	22.4	---	22.7	20.8	21.9
10	---	---	---	24.3	22.0	23.1	---	---	---	23.4	21.6	22.2
11	---	---	---	24.8	22.2	23.2	---	---	---	23.3	21.6	22.4
12	---	---	---	24.5	22.1	23.2	---	---	---	23.0	21.0	22.1
13	22.8	20.7	21.7	23.6	22.2	22.9	---	---	---	22.2	19.1	20.6
14	23.6	21.4	22.3	23.0	21.0	22.0	---	---	---	21.8	18.5	20.4
15	23.3	21.9	22.5	23.0	20.3	21.4	---	---	---	20.4	17.3	18.9
16	23.3	21.7	22.4	22.4	19.7	21.2	24.0	21.6	22.5	18.8	15.3	17.1
17	22.9	20.3	22.0	23.1	19.7	21.4	24.2	21.6	23.1	18.9	14.9	16.9
18	22.9	20.5	21.8	---	---	---	24.8	22.2	23.0	19.4	15.4	17.8
19	22.5	20.3	21.5	---	---	---	24.1	21.9	22.7	19.8	17.3	18.8
20	22.5	20.0	21.5	---	---	---	23.7	21.3	22.4	21.5	19.1	19.8
21	22.5	20.1	21.5	---	---	---	22.8	19.3	21.0	21.1	17.3	19.4
22	21.8	20.7	21.5	---	---	---	22.7	19.1	21.1	21.4	17.9	19.9
23	22.6	21.0	21.6	---	---	---	23.0	19.7	21.2	21.7	18.7	20.8
24	21.9	19.6	---	---	---	---	23.7	20.2	21.8	21.2	20.4	20.8
25	21.6	20.0	20.7	---	---	---	23.1	20.5	21.7	20.4	16.9	18.6
26	21.7	20.1	20.6	---	---	---	23.3	20.5	22.1	17.7	14.8	16.4
27	22.5	20.0	21.5	---	---	---	24.0	20.9	22.2	17.6	13.8	16.0
28	22.6	20.5	21.7	---	---	---	22.4	21.0	22.0	18.1	14.6	16.4
29	23.1	21.0	22.2	---	---	---	23.6	21.4	22.5	17.5	15.1	16.1
30	23.0	21.2	22.0	24.2	22.8	23.6	23.2	22.2	22.6	16.7	13.6	15.3
31	---	---	---	24.1	22.7	23.4	22.9	21.8	22.4	---	---	---
MAX	---	---	---	---	---	---	---	---	---	23.5	21.8	22.5
MIN	---	---	---	---	---	---	---	---	---	16.7	13.6	15.3

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA**

**LOCATION.** – Lat 33°48'54", long 83°59'25", Gwinnett County, Hydrologic Unit 03070103, 30 feet upstream of bridge on County Road 368, and 5.5 miles southeast of Snellville.

**DRAINAGE AREA.** – 17.8 mi<sup>2</sup>.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**-- March 1, 2001 to September 30, 2001.

**REMARKS.**-- Laboratory analyses are by the U.S. Geological Survey, Florida District Water-Quality Laboratory, Ocala, Florida. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TUR- FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS- SOLVED OXYGEN, DIS- (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
OCT													
05...	0935	10	7.9	--	8.5	91	6.6	--	85	85	--	17.3	--
NOV													
09-09	0015	10	60	--	7.4	80	6.8	--	65	60	--	17.5	--
JAN													
19-19	0730	100	910	--	9.8	91	6.7	--	56	46	--	12.5	8
MAR													
12-12	0900	120	310	83	12.2	--	7.0	--	40	38	--	--	--
APR													
02...	1435	10	7.0	--	--	--	6.7	7.2	59	57	--	--	12
19...	1345	10	--	--	--	--	6.9	7.4	68	67	21.0	15.9	14
24...	1415	10	6.7	--	--	--	6.9	6.8	66	66	--	19.3	14
30...	1335	20	5.2	--	8.8	96	7.0	7.2	66	66	--	18.3	14
JUL													
18...	0925	10	6.3	6.7	7.9	88	6.8	7.4	68	67	--	20.5	14
AUG													
23...	1125	<5	5.2	--	--	--	7.2	7.7	80	78	--	--	16
AUG													
29-30	1930	5	88	23	7.2	82	7.1	7.4	74	70	--	22.3	13
SEP													
24-24	0842	40	560	660	7.4	83	6.8	6.3	52	47	--	21.1	8



# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02207385 BIG HAYNES CREEK AT LENORA ROAD, NEAR SNELLVILLE, GA--continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	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)	RESIDUE TOTAL AT 105 DEG. C, PENDE (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN,AM- MONIA + ORGANIC (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)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)
OCT 05...	--	6.5	--	.90	3	52	.21	1.1	1.3	.070	.110	.7	--
NOV 09-09	--	4.2	--	.90	68	39	.65	.45	1.1	.030	.140	5.7	--
JAN 19-19	2.3	3.8	.500	1.80	940	41	2.5	.87	3.4	.020	.590	--	<.50
MAR 12-12	--	3.0	.500	.80	470	29	1.5	.52	2.0	<.020	.320	3.4	<.50
APR 02...	3.4	--	.800	.80	6	42	.26	.81	1.1	<.020	<.020	1.1	<.50
19...	4.2	--	.900	.90	4	48	.33	.91	1.2	.030	.050	.8	<.50
24...	4.1	--	.900	.90	7	44	.39	.78	1.2	.030	.060	2.6	<.50
30...	4.0	--	.900	.80	8	52	.38	.79	1.2	<.020	.040	.7	<.50
JUL 18...	4.2	--	.900	.90	4	54	.27	.92	1.2	.050	.060	E.1	<.50
AUG 23...	4.8	--	.890	.89	4	61	.30	1.1	1.4	.120	.150	.6	<.50
AUG 29-30	4.0	--	.760	.88	111	54	.60	1.1	1.7	.040	.210	3.0	<.50
SEP 24-24	2.5	--	.520	1.40	560	37	2.1	.70	2.8	.030	.350	3.6	<.50

1

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)	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 05...	<.50	--	<1.0	--	<2.0	--	650	--	<2.0	--	170	--	11
NOV 09-09	<.50	--	<1.0	--	<2.0	--	2100	--	3.3	--	380	--	13
JAN 19-19	<.50	<1.0	5.3	<2.0	7.6	150	15800	<2.00	28	83.0	1300	14	91
MAR 12-12	<.50	<1.0	1.5	<2.0	3.5	110	5500	<2.00	15	90.0	1200	7.0	53
APR 02...	<.50	<1.0	<1.0	<2.0	<2.0	140	580	<2.00	<2.0	150	160	7.0	11
19...	<.50	<1.0	<1.0	<2.0	<2.0	170	750	<2.00	<2.0	140	160	4.0	5.0
24...	<.50	<1.0	<1.0	<2.0	<2.0	180	850	<2.00	<2.0	120	150	4.0	8.0
30...	<.50	<1.0	<1.0	<2.0	<2.0	290	820	<2.00	<2.0	120	140	3.0	14
JUL 18...	<.50	<1.0	<1.0	<2.0	<2.0	290	800	<2.00	<2.0	150	150	5.0	6.0
AUG 23...	<.50	<1.0	<1.0	<2.0	<2.0	130	610	<2.00	<2.0	157	166	3.4	4.0
AUG 29-30	<.50	<1.0	<1.0	<2.0	<2.0	60	2860	<2.00	4.0	28.0	478	2.1	16
SEP 24-24	<.50	<1.0	3.2	<2.0	4.4	60	9110	<2.00	18	24.0	989	2.0	52

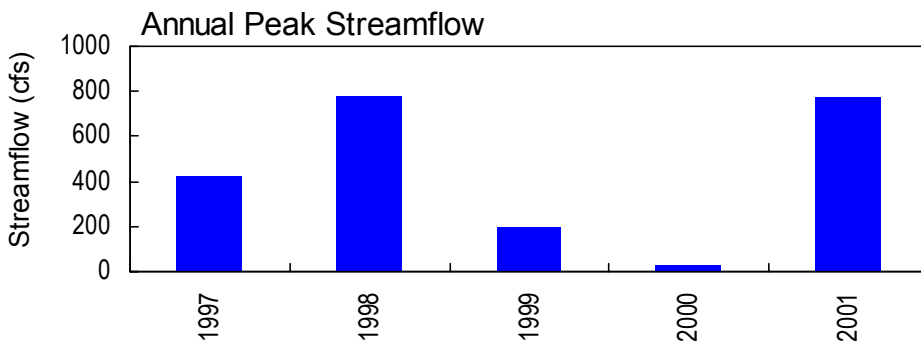
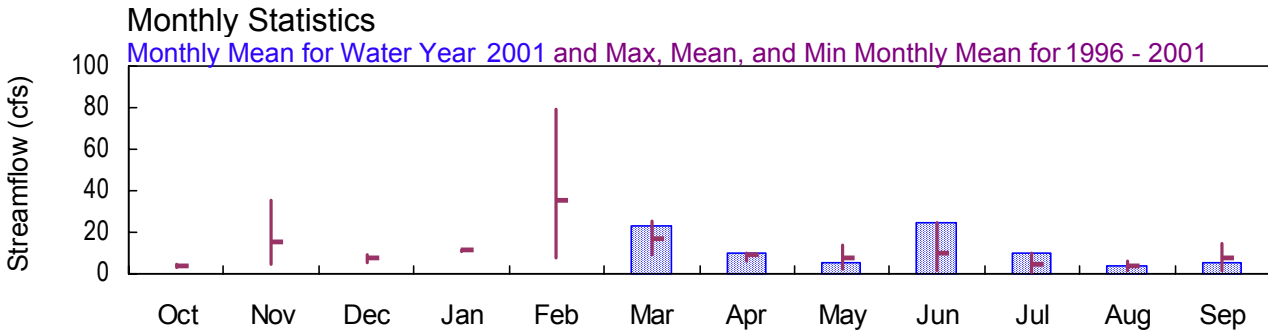
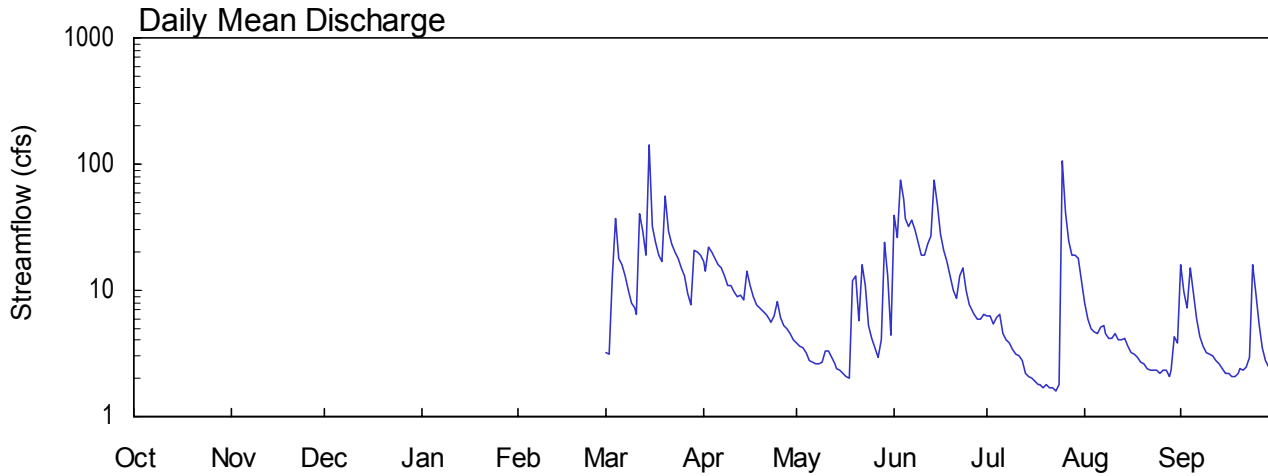


# ALTAMAHA RIVER BASIN

## 2001 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: 8.03 mi<sup>2</sup> Datum: 880 feet Period of Record: 1996 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA**

**LOCATION.**--Lat 33°49'16", long 83°56'32", Gwinnett County, Hydrologic Unit 0307103, at 3 barrel, 10' x 10' 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<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--March 1, 2001 to September 30, 2001.

**GAGE.**--Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 880 feet above sea level (from topographic map).

**REMARKS.**--Records good, except for the period of estimated discharge, which is fair.

**EXTREMES FOR CURRENT YEAR.**--Maximum discharge, 772 ft<sup>3</sup>/s, March 15; minimum daily discharge, 1.6 ft<sup>3</sup>/s, July 23.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--March 1, 2001 to September 30, 2001.

**GAGE.**--Satellite telemetry with a water stage recorder and a continuous water-quality monitor. Datum of gage is 880 feet above sea level (from topographic map).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height, 5.78 feet, March 15; minimum gage-height, 1.13 feet, July 23-24.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--March 1, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	3.2	17	3.8	39	6.2	8.0	16
2	---	---	---	---	---	3.1	14	3.6	26	6.2	5.9	9.8
3	---	---	---	---	---	13	22	e3.5	74	5.4	4.9	7.2
4	---	---	---	---	---	37	20	e3.2	52	6.1	4.7	15
5	---	---	---	---	---	18	18	2.8	37	6.5	4.6	9.5
6	---	---	---	---	---	16	16	2.7	32	4.6	5.1	6.0
7	---	---	---	---	---	13	15	2.6	36	4.1	5.3	4.3
8	---	---	---	---	---	9.9	13	2.6	30	3.8	4.6	3.6
9	---	---	---	---	---	8.0	11	2.7	24	3.4	4.2	3.2
10	---	---	---	---	---	7.2	11	3.3	19	3.1	4.2	3.1
11	---	---	---	---	---	6.4	9.6	3.3	19	3.0	4.5	3.0
12	---	---	---	---	---	40	9.0	2.9	23	2.8	4.1	2.8
13	---	---	---	---	---	29	9.1	2.6	27	2.2	4.0	2.6
14	---	---	---	---	---	19	8.5	2.4	75	2.1	4.2	2.4
15	---	---	---	---	---	141	14	2.3	48	2.0	3.6	2.2
16	---	---	---	---	---	32	11	2.2	28	1.9	3.2	2.2
17	---	---	---	---	---	24	8.8	2.1	21	1.8	3.1	2.1
18	---	---	---	---	---	19	7.7	2.0	17	1.8	2.9	2.1
19	---	---	---	---	---	17	7.3	12	13	1.7	2.7	2.2
20	---	---	---	---	---	56	6.9	13	10	1.8	2.6	2.4
21	---	---	---	---	---	29	6.4	5.7	8.7	1.7	2.4	2.3
22	---	---	---	---	---	23	5.9	16	13	1.7	2.3	2.5
23	---	---	---	---	---	20	5.6	11	15	1.6	2.3	2.9
24	---	---	---	---	---	18	6.2	5.2	10	1.8	2.3	16
25	---	---	---	---	---	15	8.1	4.2	7.8	107	2.2	9.4
26	---	---	---	---	---	13	6.1	3.5	7.3	42	2.3	5.4
27	---	---	---	---	---	9.5	5.3	2.9	6.5	25	2.3	3.5
28	---	---	---	---	---	7.7	5.0	4.0	5.9	19	2.1	2.8
29	---	---	---	---	---	21	4.6	24	5.9	19	2.3	2.5
30	---	---	---	---	---	20	4.0	13	6.5	18	4.3	2.3
31	---	---	---	---	---	19	---	4.4	---	12	3.8	---
TOTAL	---	---	---	---	---	707.0	306.1	169.5	736.6	319.3	115.0	151.3
MEAN	---	---	---	---	---	22.8	10.2	5.47	24.6	10.3	3.71	5.04
MAX	---	---	---	---	---	141	22	24	75	107	8.0	16
MIN	---	---	---	---	---	3.1	4.0	2.0	5.9	1.6	2.1	2.1
CFSM	---	---	---	---	---	2.84	1.27	.68	3.06	1.28	.46	.63
IN.	---	---	---	---	---	3.28	1.42	.79	3.41	1.48	.53	.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	1999	1997	1999	1999	1997	1999	2001	1997	2001	1997	1999	
MEAN	3.82	15.3	7.48	11.5	35.7	16.8	9.00	7.46	9.72	4.81	3.51	7.60
MAX	4.69	35.6	9.35	11.9	79.5	25.3	10.2	14.2	24.6	10.3	5.93	14.5
(WY)	1999	1997	1999	1999	1997	1997	2001	1997	2001	2001	1997	1997
MIN	2.95	4.95	5.60	11.0	7.61	9.09	6.12	2.33	1.42	1.12	1.65	1.22
(WY)	2000	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	1999

SUMMARY STATISTICS

WATER YEARS 1996 - 2001

ANNUAL MEAN	6.64
HIGHEST ANNUAL MEAN	7.43
LOWEST ANNUAL MEAN	5.86
HIGHEST DAILY MEAN	7850
LOWEST DAILY MEAN	.50
ANNUAL SEVEN-DAY MINIMUM	.59
MAXIMUM PEAK FLOW	772
MAXIMUM PEAK STAGE	5.78
INSTANTANEOUS LOW FLOW	.40
ANNUAL RUNOFF (CFSM)	.83
ANNUAL RUNOFF (INCHES)	11.24
10 PERCENT EXCEEDS	36
50 PERCENT EXCEEDS	5.5
90 PERCENT EXCEEDS	1.5

STATISTICS COMPUTED BY: gabailey

DATE: 04/02/2002 AT: 08:33:55

e Estimated

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	1.30	1.63	1.33	2.10	1.42	1.46	1.61
2	---	---	---	---	---	1.28	1.58	1.32	1.87	1.42	1.40	1.50
3	---	---	---	---	---	1.56	1.76	---	2.45	1.39	1.37	1.44
4	---	---	---	---	---	2.07	1.73	---	2.39	1.41	1.36	1.60
5	---	---	---	---	---	1.68	1.68	1.27	2.09	1.42	1.36	1.49
6	---	---	---	---	---	1.62	1.62	1.26	2.00	1.36	1.38	1.41
7	---	---	---	---	---	1.56	1.59	1.26	2.07	1.34	1.39	1.35
8	---	---	---	---	---	1.50	1.56	1.25	1.97	1.33	1.36	1.32
9	---	---	---	---	---	1.46	1.53	1.26	1.82	1.31	1.34	1.30
10	---	---	---	---	---	1.44	1.51	1.30	1.69	1.29	1.34	1.29
11	---	---	---	---	---	1.42	1.50	1.30	1.70	1.28	1.36	1.29
12	---	---	---	---	---	2.04	1.48	1.28	1.78	1.27	1.34	1.27
13	---	---	---	---	---	1.93	1.49	1.25	1.90	1.21	1.34	1.25
14	---	---	---	---	---	1.70	1.47	1.23	2.41	1.20	1.35	1.23
15	---	---	---	---	---	3.09	1.57	1.22	2.31	1.19	1.32	1.22
16	---	---	---	---	---	2.00	1.53	1.21	1.91	1.18	1.30	1.21
17	---	---	---	---	---	1.83	1.48	1.21	1.74	1.18	1.29	1.21
18	---	---	---	---	---	1.69	1.46	1.20	1.64	1.17	1.28	1.21
19	---	---	---	---	---	1.65	1.44	1.47	1.56	1.16	1.26	1.21
20	---	---	---	---	---	2.42	1.43	1.56	1.51	1.17	1.25	1.23
21	---	---	---	---	---	1.93	1.42	1.40	1.48	1.16	1.24	1.22
22	---	---	---	---	---	1.79	1.41	1.63	1.57	1.15	1.22	1.25
23	---	---	---	---	---	1.72	1.40	1.53	1.60	1.15	1.22	1.28
24	---	---	---	---	---	1.66	1.41	1.38	1.51	1.17	1.23	1.62
25	---	---	---	---	---	1.60	1.46	1.35	1.46	3.16	1.22	1.49
26	---	---	---	---	---	1.57	1.41	1.31	1.44	2.20	1.22	1.39
27	---	---	---	---	---	1.54	1.38	1.27	1.42	1.85	1.22	1.31
28	---	---	---	---	---	1.46	1.37	1.33	1.41	1.70	1.21	1.27
29	---	---	---	---	---	1.74	1.36	1.81	1.40	1.69	1.22	1.24
30	---	---	---	---	---	1.72	1.34	1.57	1.42	1.66	1.34	1.23
31	---	---	---	---	---	1.69	---	1.35	---	1.54	1.33	---
MEAN	---	---	---	---	---	1.73	1.50	---	1.79	1.42	1.31	1.33
MAX	---	---	---	---	---	3.09	1.76	---	2.45	3.16	1.46	1.62
MIN	---	---	---	---	---	1.28	1.34	---	1.40	1.15	1.21	1.21

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	.00	.01	.00	1.65	.27	.00	1.02
2	---	---	---	---	---	.18	.00	.00	.00	.05	.00	.24
3	---	---	---	---	---	1.51	.94	.00	1.08	.07	.00	.50
4	---	---	---	---	---	.02	.00	.00	.18	.18	.07	.11
5	---	---	---	---	---	.00	.11	.00	.00	.01	.00	.00
6	---	---	---	---	---	.00	.00	.00	.12	.00	.17	.02
7	---	---	---	---	---	.00	.00	.00	.01	.00	.00	.00
8	---	---	---	---	---	.00	.00	.00	.28	.01	.00	.00
9	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
10	---	---	---	---	---	.00	.00	.12	.00	.00	.24	.00
11	---	---	---	---	---	.00	.00	.03	.46	.00	.00	.01
12	---	---	---	---	---	1.83	.00	.00	1.04	.00	.00	.00
13	---	---	---	---	---	.01	.06	.00	.02	.00	.02	.00
14	---	---	---	---	---	.23	.00	.00	1.34	.00	.02	.00
15	---	---	---	---	---	1.70	.59	.00	.22	.00	.00	.00
16	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
17	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
19	---	---	---	---	---	.15	.00	1.55	.00	.00	.00	.10
20	---	---	---	---	---	1.73	.00	.03	.00	.00	.00	.02
21	---	---	---	---	---	.00	.00	.01	.00	.00	.00	.00
22	---	---	---	---	---	.00	.00	.81	.34	.00	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.14
24	---	---	---	---	---	.01	.35	.02	.00	.05	.00	.60
25	---	---	---	---	---	.00	.09	.12	.00	4.12	.00	.00
26	---	---	---	---	---	.00	.00	.00	.02	.00	.00	.00
27	---	---	---	---	---	.00	.00	.01	.00	.08	.00	.00
28	---	---	---	---	---	.01	.00	1.64	.00	.12	.00	.00
29	---	---	---	---	---	1.32	.00	.35	.16	.22	.04	.00
30	---	---	---	---	---	.00	.00	.00	.08	.00	.04	.00
31	---	---	---	---	---	.01	---	.14	---	.00	.01	---
TOTAL	---	---	---	---	---	8.71	2.15	4.83	7.00	5.18	0.61	2.76

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA**

**LOCATION.**—Lat 33°49'16", Long 84°56'32", Gwinnett County, Hydrologic unit 03070103, at 3 barrel, 10' x 10' concrete box culvert on Beaver Road, 2.6 miles southwest of Loganville, 3.4 miles upstream of Big Haynes Creek.

**DRAINAGE AREA.**—8.03 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** March 1, 2001 to September 30, 2001.

**WATER TEMPERATURE:** March 1, 2001 to September 30, 2001.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 65 microsiemens, May 19; minimum recorded, 14 microsiemens, April 6.

**WATER TEMPERATURE:** Maximum recorded, 25.9°C, August 9; minimum recorded, 6.7°C, March 10.

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

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 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	45	44	45	---	---	---	49	46	48
2	---	---	---	44	43	43	---	---	---	48	46	47
3	---	---	---	43	33	42	47	35	40	---	---	---
4	---	---	---	40	33	38	41	24	37	50	48	49
5	---	---	---	40	39	39	27	20	23	51	49	50
6	---	---	---	40	39	39	25	14	21	50	49	50
7	---	---	---	41	40	40	21	16	19	51	48	49
8	---	---	---	41	41	41	24	21	22	50	48	50
9	---	---	---	42	41	41	25	24	25	51	49	49
10	---	---	---	41	41	41	28	26	27	51	48	49
11	---	---	---	41	41	41	31	28	29	49	47	48
12	---	---	---	41	26	37	34	31	33	49	47	48
13	---	---	---	37	31	34	35	33	34	49	47	48
14	---	---	---	38	35	37	37	35	36	49	47	48
15	---	---	---	35	20	27	38	35	37	50	48	49
16	---	---	---	---	---	---	37	34	36	51	48	50
17	---	---	---	---	---	---	35	34	34	52	49	51
18	---	---	---	---	---	---	37	35	36	53	51	52
19	---	---	---	---	---	---	38	37	38	65	34	49
20	---	---	---	---	---	---	39	38	38	47	44	45
21	---	---	---	---	---	---	40	39	39	51	47	49
22	---	---	---	38	37	37	41	40	41	59	33	45
23	---	---	---	39	38	38	44	41	43	47	41	44
24	---	---	---	41	39	40	45	44	44	49	47	48
25	---	---	---	42	39	41	44	43	43	49	48	48
26	---	---	---	43	41	42	46	44	45	49	48	48
27	---	---	---	43	40	41	47	45	46	49	46	48
28	---	---	---	45	43	44	47	45	46	55	39	46
29	---	---	---	44	35	40	47	45	46	40	33	38
30	---	---	---	---	---	---	49	46	48	43	37	39
31	---	---	---	---	---	---	---	---	---	48	42	44
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	48	30	37	47	45	46	47	46	47	52	45	47
2	38	34	36	47	46	46	49	47	48	48	45	47
3	37	24	32	47	46	47	49	49	49	50	48	49
4	36	29	33	51	45	47	50	48	49	52	45	48
5	37	30	35	53	46	47	50	48	48	50	47	48
6	38	33	36	48	47	47	49	47	49	51	49	50
7	35	34	34	48	47	48	48	47	47	51	50	51
8	35	34	35	49	47	48	49	48	49	53	51	52
9	37	35	36	50	48	49	49	49	49	53	51	52
10	39	35	38	51	49	50	49	48	49	52	51	51
11	42	37	39	52	49	51	49	47	48	54	52	52
12	41	35	39	52	51	51	49	48	48	54	52	53
13	40	37	39	53	52	52	50	48	49	53	51	52
14	47	27	39	55	51	53	48	46	47	55	51	52
15	38	34	37	54	50	52	48	47	47	52	50	51
16	40	37	39	56	50	52	48	47	47	52	50	50
17	42	40	41	54	48	50	48	47	48	50	48	49
18	43	41	42	53	48	50	49	47	48	48	47	48
19	44	42	43	51	49	50	48	47	48	52	48	48
20	45	43	44	51	49	50	48	47	47	50	48	49
21	43	42	43	53	49	51	50	47	47	52	48	50
22	45	42	44	52	48	50	47	46	46	51	46	48
23	44	43	43	52	48	50	48	45	46	48	45	47
24	48	42	43	52	49	50	47	45	46	49	40	46
25	45	44	45	51	19	31	47	45	46	46	44	45
26	45	45	45	39	33	37	48	46	46	46	44	45
27	45	45	45	41	39	46	50	46	48	46	44	45
28	47	45	46	45	41	43	49	47	48	47	45	46
29	47	45	46	44	38	42	49	47	48	47	45	46
30	47	45	46	44	41	43	50	45	47	49	45	47
31	---	---	---	46	44	45	48	46	47	---	---	---
MONTH	48	24	40	56	19	48	50	45	48	55	40	49

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
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 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

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	---	---	---	15.9	11.0	13.5	15.8	11.2	13.0	21.5	16.2	18.6
2	---	---	---	15.1	12.7	13.8	15.8	10.6	12.8	21.5	16.2	19.1
3	---	---	---	14.7	13.8	14.2	13.1	11.5	12.3	---	---	---
4	---	---	---	15.6	13.0	14.4	16.5	12.4	14.1	---	---	---
5	---	---	---	13.8	10.3	12.0	15.2	13.9	14.5	22.4	16.2	19.2
6	---	---	---	11.5	7.8	9.7	19.1	13.6	15.8	22.0	18.2	20.0
7	---	---	---	12.0	6.9	9.2	20.3	14.9	17.3	19.9	17.3	18.5
8	---	---	---	13.6	7.3	10.3	21.7	15.7	18.4	19.3	16.0	17.6
9	---	---	---	12.5	8.8	10.8	22.3	16.4	19.1	20.0	16.8	18.1
10	---	---	---	13.1	6.7	9.6	23.2	17.3	19.9	20.0	16.9	18.5
11	---	---	---	14.5	7.7	10.9	22.8	18.1	20.2	21.7	16.4	19.0
12	---	---	---	12.6	11.7	12.0	22.4	17.7	19.8	21.9	18.1	19.8
13	---	---	---	16.5	11.9	13.6	21.1	18.9	19.8	21.7	17.0	19.2
14	---	---	---	15.4	11.2	13.2	21.9	16.8	19.1	21.0	15.1	18.0
15	---	---	---	13.8	11.1	12.4	20.5	17.4	18.6	21.4	16.0	18.6
16	---	---	---	16.4	11.9	13.7	20.4	16.0	18.0	22.9	16.9	19.8
17	---	---	---	15.2	11.5	13.2	16.9	13.0	15.3	23.2	17.9	20.5
18	---	---	---	15.2	10.7	12.7	16.6	11.4	13.6	23.5	18.0	20.7
19	---	---	---	13.4	10.4	11.7	17.5	10.8	13.9	21.1	18.3	19.9
20	---	---	---	10.8	7.8	8.9	---	---	---	21.7	19.7	20.6
21	---	---	---	11.0	8.8	9.2	20.4	14.4	17.0	23.1	20.2	21.4
22	---	---	---	14.4	8.6	11.1	21.7	15.5	18.3	21.5	18.9	20.5
23	---	---	---	16.1	9.9	12.7	22.3	16.3	19.1	21.3	16.5	18.7
24	---	---	---	15.6	10.7	13.1	20.5	17.5	18.8	21.6	16.6	18.9
25	---	---	---	16.0	11.3	13.4	19.1	16.2	17.4	19.1	17.6	18.4
26	---	---	---	14.1	8.8	11.3	19.9	14.8	17.0	21.0	15.5	18.1
27	---	---	---	14.5	7.5	10.6	20.8	14.1	17.2	22.3	17.1	19.4
28	---	---	---	13.3	7.6	10.4	21.8	15.0	18.1	20.9	18.9	19.7
29	---	---	---	11.4	9.3	9.9	20.7	16.9	18.6	23.5	19.8	21.3
30	---	---	---	14.7	9.7	11.7	20.6	16.7	18.5	23.8	19.7	21.5
31	---	---	---	14.6	11.6	12.9	---	---	---	21.6	19.1	20.3
MONTH	---	---	---	16.5	6.7	11.8	---	---	---	---	---	---

STATION NUMBER 02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NR LOGANVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334917 LONGITUDE 0835633 DRAINAGE AREA 8.03 DATUM STATE 13 COUNTY 135

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.5	19.5	20.0	25.7	22.0	23.6	25.7	23.1	24.2	24.0	22.3	23.1
2	22.9	19.8	21.2	25.4	22.3	23.8	25.1	22.5	23.6	23.9	22.8	23.3
3	23.6	20.0	21.1	25.4	22.5	23.7	24.9	21.9	23.2	23.6	22.5	22.9
4	23.9	20.4	21.8	24.7	22.4	23.4	25.0	22.5	23.6	23.9	22.5	23.1
5	24.3	21.2	22.8	25.7	21.8	23.3	25.0	22.7	23.7	25.5	22.2	23.6
6	24.6	21.7	22.9	25.8	21.2	23.0	24.7	22.6	23.5	24.9	22.8	23.9
7	23.8	22.4	23.1	25.0	21.1	22.9	25.5	22.4	23.8	24.9	22.4	23.5
8	24.3	22.3	23.1	25.5	21.8	23.5	25.6	22.9	23.9	24.2	21.7	22.8
9	23.7	22.0	22.8	26.3	22.9	24.4	25.9	22.9	24.3	23.8	21.4	22.7
10	25.4	21.3	23.1	26.1	22.6	24.2	25.3	23.1	24.2	24.9	22.4	23.5
11	23.4	21.9	22.5	26.6	22.9	24.6	25.1	22.8	23.8	24.4	22.4	23.3
12	21.9	21.2	21.4	26.2	22.9	24.4	24.8	22.9	23.7	23.7	21.5	22.9
13	25.3	21.1	22.9	24.5	22.6	23.6	24.4	23.0	23.6	22.9	19.5	21.2
14	25.8	22.1	23.4	24.0	21.1	22.5	25.5	22.2	23.5	22.6	18.9	20.8
15	25.2	22.1	23.4	23.6	20.4	22.0	25.3	21.9	23.5	21.1	17.6	19.2
16	25.3	22.4	23.8	23.1	19.8	21.5	25.1	22.3	23.5	19.4	15.4	17.5
17	25.6	21.4	23.5	23.8	19.7	21.8	25.7	22.1	23.7	19.4	15.0	17.3
18	26.1	21.6	23.6	23.9	20.1	22.1	25.7	22.8	24.2	19.8	15.6	17.8
19	24.9	21.5	23.1	23.9	20.9	22.4	25.0	22.4	23.7	20.4	17.5	19.0
20	25.0	20.9	22.9	23.7	21.8	22.7	24.6	22.1	23.3	21.9	19.4	20.5
21	24.7	21.1	22.9	23.0	21.3	22.0	23.6	19.7	21.7	21.3	17.5	19.6
22	22.9	21.4	22.2	23.5	20.0	21.7	23.5	19.5	21.4	21.7	17.7	19.8
23	24.6	21.0	22.6	23.7	19.7	21.9	23.8	20.0	21.8	22.3	18.7	20.6
24	24.4	20.6	22.3	22.8	21.7	22.3	24.5	20.5	22.3	21.5	19.8	21.0
25	23.6	21.0	22.1	24.3	22.1	23.7	23.9	20.9	22.4	19.8	17.0	18.4
26	23.5	20.9	22.0	26.9	23.7	25.1	24.1	20.8	22.5	18.7	14.9	16.8
27	24.7	20.7	22.5	---	---	---	24.6	21.2	22.9	18.7	14.3	16.5
28	24.8	21.2	22.8	25.9	23.9	24.4	23.9	21.1	22.3	18.6	14.7	16.7
29	25.2	21.7	23.2	25.4	23.6	24.3	24.1	21.6	22.7	17.7	15.1	16.4
30	25.2	22.0	23.3	26.5	23.7	24.9	23.6	22.3	22.8	17.2	14.0	15.7
31	---	---	---	26.1	24.0	25.0	23.6	22.2	22.9	---	---	---
MONTH	26.1	19.5	22.6	---	---	---	25.9	19.5	23.2	25.5	14.0	20.4

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA**

**LOCATION.**--Lat 33°49'16", long 83°56'32", Gwinnett County, Hydrologic Unit 0307103, at 3 barrel, 10' x 10' concrete box culvert on Beaver Road, 2.6 miles southwest of Loganville, and 3.4 miles upstream of Big Haynes Creek.

**DRAINAGE AREA.** --8.03 mi<sup>2</sup>.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**-- March 1, 2001 to September 30, 2001.

**REMARKS.**-- Laboratory analyses are by the U.S. Geological Survey, Florida District Water-Quality Laboratory, Ocala, Florida. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- WATER ITY (NTU) (00076)	TUR- BID- WATER ITY UNFLTRD (NTU) (61028)	OXYGEN, DIS- SOLVED (PER- CENT SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
OCT													
05...	1100	40	14	--	8.3	91	6.4	--	53	53	--	18.2	--
JAN													
19-19	0730	480	1200	--	7.8	72	6.8	--	43	39	--	12.0	--
MAR													
02-04	2300	140	620	--	--	--	8.1	6.4	40	37	--	--	8
MAR													
12-12	0900	200	610	--	--	--	6.8	--	35	34	--	--	7
APR													
02...	1230	20	25	--	--	--	6.4	7.0	43	46	--	15.3	9
19...	1215	40	15	--	--	--	7.0	7.0	45	44	20.5	14.9	10
30...	1106	80	18	--	8.5	91	7.1	6.8	46	46	--	18.5	11
JUL													
18...	0810	10	18	20	7.8	86	6.7	7.3	50	50	24.0	20.5	12
JUL													
25-25	0030	80	--	370	7.2	85	6.5	6.5	34	37	--	23.4	6
AUG 29-													
SEP 01	1830	20	53	260	7.6	88	7.1	7.2	48	25	--	22.7	9
SEP													
24-24	0600	20	--	--	7.7	89	6.6	6.4	48	41	--	21.3	8

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02207400 BRUSHY FORK CREEK AT BEAVER ROAD, NEAR LOGANVILLE, GA--continued.**

DATE	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)	RESIDUE TOTAL AT 105 SUS- PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DIS- SOLVED (MG/L) (70300)	NITRO- GEN,AM- MONIA + 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)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)
OCT 05...	--	3.7	--	.80	6	42	.40	.21	.61	.040	.080	.7	--
JAN 19-19	--	2.9	--	1.80	920	46	1.9	.58	2.5	.030	.390	--	--
MAR 02-04	2.4	3.4	.600	1.90	890	34	1.6	.53	2.1	<.020	.360	2.9	<.50
MAR 12-12	1.9	2.5	.500	.90	710	22	1.6	.44	2.0	<.020	.330	2.9	<.50
APR 02...	2.5	--	.600	.60	18	34	.40	.36	.76	<.020	.030	1.7	<.50
APR 19...	2.8	--	.700	.70	10	31	.47	.27	.74	<.020	.060	1.4	<.50
APR 30...	3.1	--	.700	.70	10	42	.36	.26	.62	.030	.090	1.0	<.50
JUL 18...	3.6	--	.800	.80	9	40	.45	.38	.83	<.020	.030	E.3	<.50
JUL 25-25	1.8	--	.430	2.10	739	155	1.8	.29	2.1	.020	.430	1.3	<.50
AUG 29- SEP 01	2.8	--	.636	.71	58	E42c	.33	.18	.51	<.020	.090	--	--
SEP 24-24	2.5	--	.520	.86	254	35	1.3	.22	1.5	<.020	.210	4.7	<.50

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)	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 05...	<.50	--	<1.0	--	<2.0	--	1500	--	<2.0	--	320	--	5.5
JAN 19-19	<.50	--	4.6	--	4.8	--	11900	--	20	--	580	--	43
MAR 02-04	<.50	<1.0	3.7	<2.0	5.2	260	11700	<2.00	20	110	640	5.0	48
MAR 12-12	<.50	<1.0	1.5	<2.0	3.2	200	4700	<2.00	14	120	370	5.0	25
APR 02...	<.50	<1.0	<1.0	<2.0	<2.0	220	1200	<2.00	<2.0	120	140	5.0	6.0
APR 19...	<.50	<1.0	<1.0	<2.0	<2.0	420	1800	<2.00	<2.0	140	170	2.0	7.0
APR 30...	<.50	<1.0	<1.0	<2.0	<2.0	760	2100	<2.00	<2.0	150	170	3.0	5.0
JUL 18...	<.50	<1.0	<1.0	<2.0	<2.0	540	1500	<2.00	<2.0	320	320	<2.0	7.0
JUL 25-25	<.50	<1.0	3.9	<2.0	4.5	250	14500	<2.00	20	153	896	2.7	45
AUG 29- SEP 01	<.50	.4	<1.0	.2	<2.0	770	3420	1.14	2.2	152	331	2.4	11
SEP 24-24	<.50	<1.0	1.5	<2.0	2.5	360	6350	<2.00	6.2	79.0	702	<2.0	17

0Remark codes used in this report:

- < -- Less than
- E -- Estimated value
- c -- Laboratory Holding Time Exceeded

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208050 ALCOVY RIVER NEAR LAWRENCEVILLE, GA**

**LOCATION.**--Lat 33°53'40", long 83°56'23", Gwinnett County, Hydrologic Unit 03070103, at bridge on US Highway 29, 3.2 miles northeast of Lawrenceville.

**DRAINAGE AREA.**—9.95 mi<sup>2</sup>.

**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 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:** 4.92 feet, April 18, 1969

**DISCHARGE:** 1,620 ft<sup>3</sup>/s, April 18, 1969

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 3.33 feet, July 25

**DISCHARGE:** 492 ft<sup>3</sup>/s, July 25

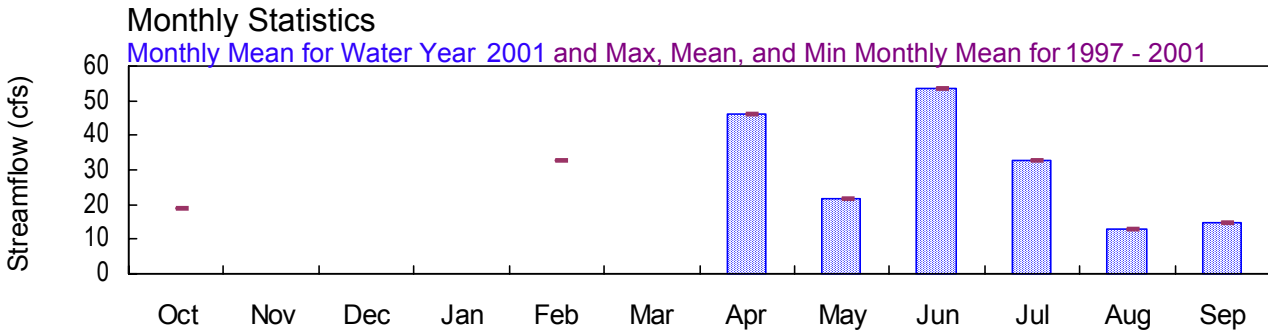
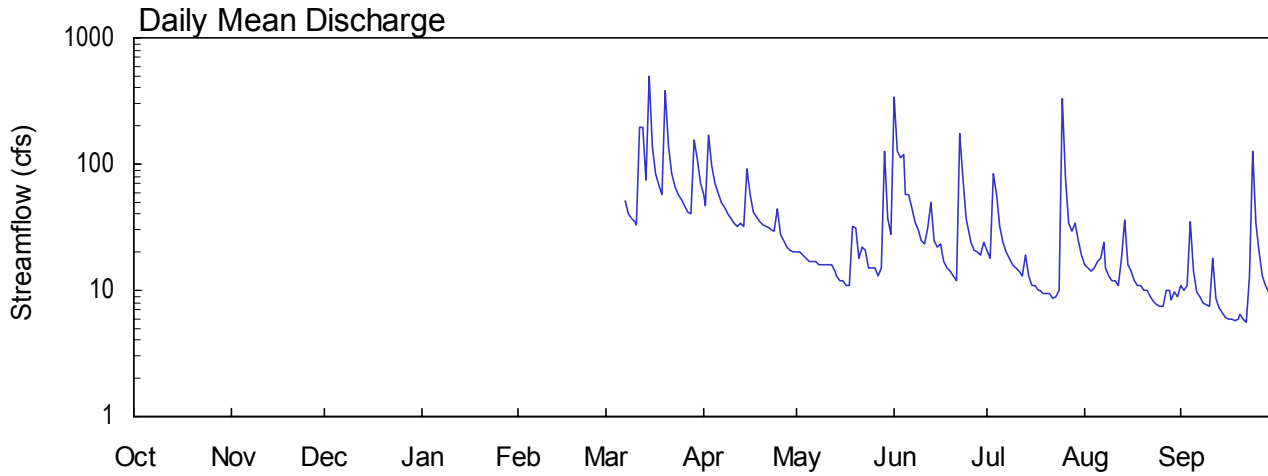


# ALTAMAHA RIVER BASIN

## 2001 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: 28.2 mi<sup>2</sup> Datum: 850 feet Period of Record: 1997 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA**

**LOCATION.**--Lat 33°55'03", long 83°53'17", Gwinnett County, Hydrologic Unit 03070103, 80 feet downstream of bridge at New Hope Road, and 4.2 miles northeast of Grayson.

**DRAINAGE AREA.**--28.2 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--March 7, 2001 to September 30, 2001.

**GAGE.**--Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 850.00 feet above sea level (from topographic map).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum discharge, 1,270 ft<sup>3</sup>/s, March 15; minimum daily discharge, 5.6 ft<sup>3</sup>/s, September 22.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--March 7, 2001 to September 30, 2001.

**GAGE.**--Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 850.00 feet above sea level (from topographic map).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height, 9.46 feet, March 15; minimum gage-height, 2.82 feet, September 22-23.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--March 7, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	---	58	20	336	21	16	11
2	---	---	---	---	---	---	47	20	125	18	15	10
3	---	---	---	---	---	---	170	19	112	85	14	11
4	---	---	---	---	---	---	98	18	118	58	15	35
5	---	---	---	---	---	---	70	17	58	32	17	14
6	---	---	---	---	---	---	59	17	58	24	18	9.8
7	---	---	---	---	---	51	50	17	46	20	24	8.8
8	---	---	---	---	---	41	45	16	35	18	15	8.0
9	---	---	---	---	---	37	41	16	30	16	13	7.8
10	---	---	---	---	---	35	37	16	25	15	12	7.5
11	---	---	---	---	---	33	34	16	23	14	12	18
12	---	---	---	---	---	196	32	16	31	13	11	8.7
13	---	---	---	---	---	198	34	14	49	19	18	7.3
14	---	---	---	---	---	75	32	13	25	13	36	6.7
15	---	---	---	---	---	501	92	12	22	11	16	6.1
16	---	---	---	---	---	138	58	12	23	11	14	5.9
17	---	---	---	---	---	85	42	11	17	10	12	6.0
18	---	---	---	---	---	68	38	11	15	10	11	5.8
19	---	---	---	---	---	58	35	32	14	9.4	e11	5.9
20	---	---	---	---	---	379	33	31	13	9.3	e10	6.4
21	---	---	---	---	---	137	32	18	12	9.5	e10	5.9
22	---	---	---	---	---	85	31	22	174	8.7	e9.0	5.6
23	---	---	---	---	---	67	30	21	76	8.8	8.2	13
24	---	---	---	---	---	57	29	15	37	10	7.8	125
25	---	---	---	---	---	52	44	15	28	333	7.5	34
26	---	---	---	---	---	47	28	15	24	76	7.4	20
27	---	---	---	---	---	42	25	13	21	34	10	13
28	---	---	---	---	---	41	22	15	20	29	10	11
29	---	---	---	---	---	155	21	127	19	34	8.3	9.6
30	---	---	---	---	---	110	20	37	24	25	9.8	9.2
31	---	---	---	---	---	70	---	28	---	19	8.9	---
TOTAL	---	---	---	---	---	---	1387	670	1610	1013.7	406.9	446.0
MEAN	---	---	---	---	---	---	46.2	21.6	53.7	32.7	13.1	14.9
MAX	---	---	---	---	---	---	170	127	336	333	36	125
MIN	---	---	---	---	---	---	20	11	12	8.7	7.4	5.6
CFSM	---	---	---	---	---	---	1.64	.77	1.90	1.16	.47	.53
IN.	---	---	---	---	---	---	1.83	.88	2.12	1.34	.54	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)

MEAN	18.8	---	---	---	32.6	---	46.2	21.6	53.7	32.7	13.1	14.9
MAX	18.8	---	---	---	32.6	---	46.2	21.6	53.7	32.7	13.1	14.9
(WY)	1999	---	---	---	2000	---	2001	2001	2001	2001	2001	2001
MIN	18.8	---	---	---	32.6	---	46.2	21.6	53.7	32.7	13.1	14.9
(WY)	1999	---	---	---	2000	---	2001	2001	2001	2001	2001	2001

SUMMARY STATISTICS

WATER YEARS 1997 - 2001

HIGHEST DAILY MEAN	1060	Nov 21 1999
LOWEST DAILY MEAN	5.6	Sep 22 2001
ANNUAL SEVEN-DAY MINIMUM	5.9	Sep 16 2001
10 PERCENT EXCEEDS	101	
50 PERCENT EXCEEDS	21	
90 PERCENT EXCEEDS	10	

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/08/2002 AT: 10:34:02

e Estimated

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	---	4.07	3.33	5.89	3.34	3.22	3.06
2	---	---	---	---	---	---	3.91	3.31	4.82	3.27	3.19	3.04
3	---	---	---	---	---	---	4.97	3.29	4.47	4.20	3.16	3.05
4	---	---	---	---	---	---	4.59	3.26	4.71	4.05	3.17	3.61
5	---	---	---	---	---	---	4.25	3.25	4.07	3.62	3.25	3.16
6	---	---	---	---	---	---	4.09	3.24	4.06	3.43	3.26	3.01
7	---	---	---	---	---	3.77	3.95	3.23	3.88	3.32	3.42	2.97
8	---	---	---	---	---	3.70	3.86	3.22	3.68	3.28	3.17	2.94
9	---	---	---	---	---	3.63	3.80	3.22	3.56	3.23	3.11	2.93
10	---	---	---	---	---	3.58	3.73	3.22	3.45	3.18	3.10	2.92
11	---	---	---	---	---	3.55	3.67	3.21	3.39	3.15	3.08	3.26
12	---	---	---	---	---	4.71	3.62	3.20	3.54	3.12	3.07	2.97
13	---	---	---	---	---	5.33	3.65	3.16	3.89	3.28	3.18	2.91
14	---	---	---	---	---	4.26	3.63	3.12	3.46	3.11	3.65	2.89
15	---	---	---	---	---	6.74	4.34	3.09	3.36	3.06	3.22	2.86
16	---	---	---	---	---	4.98	4.07	3.08	3.40	3.04	3.13	2.85
17	---	---	---	---	---	4.44	3.82	3.06	3.26	3.03	3.10	2.86
18	---	---	---	---	---	4.22	3.74	3.04	3.19	3.02	3.06	2.85
19	---	---	---	---	---	4.08	3.69	3.45	3.15	3.00	---	2.85
20	---	---	---	---	---	6.26	3.65	3.55	3.11	2.99	---	2.87
21	---	---	---	---	---	4.97	3.63	3.28	3.09	3.00	---	2.85
22	---	---	---	---	---	4.44	3.59	3.37	4.49	2.97	---	2.84
23	---	---	---	---	---	4.20	3.56	3.35	4.29	2.97	2.95	2.96
24	---	---	---	---	---	4.06	3.54	3.18	3.72	3.02	2.93	4.71
25	---	---	---	---	---	3.98	3.84	3.20	3.51	5.69	2.92	3.65
26	---	---	---	---	---	3.90	3.53	3.17	3.42	4.29	2.92	3.31
27	---	---	---	---	---	3.82	3.46	3.12	3.36	3.65	3.03	3.12
28	---	---	---	---	---	3.79	3.39	3.18	3.32	3.55	3.02	3.05
29	---	---	---	---	---	4.84	3.34	4.68	3.30	3.64	2.95	3.00
30	---	---	---	---	---	4.71	3.33	3.73	3.42	3.46	3.01	2.99
31	---	---	---	---	---	4.24	---	3.52	---	3.29	2.98	---
MEAN	---	---	---	---	---	---	3.81	3.30	3.74	3.40	---	3.08
MAX	---	---	---	---	---	---	4.97	4.68	5.89	5.69	---	4.71
MIN	---	---	---	---	---	---	3.33	3.04	3.09	2.97	---	2.84

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	---	.01	.00	1.53	.00	---	.05
2	---	---	---	---	---	---	.00	.00	.01	---	---	.07
3	---	---	---	---	---	---	.99	.00	1.08	---	---	.26
4	---	---	---	---	---	---	.00	.00	.37	---	---	.24
5	---	---	---	---	---	---	.04	.00	.01	---	---	.00
6	---	---	---	---	---	---	.00	.00	1.36	---	---	.01
7	---	---	---	---	---	---	.00	.00	.03	---	---	.00
8	---	---	---	---	---	.00	.00	.00	.08	---	---	.00
9	---	---	---	---	---	.00	.00	.00	.00	---	---	.00
10	---	---	---	---	---	.00	.00	.01	.00	---	---	.00
11	---	---	---	---	---	.00	.00	.00	.58	---	---	.00
12	---	---	---	---	---	1.37	.00	.00	.86	---	---	.01
13	---	---	---	---	---	.00	.07	.00	.02	---	---	.00
14	---	---	---	---	---	.13	.00	.00	.17	---	---	.00
15	---	---	---	---	---	1.71	.67	.00	.16	---	---	.00
16	---	---	---	---	---	.00	.00	.00	.00	---	---	.00
17	---	---	---	---	---	.00	.00	.00	.00	---	.12	.00
18	---	---	---	---	---	.00	.00	.00	.00	---	.00	.00
19	---	---	---	---	---	.06	.00	1.30	.00	---	.00	.07
20	---	---	---	---	---	1.70	.00	.09	.00	---	.01	.00
21	---	---	---	---	---	.01	.00	.00	.00	---	.00	.00
22	---	---	---	---	---	.00	.00	.64	1.31	---	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	---	.00	.12
24	---	---	---	---	---	.00	.37	.03	.00	---	.00	2.01
25	---	---	---	---	---	.00	.09	.13	.01	---	.00	.00
26	---	---	---	---	---	.00	.00	.00	.00	---	.26	.00
27	---	---	---	---	---	.00	.00	.00	.00	---	.00	.00
28	---	---	---	---	---	.00	.00	.60	.00	---	.00	.00
29	---	---	---	---	---	1.36	.00	.44	.13	---	.32	.00
30	---	---	---	---	---	.00	.00	.00	.26	---	.04	.00
31	---	---	---	---	---	.00	---	.18	---	---	.00	---
TOTAL	---	---	---	---	---	---	2.24	3.42	7.97	---	---	2.84

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA**

**LOCATION.**—Lat 33°55'03", Long 83°53'17", Gwinnett County, Hydrologic unit 03070103, 80 feet downstream of bridge at New Hope Road, 4.2 miles northeast of Grayson.

**DRAINAGE AREA.**—28.2 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** March 7, 2001 to September 30, 2001.

**WATER TEMPERATURE:** March 7, 2001 to September 30, 2001.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 103 microsiemens, September 20; minimum recorded, 34 microsiemens, March 15.

**WATER TEMPERATURE:** Maximum recorded, 26.5°C, July 11; minimum recorded, 5.9°C, March 10.

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

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 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	75	73	74	80	79	79
2	---	---	---	---	---	---	77	75	76	81	79	80
3	---	---	---	---	---	---	97	49	65	81	80	80
4	---	---	---	---	---	---	67	56	64	81	80	81
5	---	---	---	---	---	---	73	67	70	81	80	80
6	---	---	---	---	---	---	75	72	74	83	80	81
7	---	---	---	---	---	---	76	74	75	84	80	81
8	---	---	---	86	83	85	77	75	76	82	81	81
9	---	---	---	87	85	86	77	76	77	82	81	81
10	---	---	---	87	86	87	78	77	77	82	79	81
11	---	---	---	87	86	86	79	77	78	81	78	80
12	---	---	---	87	40	74	80	78	79	82	80	81
13	---	---	---	66	44	59	81	78	79	81	80	81
14	---	---	---	71	66	68	84	78	80	83	81	82
15	---	---	---	70	34	51	78	60	72	84	82	83
16	---	---	---	66	57	63	73	65	70	83	82	82
17	---	---	---	72	67	70	76	73	75	83	81	82
18	---	---	---	77	72	74	79	76	77	84	82	82
19	---	---	---	89	74	77	78	77	77	84	59	76
20	---	---	---	75	37	55	79	77	77	79	70	76
21	---	---	---	65	54	61	78	76	77	82	76	79
22	---	---	---	72	65	69	79	77	78	84	75	80
23	---	---	---	73	71	72	78	77	77	86	76	80
24	---	---	---	75	73	75	77	76	77	80	77	79
25	---	---	---	77	75	76	83	72	76	81	79	80
26	---	---	---	78	76	77	78	72	75	83	81	82
27	---	---	---	78	76	78	80	78	79	83	81	82
28	---	---	---	79	72	78	80	79	80	85	77	80
29	---	---	---	77	50	68	80	79	79	81	52	62
30	---	---	---	68	53	62	80	79	80	75	67	72
31	---	---	---	73	68	71	---	---	---	79	75	77
MONTH	---	---	---	---	---	---	97	49	76	86	52	79



STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	77	45	61	81	76	79	86	85	85	83	77	79
2	67	53	62	82	79	81	86	85	86	82	71	77
3	71	49	66	94	57	78	86	81	84	74	71	73
4	68	49	62	85	60	74	82	79	81	74	56	63
5	76	63	71	86	76	82	86	75	79	74	63	69
6	77	46	69	88	83	85	81	62	78	77	74	76
7	76	69	73	89	87	87	83	62	77	78	76	77
8	82	76	79	90	88	88	84	78	80	79	78	79
9	83	77	79	89	88	88	83	81	82	80	79	79
10	83	78	81	90	88	89	82	81	81	83	78	79
11	83	71	80	93	89	90	82	81	82	91	72	77
12	84	70	81	92	86	90	83	81	82	79	74	77
13	80	69	74	95	75	86	82	55	80	82	79	80
14	83	78	80	90	75	84	77	53	71	83	80	81
15	83	81	82	91	88	89	83	76	80	83	81	82
16	89	78	85	91	88	89	87	83	84	83	81	82
17	84	77	80	90	88	89	88	86	87	84	82	83
18	85	82	83	92	87	89	90	87	88	85	83	84
19	86	83	84	90	87	89	91	87	89	86	83	84
20	86	83	85	90	88	89	103	88	90	85	83	84
21	85	84	85	91	88	89	91	87	89	86	85	85
22	85	45	71	92	88	89	90	87	88	86	85	86
23	76	54	67	91	86	88	89	85	87	89	83	85
24	78	74	76	91	82	87	88	85	86	85	48	59
25	80	76	78	96	39	66	88	84	87	74	64	69
26	82	79	80	71	56	65	89	81	87	79	74	76
27	81	79	81	80	71	76	90	78	85	80	79	79
28	81	80	80	81	77	80	91	82	86	83	80	81
29	82	80	81	83	76	81	92	79	88	83	82	82
30	85	78	82	84	77	81	83	78	81	84	83	83
31	---	---	---	87	83	85	80	76	77	---	---	---
MONTH	89	45	77	96	39	84	103	53	83	91	48	78

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
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 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

## 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	---	---	---	---	---	---	14.6	10.6	12.4	20.1	15.7	17.9
2	---	---	---	---	---	---	13.5	9.6	11.5	20.1	15.7	18.0
3	---	---	---	---	---	---	12.1	11.0	11.5	20.2	15.1	17.7
4	---	---	---	---	---	---	15.2	11.9	13.4	20.5	14.9	17.8
5	---	---	---	---	---	---	15.0	13.3	14.0	21.1	15.8	18.5
6	---	---	---	---	---	---	17.4	12.6	14.8	21.1	17.9	19.5
7	---	---	---	---	---	---	18.8	14.7	16.8	19.8	17.2	18.4
8	---	---	---	11.4	6.3	9.0	20.4	15.3	17.8	18.3	15.7	17.1
9	---	---	---	10.5	8.4	9.9	21.0	16.2	18.7	18.9	16.3	17.5
10	---	---	---	10.9	5.9	8.5	21.7	16.8	19.3	19.8	16.7	18.2
11	---	---	---	12.3	6.7	9.5	21.5	17.7	19.6	20.3	16.4	18.5
12	---	---	---	12.5	10.5	11.2	20.7	17.2	19.0	20.5	17.7	19.2
13	---	---	---	14.7	11.8	13.0	20.2	18.3	19.1	20.9	16.7	18.8
14	---	---	---	13.2	10.1	12.0	20.2	16.1	18.3	---	---	---
15	---	---	---	12.8	11.1	11.8	18.6	17.0	17.8	20.4	15.6	17.7
16	---	---	---	14.6	10.8	12.5	19.0	16.2	17.6	21.7	16.6	19.2
17	---	---	---	13.3	10.7	12.1	16.6	12.7	14.7	22.3	17.8	20.1
18	---	---	---	13.5	9.9	11.7	14.5	10.3	12.4	22.8	18.1	20.5
19	---	---	---	11.6	9.2	10.6	15.0	9.5	12.3	20.9	18.4	19.4
20	---	---	---	10.4	7.1	8.3	16.5	10.9	13.7	20.8	19.2	19.9
21	---	---	---	10.6	8.5	9.5	18.6	13.3	15.9	22.1	19.5	20.7
22	---	---	---	13.3	8.6	10.9	20.1	14.8	17.4	21.2	18.4	19.9
23	---	---	---	14.1	9.5	11.9	20.6	15.6	18.1	19.9	15.6	17.8
24	---	---	---	13.1	9.7	11.7	19.0	16.7	17.9	19.9	15.7	17.8
25	---	---	---	14.6	11.1	12.6	17.8	15.7	16.8	18.6	17.3	17.8
26	---	---	---	12.5	8.9	10.7	18.0	13.8	15.8	19.8	15.0	17.4
27	---	---	---	12.0	6.8	9.4	18.7	13.0	15.9	21.1	16.6	18.7
28	---	---	---	11.2	6.9	9.2	19.7	13.9	16.8	20.4	18.4	19.3
29	---	---	---	10.4	8.9	9.4	19.4	16.1	17.7	22.1	19.3	20.6
30	---	---	---	13.0	9.2	11.0	19.1	15.9	17.5	21.8	18.4	20.2
31	---	---	---	13.5	11.4	12.5	---	---	---	20.7	18.4	19.5
MONTH	---	---	---	---	---	---	21.7	9.5	16.1	---	---	---

STATION NUMBER 02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335503 LONGITUDE 0835317 DRAINAGE AREA 28.2 DATUM STATE 13 COUNTY 135

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.2	19.1	19.6	24.3	21.7	22.9	24.7	22.7	23.7	22.7	21.5	22.1
2	20.9	19.1	20.0	24.8	21.8	23.3	24.2	22.2	23.2	22.5	21.2	21.8
3	21.0	18.3	19.7	24.8	22.6	23.6	23.9	21.8	22.9	22.2	21.4	21.7
4	21.6	19.3	20.4	24.4	22.8	23.6	24.1	22.5	23.3	22.8	21.8	22.2
5	22.3	20.1	21.2	25.1	22.3	23.6	24.4	22.7	23.5	23.8	21.2	22.3
6	21.8	20.2	21.1	24.9	21.4	23.0	24.0	22.7	23.4	23.7	21.5	22.7
7	21.5	20.4	21.0	23.8	21.1	22.5	24.6	22.5	23.6	23.5	21.2	22.4
8	22.2	20.3	21.1	24.6	21.5	23.0	25.3	22.9	24.1	23.3	20.8	21.9
9	21.4	20.1	20.7	25.8	22.9	24.2	25.2	23.3	24.1	22.9	20.9	22.0
10	22.5	18.9	20.7	25.6	23.0	24.2	25.2	23.3	24.2	23.5	21.7	22.7
11	21.5	20.2	20.9	26.5	23.1	24.7	24.9	23.0	23.9	24.1	22.7	23.3
12	20.8	20.0	20.3	25.9	23.4	24.7	24.5	23.0	23.8	23.6	21.9	22.9
13	24.0	20.5	22.0	25.0	23.2	24.0	24.7	23.2	23.8	22.2	19.6	21.1
14	24.1	21.2	22.5	24.3	21.7	23.0	25.5	23.2	24.1	21.8	18.9	20.5
15	23.7	21.0	22.3	23.8	21.0	22.4	25.2	22.5	23.8	21.1	18.2	19.5
16	24.4	21.4	22.8	22.9	20.4	21.8	24.8	22.3	23.5	18.6	15.7	17.4
17	24.0	19.9	22.0	23.4	20.2	21.9	24.6	22.4	23.5	18.4	15.2	17.0
18	24.2	20.4	22.3	24.0	20.7	22.4	25.3	23.0	24.1	18.8	15.4	17.2
19	23.8	20.5	22.2	23.9	21.3	22.7	25.0	22.8	23.9	19.5	17.2	18.4
20	23.7	20.0	21.9	23.9	22.4	23.2	24.8	22.4	23.5	21.2	19.0	20.0
21	23.4	20.3	21.9	23.5	22.0	22.7	23.9	20.3	22.1	20.6	17.6	19.3
22	22.4	20.9	21.6	24.0	20.5	22.3	23.1	19.9	21.7	20.6	17.7	19.3
23	23.1	20.8	21.9	24.3	20.4	22.5	23.5	21.5	22.3	21.2	18.2	19.8
24	22.6	19.3	20.9	23.6	22.6	22.9	23.9	21.0	22.4	21.8	20.1	21.0
25	22.3	19.9	21.0	24.2	22.4	23.2	23.8	21.6	22.7	20.1	16.6	18.3
26	22.0	20.2	21.0	24.9	23.0	23.9	23.4	21.4	22.6	17.1	14.1	15.7
27	23.4	19.9	21.6	---	---	---	24.4	21.9	23.0	16.8	13.2	15.1
28	23.6	20.8	22.1	24.3	22.8	23.3	24.3	22.0	22.9	17.1	13.7	15.5
29	24.2	21.1	22.5	24.2	22.8	23.4	23.5	22.1	22.8	16.7	14.3	15.6
30	24.2	21.7	22.8	25.2	22.8	23.9	23.1	22.1	22.6	16.0	13.1	14.6
31	---	---	---	25.4	23.3	24.3	23.0	21.9	22.5	---	---	---
MONTH	24.4	18.3	21.4	---	---	---	25.5	19.9	23.3	24.1	13.1	19.8

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA**

**LOCATION.**-- Lat 33°55'03", long 83°53'17", Gwinnett County, Hydrologic Unit 0307103, 80 feet downstream of bridge at New Hope Road, and 4.2 miles northeast of Grayson.

**DRAINAGE AREA.**-- 28.2 mi<sup>2</sup>.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**-- March 1, 2001 to September 30, 2001.

**REMARKS.**-- Laboratory analyses are by the U.S. Geological Survey, Florida District Water-Quality Laboratory, Ocala, Florida. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TUR- BID- ITY (NTU) (00076)	TUR- FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD STAND- ARD (STAND- UNITS) (00400)	PH WATER WHOLE LAB STAND- ARD (STAND- UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)
NOV													
09-09	0001	380	--	7.4	78	6.5	--	69	69	19.5	16.8	--	--
DEC													
27...	1025	7.5	--	12.2	92	6.3	--	89	93	5.0	3.5	--	--
MAR													
12-12	1130	620	--	--	--	6.9	7.0	56	55	--	--	15	4.3
APR													
02...	1035	15	--	--	--	7.0	7.3	80	77	11.0	9.9	23	6.4
19...	1105	8.3	--	--	--	7.1	7.5	80	79	16.5	11.8	24	6.6
APR													
24-25	1800	20	--	--	--	7.3	7.1	79	79	--	--	24	6.6
AUG													
06-07	2100	--	--	--	--	6.6	7.6	78	78	--	--	22	6.3
AUG													
13-14	1745	260	51	7.2	84	6.8	6.9	67	64	--	23.2	20	5.8
22...	1255	5.3	6.0	8.2	92	7.2	7.6	92	92	--	21.7	26	7.6
SEP													
03-04	1245	--	--	--	--	8.2	7.1	70	--	--	--	21	6.0
04...	1545	--	60	7.8	--	7.0	--	--	65	--	22.6	--	--
20...	1400	5.6	6.7	7.8	87	7.3	7.4	84	84	--	20.6	24	6.8

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208150 ALCOVY RIVER AT NEW HOPE ROAD, NEAR GRAYSON, GA**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	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)	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)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)
NOV													
09-09	6.1	--	2.00	390	47	1.2	.26	1.5	<.020	.180	--	--	<.50
DEC													
27...	8.0	--	2.10	3	64	1.4	.49	1.9	<.020	<.020	2.8	--	<.50
MAR													
12-12	4.8	1.10	1.50	570	35	1.4	.38	1.8	<.020	.320	3.4	<.50	<.50
APR													
02...	--	1.80	1.80	8	42	.20	.43	.63	<.020	<.020	.9	<.50	<.50
19...	--	1.80	--	4	49	<.20	.41	--	<.020	<.020	.6	<.50	<.50
APR													
24-25	--	1.80	--	24	48	.24	.41	.65	<.020	.030	1.9	<.50	<.50
AUG													
06-07	--	1.60	--	96	53	.58	.40	.98	<.020	.070	2.4	<.50	--
AUG													
13-14	--	1.40	--	258	45	1.0	.44	1.4	<.020	.150	3.3	<.50	<.50
22...	--	1.80	--	3	63	<.20	.50	--	<.020	<.020	.7	<.50	<.50
SEP													
03-04	--	1.50	--	129	54	.70	.32	1.0	<.020	.060	2.5	<.50	<.50
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	1.80	--	1	60	<.20	.32	--	<.020	<.020	.9	<.50	<.50

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)	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)
NOV										
09-09	--	3.9	--	3.7	--	15	--	1100	--	35
DEC										
27...	--	<1.0	--	<2.0	--	<2.0	--	430	--	6.0
MAR										
12-12	<1.0	2.9	<2.0	6.3	<2.00	17	170	660	3.0	40
APR										
02...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	200	210	4.0	5.0
19...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	230	250	2.0	2.0
APR										
24-25	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	190	280	<2.0	4.0
AUG										
06-07	<1.0	--	<2.0	--	<2.00	--	51.0	--	<2.0	--
AUG										
13-14	<1.0	4.5	<2.0	7.5	<2.00	15	21.0	718	<2.0	43
22...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	400	400	<2.0	<2.0
SEP										
03-04	<1.0	2.0	3.8	<2.0	<2.00	5.9	35.0	595	<2.0	17
04...	--	--	--	--	--	--	--	--	--	--
20...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	273	291	<2.0	<2.0

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208177 CEDAR CREEK AT INDIAN SHOALS ROAD, NEAR DACULA, GA**

**LOCATION.**--Lat 33°54'49", long 83°50'45", Gwinnett County, Hydrologic Unit 03070103, at culvert on Indian Shoals Road, 6.0 miles southeast of Dacula.

**DRAINAGE AREA.**—3.10 mi<sup>2</sup>.

**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 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:** 7.42 feet, October 5, 1995

**DISCHARGE:** 691 ft<sup>3</sup>/s, October 5, 1995

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** <3.16 feet, Not determined, stage below bottom of gage.

**DISCHARGE:** <252 ft<sup>3</sup>/s, Not determined, stage below bottom of gage.

**MAXIMUM FOR 1999 WATER YEAR.—(REVISED)**

**STAGE:** <3.16 feet, Not determined, stage below bottom of gage.

**DISCHARGE:** <252 ft<sup>3</sup>/s, Not determined, stage below bottom of gage.

**MAXIMUM FOR 2000 WATER YEAR.—(REVISED)**

**STAGE:** <3.16 feet, Not determined, stage below bottom of gage.

**DISCHARGE:** <252 ft<sup>3</sup>/s, Not determined, stage below bottom of gage.

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208192 BAY CREEK AT SHANNON ROAD, NEAR LOGANVILLE, GA**

**LOCATION.**--Lat 33°52'54", long 83°52'54", Gwinnett County, Hydrologic Unit 03070103, at culvert on Shannon Road, 3.0 miles northeast of Loganville.

**DRAINAGE AREA.**—6.84 mi<sup>2</sup>.

**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 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:** 9.07 feet, October 5, 1995

**DISCHARGE:** 962 ft<sup>3</sup>/s, October 5, 1995

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.60 feet, March 15

**DISCHARGE:** 397 ft<sup>3</sup>/s, March 15



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208198 ALCOVY RIVER AT NEW HOPE CHURCH ROAD, NEAR MONROE, GA**

**LOCATION.**--Lat 33°50'23", Long 83°47'16", 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<sup>2</sup>.

**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.

**RATING.**--Rating Number 2, effective August 1994 to September 30, 2001.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
10/31/00	1.83	26.0
03/14/01	4.68	334
05/03/01	2.24	54.0
08/15/01	2.07	36.4

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208300 ALCOVY RIVER AT US HIGHWAY 78, NEAR MONROE, GA**

**LOCATION.**--Lat 33<sup>0</sup>48'20", long 83<sup>0</sup>45'34", Walton County, Hydrologic Unit 03070103, on upstream side of bridge 3.2 miles west of Monroe.

**DRAINAGE AREA.**--99.0 mi<sup>2</sup>.

**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.

**RATING.**--Rating Number 3, effective November 2000 to current water year.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

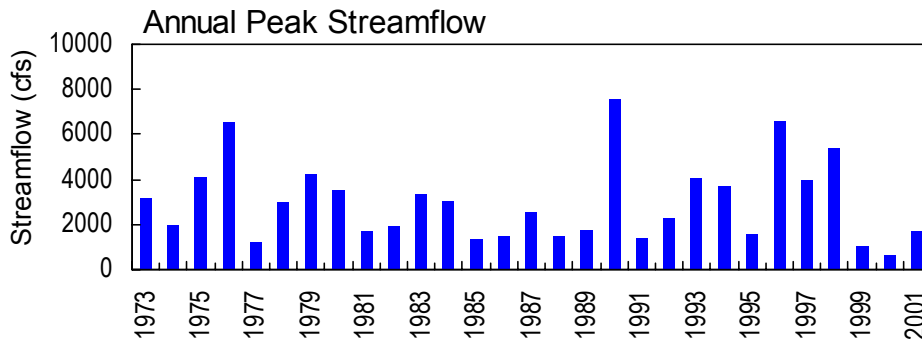
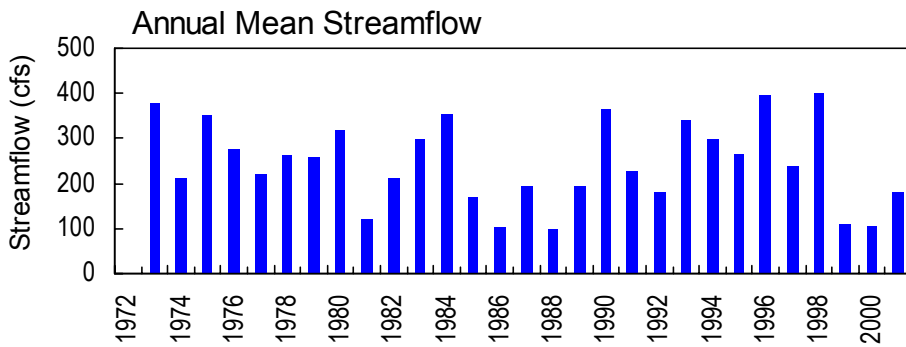
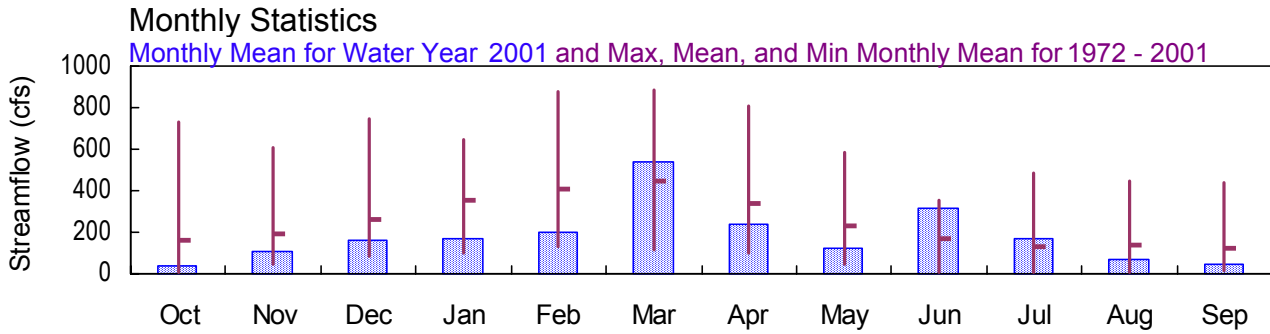
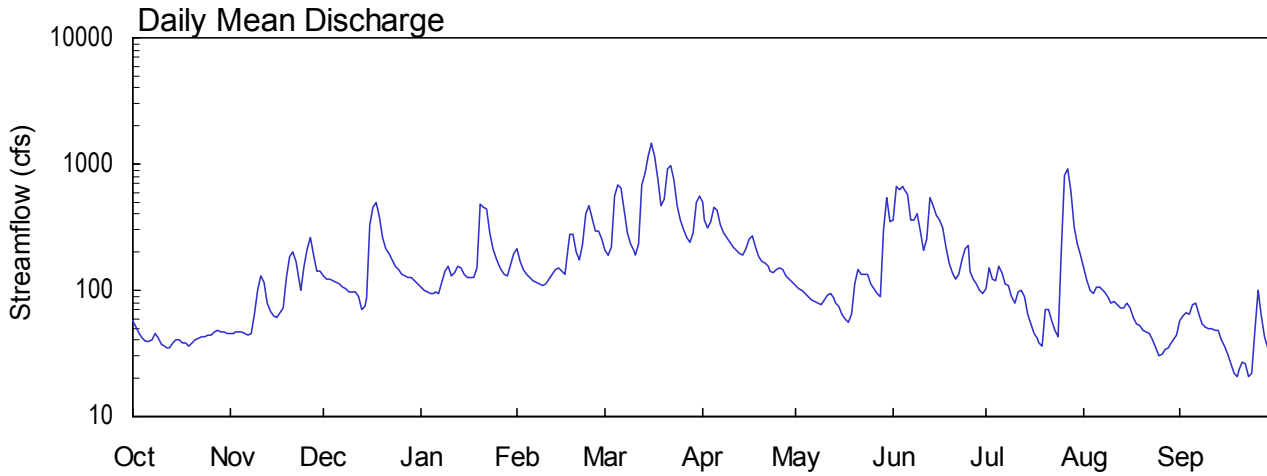
<b><u>DATE</u></b>	<b><u>GAGE-HEIGHT (feet)</u></b>	<b><u>DISCHARGE (ft<sup>3</sup>/s)</u></b>
11/01/00	2.41	34.3
03/14/01	5.73	448
05/03/01	2.68	57.9
08/15/01	2.49	41.3

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 646.1 feet Period of Record: 1972 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02208450 ALCOVY RIVER ABOVE COVINGTON, GA**

**LOCATION.**--Lat 33°38'24", long 83°46'45", Newton County, Hydrologic Unit 03070103, at bridge on Alcovy Road, 200 feet downstream from Strouds Creek, 200 feet upstream from Georgia Railroad bridge, and 6.0 miles northeast of Covington.

**DRAINAGE AREA.**--185 mi<sup>2</sup>, 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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 16	0445	1,670*	9.46*

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--January 1972 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 646.10 feet above sea level (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, 9.46 feet, March 16; minimum gage-height recorded, 1.10 feet, September 23.

STATION NUMBER 02208450 ALCOVY RIVER ABOVE COVINGTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333824 LONGITUDE 0834645 DRAINAGE AREA 185.00 DATUM 646.10 STATE 13 COUNTY 217

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	57	46	131	105	211	209	504	109	356	102	150	58
2	51	46	124	e99	168	188	362	102	664	152	120	62
3	46	47	121	e96	146	218	308	99	620	121	101	66
4	42	47	119	e94	133	561	353	94	659	119	95	65
5	39	47	116	93	126	685	454	89	623	157	107	78
6	39	45	112	98	120	648	429	84	579	139	106	79
7	41	44	107	95	117	429	333	81	363	114	100	64
8	45	46	102	116	113	289	287	79	362	108	97	55
9	42	65	98	141	109	234	258	78	411	90	89	51
10	37	101	98	154	112	206	238	84	292	79	80	50
11	36	129	96	131	122	188	220	92	205	98	81	49
12	35	115	88	138	133	234	207	93	251	99	76	48
13	35	80	70	154	146	682	196	87	542	90	72	48
14	38	69	75	150	152	832	191	79	472	64	73	41
15	40	63	86	134	142	1160	213	74	391	54	79	36
16	40	61	335	127	134	1450	252	65	362	45	72	31
17	38	67	459	127	222	1160	273	59	315	42	61	26
18	38	73	494	126	275	771	222	56	217	38	55	22
19	36	128	385	152	275	465	182	65	165	36	52	21
20	38	186	265	483	202	523	169	114	138	70	48	23
21	41	204	211	461	175	906	162	146	122	70	47	27
22	42	170	193	444	233	964	153	132	132	58	45	26
23	43	119	173	283	405	742	142	132	172	48	40	21
24	43	101	156	213	462	469	137	135	213	43	35	22
25	44	156	145	179	366	364	148	113	227	210	30	48
26	44	214	135	157	290	299	152	102	143	820	31	100
27	47	264	129	145	296	263	145	93	122	918	34	63
28	48	192	127	135	252	239	131	88	111	608	35	43
29	47	143	128	129	---	283	122	303	101	323	37	35
30	47	142	120	158	---	495	115	536	94	231	41	30
31	46	---	112	194	---	565	---	352	---	192	44	---
TOTAL	1305	3210	5110	5311	5637	16721	7058	3815	9424	5338	2133	1388
MEAN	42.1	107	165	171	201	539	235	123	314	172	68.8	46.3
MAX	57	264	494	483	462	1450	504	536	664	918	150	100
MIN	35	44	70	93	109	188	115	56	94	36	30	21
CFSM	.23	.58	.89	.93	1.09	2.92	1.27	.67	1.70	.93	.37	.25
IN.	.26	.65	1.03	1.07	1.13	3.36	1.42	.77	1.89	1.07	.43	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2001, BY WATER YEAR (WY)

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	158	192	263	354	410	449	340	234	167	131	138	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	9.54	11.8																		
(WY)	1988	1982	1988	1981	1989	1988	1986	2000	1988	1986	1986	1987																		

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1972 - 2001

ANNUAL TOTAL	39239.39	66450	
ANNUAL MEAN	107	182	246
HIGHEST ANNUAL MEAN			400
LOWEST ANNUAL MEAN			99.4
HIGHEST DAILY MEAN	610	Jan 11	6470
LOWEST DAILY MEAN	.18	Jul 22	.18
ANNUAL SEVEN-DAY MINIMUM	.74	Jul 17	.73
MAXIMUM PEAK FLOW			1670
MAXIMUM PEAK STAGE		9.46	Mar 16
ANNUAL RUNOFF (CFSM)	.58	.98	1.33
ANNUAL RUNOFF (INCHES)	7.89	13.36	18.09
10 PERCENT EXCEEDS	226	435	503
50 PERCENT EXCEEDS	78	120	159
90 PERCENT EXCEEDS	11	41	48

STATISTICS COMPUTED BY: wbennett DATE: 01/14/2002 AT: 07:51:53

e Estimated

STATION NUMBER 02208450 ALCOVY RIVER ABOVE COVINGTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333824 LONGITUDE 0834645 DRAINAGE AREA 185.00 DATUM 646.10 STATE 13 COUNTY 217

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	2.30	2.10	3.35	2.77	3.94	3.92	5.87	2.82	4.92	2.72	3.26	2.01
2	2.18	2.10	3.27	---	3.52	3.72	5.05	2.74	6.66	3.34	2.90	2.06
3	2.09	2.11	3.23	---	3.27	3.98	4.70	2.68	6.46	2.97	2.65	2.14
4	2.01	2.11	3.21	---	3.12	6.14	5.00	2.62	6.64	2.95	2.58	2.12
5	1.94	2.12	3.17	2.61	3.03	6.75	5.60	2.55	6.47	3.39	2.73	2.32
6	1.94	2.07	3.12	2.67	2.96	6.58	5.46	2.48	6.25	3.19	2.72	2.35
7	2.00	2.06	3.06	2.63	2.92	5.45	4.86	2.44	5.05	2.88	2.64	2.10
8	2.07	2.09	2.99	2.90	2.87	4.56	4.54	2.41	5.05	2.81	2.61	1.94
9	2.01	2.43	2.94	3.21	2.82	4.14	4.33	2.38	5.35	2.57	2.50	1.87
10	1.89	2.98	2.94	3.36	2.86	3.89	4.17	2.47	4.58	2.40	2.36	1.84
11	1.88	3.33	2.91	3.09	2.99	3.72	4.02	2.60	3.88	2.68	2.37	1.84
12	1.85	3.15	2.79	3.18	3.12	4.08	3.90	2.61	4.23	2.69	2.29	1.82
13	1.85	2.68	2.52	3.37	3.27	6.72	3.80	2.52	6.07	2.57	2.23	1.81
14	1.92	2.51	2.60	3.32	3.34	7.38	3.75	2.40	5.70	2.15	2.25	1.67
15	1.98	2.41	2.77	3.13	3.22	8.38	3.94	2.32	5.24	1.98	2.34	1.54
16	1.96	2.37	5.01	3.04	3.12	9.06	4.28	2.18	5.05	1.82	2.23	1.44
17	1.92	2.48	5.74	3.04	4.01	8.52	4.44	2.09	4.74	1.74	2.04	1.31
18	1.91	2.57	5.83	3.03	4.46	7.10	4.03	2.03	3.98	1.66	1.95	1.18
19	1.88	3.30	5.19	3.31	4.45	5.66	3.66	2.16	3.49	1.62	1.90	1.15
20	1.92	3.93	4.38	5.73	3.85	5.94	3.52	2.88	3.17	2.26	1.81	1.21
21	1.99	4.09	3.94	5.65	3.59	7.65	3.45	3.28	2.98	2.26	1.80	1.33
22	2.02	3.77	3.78	5.55	4.09	7.88	3.35	3.10	3.10	2.06	1.75	1.29
23	2.04	3.21	3.57	4.51	5.32	6.98	3.22	3.10	3.55	1.87	1.65	1.17
24	2.04	2.98	3.38	3.96	5.65	5.68	3.17	3.14	3.93	1.77	1.53	1.19
25	2.06	3.61	3.25	3.62	5.07	5.07	3.29	2.87	4.05	3.75	1.42	1.78
26	2.06	4.18	3.15	3.39	4.56	4.63	3.34	2.73	3.24	7.24	1.43	2.65
27	2.11	4.57	3.06	3.26	4.61	4.36	3.26	2.60	2.99	7.69	1.52	2.11
28	2.14	3.97	3.04	3.14	4.28	4.18	3.09	2.54	2.84	6.34	1.53	1.77
29	2.11	3.49	3.06	3.07	---	4.50	2.98	4.57	2.71	4.75	1.58	1.63
30	2.11	3.48	2.96	3.41	---	5.83	2.90	6.04	2.62	4.05	1.67	1.53
31	2.10	---	2.85	3.78	---	6.19	---	4.97	---	3.70	1.73	---
MEAN	2.01	2.94	3.45	---	3.73	5.76	4.03	2.85	4.50	3.09	2.13	1.74

## ALTAMAHA RIVER BASIN

### 02210000 LLOYD SHOALS RESERVOIR NEAR JACKSON, GA

**LOCATION.**--Lat 33°19'13", long 83°50'20", Butts County, Hydrologic Unit 03070103, on Ocmulgee River, 1 mile upstream from bridge on State Highway 16, and 7 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://www.southernco.com/gapower/lakes/home.asp?mnuOpco=gpc&mnuType=main&mnuItem=oc>

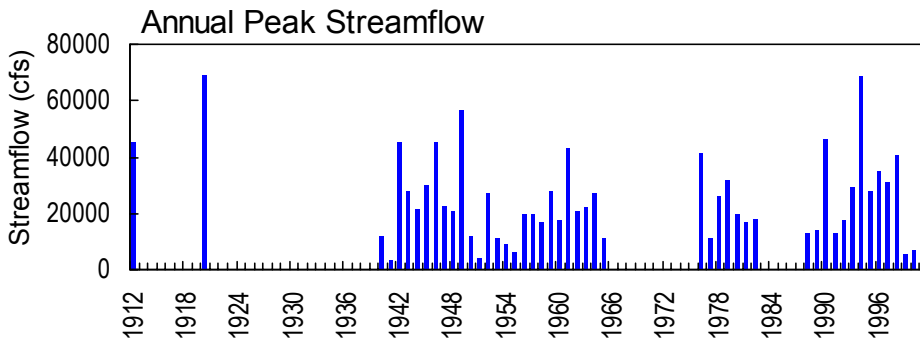
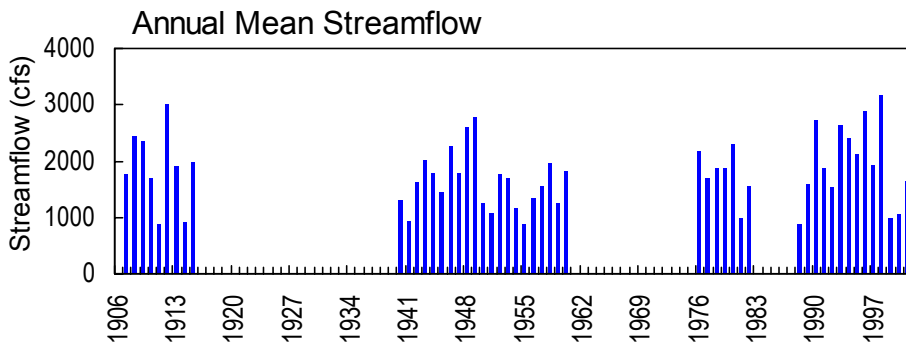
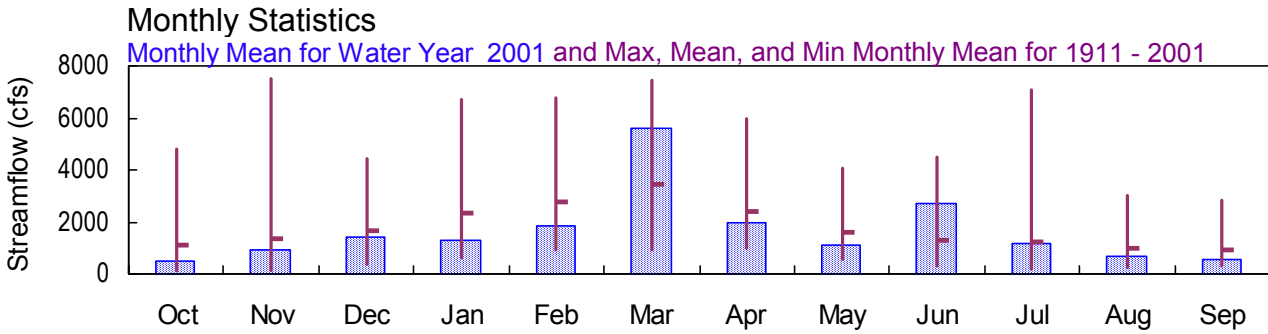
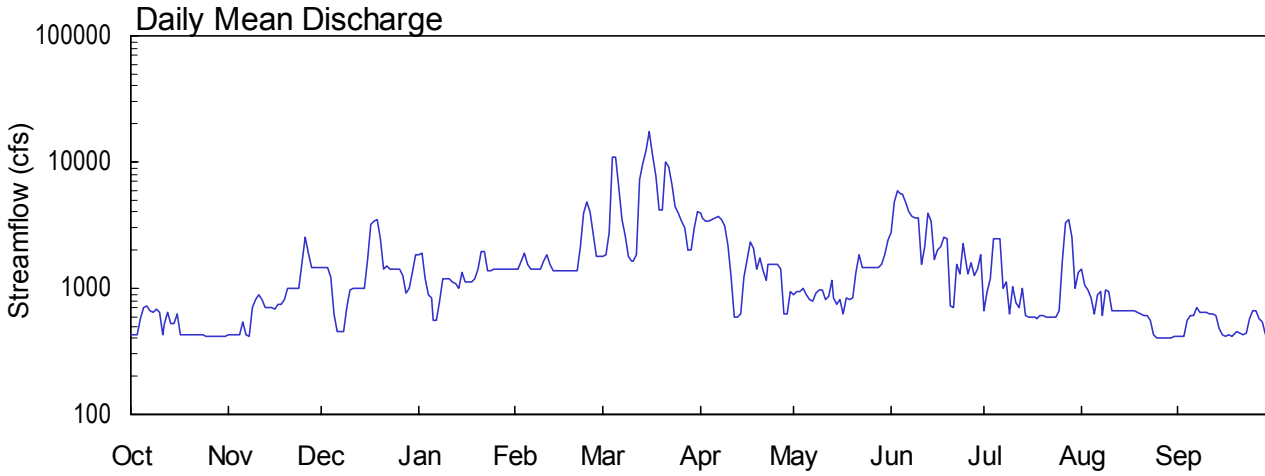
or call: 1-888-GPC-LAKE (1-888-472-5253)

# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02210500 OCMULGEE RIVER NEAR JACKSON, GA

Latitude: 33° 18' 28" Longitude: 83° 50' 18" Hydrologic Unit Code: 03070103 Butts County  
 Drainage Area: 1420 mi<sup>2</sup> Datum: 419.3 feet Period of Record: 1911 - 2001





**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02210500 OCMULGEE RIVER NEAR JACKSON, GA**

**LOCATION.**--Lat 33°18'27", long 83°50'18", Butts-Jasper County line, Hydrologic Unit 03070103, on right bank 500 feet upstream from bridge on GA Highway 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<sup>2</sup>, 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 sea level. 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. Flow regulated by Lloyd Shoals Reservoir since November 1910. Average discharge adjusted for storage was published for records prior to October 1, 1999.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum gage-height, 26.8 feet, Dec. 11, 1919, from graph based on gage readings, discharge, 69,000 ft<sup>3</sup>/s, by computation of flow over dam.

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 11.89 feet, March 16; minimum gage-height recorded, 3.93 feet, August 24, 28-30.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--December 21, 2000 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331828 LONGITUDE 0835018 DRAINAGE AREA 1420.00 DATUM 419.29 STATE 13 COUNTY 035

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	434	425	1460	1840	1430	1800	3910	899	2780	660	1420	417
2	433	425	1460	1890	1430	1860	3560	930	4760	955	1070	417
3	433	425	1460	1190	1650	2750	3420	954	5890	1200	960	417
4	578	425	1240	893	1890	11000	3420	1010	5550	2460	840	561
5	707	425	632	836	1570	10900	3530	900	5570	2460	622	618
6	716	538	449	552	1410	6230	3620	813	4760	2460	888	618
7	660	435	449	552	1410	3510	3680	783	4050	1000	949	700
8	654	422	449	802	1410	2620	3500	924	3760	1130	606	648
9	684	714	705	1180	1410	1800	3140	966	3630	636	968	642
10	640	822	984	1180	1650	1640	2220	969	3600	1030	951	638
11	425	879	995	1180	1850	1640	1240	804	1550	761	659	636
12	528	825	1010	1130	1530	1870	589	864	2160	712	658	625
13	650	697	1010	1100	1360	7180	593	1170	3970	999	658	618
14	525	699	1010	1010	1360	9760	620	832	3400	618	658	481
15	527	702	1010	1320	1360	12100	1230	738	1700	585	658	425
16	629	693	1680	1130	1360	17200	1680	804	2000	590	658	423
17	433	750	3190	1130	1370	11600	2340	620	2110	589	658	425
18	433	746	3440	1140	1380	7660	2060	841	2560	579	658	422
19	429	824	3460	1190	1380	4140	1400	819	2490	601	654	446
20	425	997	2440	1430	1380	4150	1750	835	723	606	634	449
21	425	997	1430	1930	1380	10000	1370	1340	698	599	618	441
22	425	997	1510	1930	2140	9270	1150	1860	1570	599	618	433
23	425	997	1430	1380	3920	6590	1530	1450	1300	593	551	439
24	425	997	1430	1380	4790	4360	1550	1450	2250	592	429	573
25	421	1590	1430	1400	4040	3980	1550	1460	1530	674	410	657
26	417	2550	1430	1410	2680	3450	1560	1450	1310	1650	411	658
27	417	1900	1280	1410	1780	3070	1420	1440	1580	3270	410	577
28	417	1440	920	1410	1800	1990	628	1450	1270	3480	407	537
29	417	1440	988	1410	---	2000	628	1560	1420	2570	402	425
30	417	1450	1350	1420	---	3020	951	1850	1870	995	411	424
31	422	---	1860	1430	---	4020	---	2420	---	1340	417	---
TOTAL	15571	27226	43591	39185	52120	173160	59839	35205	81811	36993	20911	15790
MEAN	502	908	1406	1264	1861	5586	1995	1136	2727	1193	675	526
MAX	716	2550	3460	1930	4790	17200	3910	2420	5890	3480	1420	700
MIN	417	422	449	552	1360	1640	589	620	698	579	402	417
CFSM	.35	.64	.99	.89	1.31	3.93	1.40	.80	1.92	.84	.48	.37
IN.	.41	.71	1.14	1.03	1.37	4.54	1.57	.92	2.14	.97	.55	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2001, BY WATER YEAR (WY)

MEAN	1095	1384	1657	2345	2800	3445	2399	1630	1277	1238	984	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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1911 - 2001

ANNUAL TOTAL		381897		601402								
ANNUAL MEAN		1043		1648						1763		
HIGHEST ANNUAL MEAN										3165		1998
LOWEST ANNUAL MEAN										866		1955
HIGHEST DAILY MEAN		5900	Sep 2	17200	Mar 16	62900	Jul 6	1994				
LOWEST DAILY MEAN		246	Aug 22	402	Aug 29	18	Nov 20	1910				
ANNUAL SEVEN-DAY MINIMUM		250	Aug 17	410	Aug 25	75	Nov 19	1954				
MAXIMUM PEAK FLOW				18200	Mar 16	68500	Jul 6	1994				
MAXIMUM PEAK STAGE				11.89	Mar 16	26.87	Jul 6	1994				
ANNUAL RUNOFF (CFSM)		.73		1.16		1.24						
ANNUAL RUNOFF (INCHES)		10.00		15.76		16.87						
10 PERCENT EXCEEDS		2020		3500		3150						
50 PERCENT EXCEEDS		698		1100		1130						
90 PERCENT EXCEEDS		344		429		506						

STATISTICS COMPUTED BY: kerestes

DATE: 02/07/2002 AT: 14:20:50

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331828 LONGITUDE 0835018 DRAINAGE AREA 1420.00 DATUM 419.29 STATE 13 COUNTY 035

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	3.97	3.96	4.82	5.03	4.80	5.04	5.96	4.35	5.45	4.19	4.70	3.95
2	3.97	3.96	4.82	5.06	4.80	5.10	5.81	4.36	6.32	4.38	4.46	3.95
3	3.97	3.96	4.82	4.61	4.92	5.45	5.75	4.38	6.80	4.52	4.39	3.95
4	4.11	3.96	4.66	4.41	5.05	8.98	5.75	4.42	6.66	5.30	4.31	4.09
5	4.24	3.96	4.16	4.35	4.88	8.96	5.79	4.35	6.66	5.30	4.15	4.15
6	4.25	4.07	3.99	4.11	4.79	6.94	5.83	4.30	6.32	5.30	4.34	4.15
7	4.19	3.97	3.99	4.11	4.79	5.78	5.86	4.28	6.02	4.42	4.39	4.21
8	4.19	3.96	3.99	4.31	4.79	5.39	5.78	4.38	5.90	4.48	4.14	4.18
9	4.22	4.24	4.24	4.62	4.79	5.00	5.61	4.41	5.84	4.17	4.39	4.17
10	4.17	4.35	4.50	4.62	4.92	4.92	5.17	4.41	5.83	4.43	4.39	4.17
11	3.96	4.40	4.51	4.61	5.03	4.92	4.59	4.29	4.69	4.27	4.19	4.17
12	4.07	4.35	4.52	4.58	4.86	5.04	4.13	4.34	5.08	4.23	4.19	4.16
13	4.19	4.23	4.52	4.55	4.76	7.36	4.13	4.57	5.99	4.40	4.19	4.15
14	4.06	4.23	4.52	4.49	4.76	8.48	4.16	4.31	5.73	4.15	4.19	4.02
15	4.06	4.24	4.52	4.73	4.76	9.42	4.56	4.24	4.85	4.13	4.19	3.96
16	4.17	4.23	4.87	4.58	4.76	11.51	4.89	4.29	5.04	4.13	4.19	3.96
17	3.97	4.28	5.64	4.57	4.76	9.26	5.21	4.15	5.09	4.13	4.19	3.96
18	3.97	4.27	5.76	4.58	4.77	7.56	5.06	4.32	5.35	4.12	4.19	3.96
19	3.96	4.35	5.76	4.62	4.77	6.06	4.72	4.30	5.32	4.14	4.19	3.98
20	3.96	4.51	5.28	4.80	4.77	6.06	4.93	4.32	4.24	4.14	4.17	3.98
21	3.96	4.51	4.80	5.04	4.77	8.59	4.66	4.65	4.22	4.14	4.15	3.97
22	3.96	4.51	4.85	5.04	5.14	8.26	4.51	5.01	4.76	4.14	4.15	3.97
23	3.96	4.51	4.80	4.77	5.96	7.09	4.81	4.78	4.59	4.13	4.09	3.98
24	3.96	4.51	4.80	4.77	6.34	6.16	4.83	4.78	5.17	4.13	3.96	4.10
25	3.95	4.84	4.80	4.78	6.02	5.99	4.83	4.78	4.75	4.20	3.94	4.19
26	3.95	5.36	4.80	4.79	5.40	5.76	4.84	4.77	4.65	4.87	3.94	4.19
27	3.95	5.03	4.68	4.79	4.99	5.58	4.74	4.77	4.83	5.67	3.94	4.12
28	3.95	4.81	4.45	4.79	5.00	5.03	4.16	4.77	4.62	5.77	3.94	4.07
29	3.95	4.81	4.50	4.79	---	5.08	4.16	4.84	4.68	5.35	3.93	3.96
30	3.95	4.81	4.72	4.80	---	5.56	4.38	4.97	4.95	4.41	3.94	3.96
31	3.96	---	5.04	4.80	---	6.01	---	5.28	---	4.65	3.95	---
MEAN	4.04	4.37	4.71	4.66	5.01	6.66	4.99	4.52	5.35	4.51	4.18	4.06
MAX	4.25	5.36	5.76	5.06	6.34	11.51	5.96	5.28	6.80	5.77	4.70	4.21
MIN	3.95	3.96	3.99	4.11	4.76	4.92	4.13	4.15	4.22	4.12	3.93	3.95

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331828 LONGITUDE 0835018 DRAINAGE AREA 1420.00 DATUM 419.29 STATE 13 COUNTY 035

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	---	---	---	.00	.00	.00	.00	.00	.91	.15	.00	.01
2	---	---	---	.00	.00	.72	.00	.00	.00	.33	.00	.05
3	---	---	---	.00	.00	2.54	1.19	.00	.51	2.33	.00	.33
4	---	---	---	.00	.00	.01	.00	.00	.28	.02	.00	.00
5	---	---	---	.00	.00	.00	.08	.00	.59	.00	.00	.00
6	---	---	---	.00	.00	.00	.00	.00	.00	.00	.01	.00
7	---	---	---	.11	.00	.00	.00	.00	.10	.00	.04	.00
8	---	---	---	.55	.00	.00	.00	.00	.18	.01	.01	.00
9	---	---	---	.00	.00	.00	.00	.00	.19	.00	.00	.00
10	---	---	---	.00	.20	.00	.00	.04	.00	.00	.00	.00
11	---	---	---	.08	.00	.00	.00	.01	1.03	.00	.64	.00
12	---	---	---	.23	.46	2.23	.00	.02	1.12	.00	.15	.00
13	---	---	---	.00	.02	.00	.28	.00	.30	.00	.08	.00
14	---	---	---	.00	.01	.60	.01	.00	.25	.00	.00	.00
15	---	---	---	.02	.00	1.58	.69	.00	.03	.00	.00	.00
16	---	---	---	.17	.62	.00	.00	.00	.01	.00	.00	.00
17	---	---	---	.01	.18	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	.00	.00	.00	.00	.00	.00	.00	.08	.00
19	---	---	---	.92	.00	.11	.00	.22	.00	.52	.01	.00
20	---	---	---	.00	.00	1.75	.00	.02	.00	.00	.00	.00
21	---	---	.22	.00	.00	.00	.00	.00	.45	.00	.00	.00
22	---	---	.00	.00	1.54	.00	.00	.88	.77	.00	.00	.00
23	---	---	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.46
24	---	---	.00	.00	.00	.00	.03	.21	.00	.66	.00	.88
25	---	---	.00	.00	.34	.02	.16	.07	.00	.79	.00	.00
26	---	---	.00	.00	.00	.00	.00	.00	.00	.01	.11	.00
27	---	---	.09	.00	.03	.00	.00	.13	.00	.00	.00	.00
28	---	---	.63	.00	.04	.00	.00	.36	.19	.15	.00	.00
29	---	---	.00	.12	---	1.34	.00	1.85	.01	.21	.06	.00
30	---	---	.01	.61	---	.00	.00	.01	.01	.01	.01	.00
31	---	---	.00	.00	---	.00	---	.00	---	.00	.25	---
TOTAL	---	---	---	2.82	3.44	10.90	2.44	3.82	6.93	5.19	1.45	3.73

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02211258 TOWALIGA RIVER AT HAMPTON ROAD, NEAR HAMPTON, GA**

**LOCATION.**-- Lat 33<sup>0</sup>22'34", Long 84<sup>0</sup>13'57", 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<sup>2</sup>.

**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 (from topographic map).

**RATING.**--Rating Number 1, effective July 31, 2000 through September 30, 2000 & October 1, 2000 through August 19, 2001; Rating Number 2, effective August 20, 2001 through September 30, 2001.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
10/25/00	0.99	0.45
01/05/01	1.39	4.25
03/05/01	2.08	41.8
04/27/01	1.33	9.10
06/29/01	1.17	5.32
08/20/01	1.02	1.15
09/27/01	0.97	0.54

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02211270 TROUBLESOME CREEK NEAR GRIFFIN, GA**

**LOCATION.**--Lat 33°18'33", Long 84°11'22", Spalding County, GA, 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<sup>2</sup>.

**COOPERATION.**—Henry County Water and Sewerage Authority.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**—1954, 1976, 1978, 1980, 1981, 2000 to current year.

**GAGE.**—Standard USGS vertical staff gage. Datum of gage is 670.00 feet (from topographic map).

**RATING.**--Rating Number 1, effective July 1, 2000 to September 30, 2001.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
10/25/00	1.38	2.4
01/05/00	1.75	7.82
02/22/01	2.34	26.0
04/27/01	1.91	13.6
07/03/01	1.64	8.53
08/20/01	1.35	3.2
09/27/01	1.73	3.25

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02211275 LONG BRANCH AT CR 299, NEAR LUELLA, GA**

**LOCATION.**--Lat 33<sup>0</sup>20'36", Long 84<sup>0</sup>09'24", 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<sup>2</sup>.

**COOPERATOR.**—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 750.0 feet (from topographic map).

**RATING.**--Rating Number 01, effective July 1, 2000 to September 30, 2001.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
10/25/00	1.19	0.40
01/05/01	1.53	1.09
02/22/01	2.34	21.9
04/27/01	1.35	2.44
07/03/01	1.20	1.39
08/20/01	1.07	0.47
09/27/01	1.05	0.45



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02211280 INDIAN CREEK AT CR 301, NEAR LOCUST GROVE, GA**

**LOCATION.**--Lat 33<sup>0</sup>21'44", Long 84<sup>0</sup>09'02", 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<sup>2</sup>.

**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 730.00 feet (from topographic map).

**RATING.**--Rating Number 1, effective July 1, 2000 to September 30, 2001.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

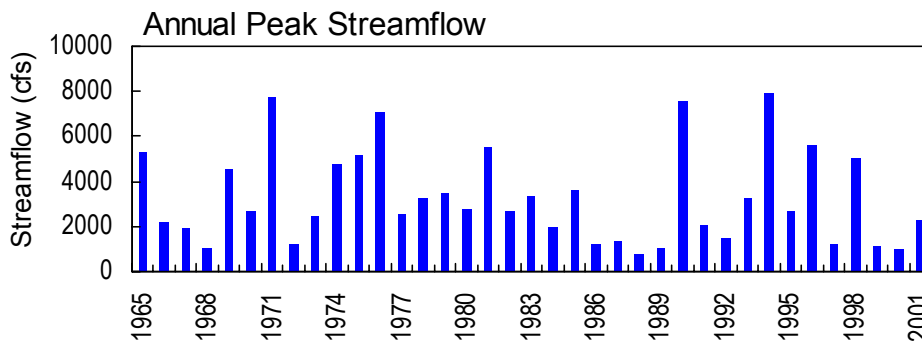
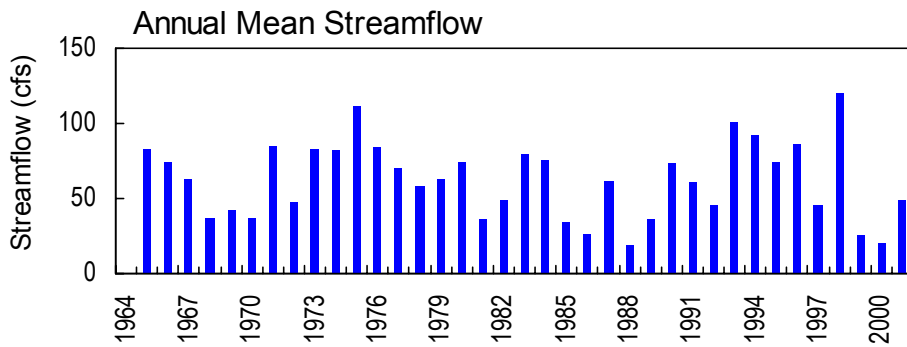
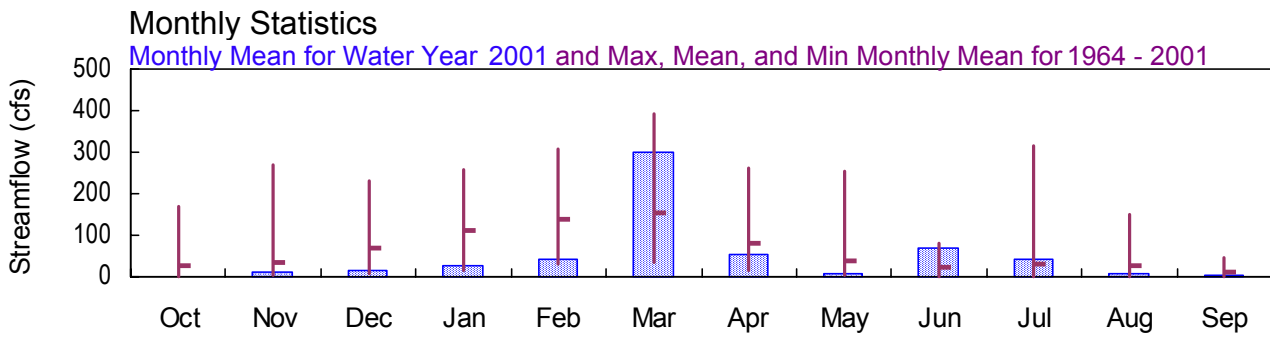
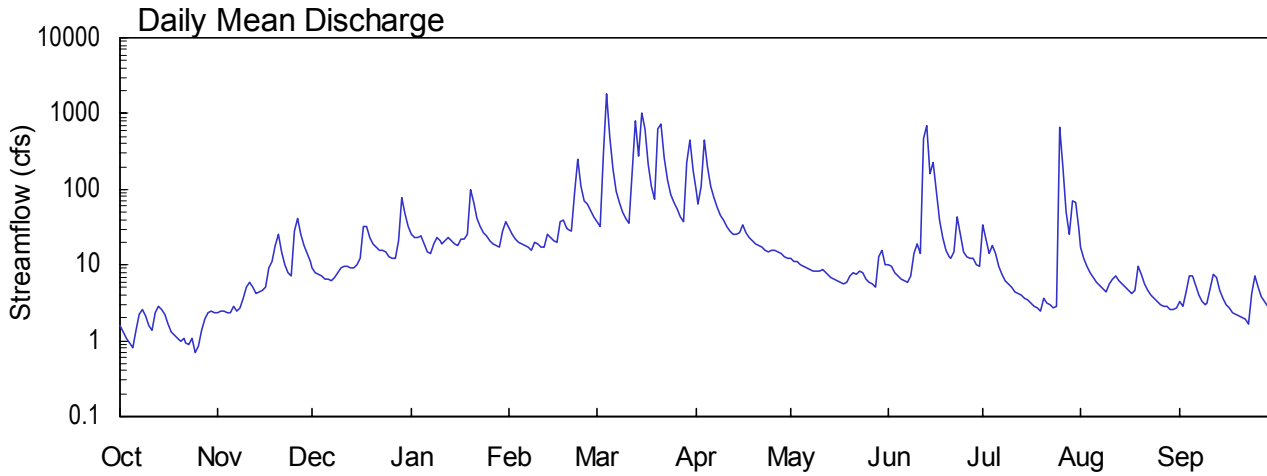
<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
10/25/00	0.57	0.99
01/05/01	0.92	4.54
02/22/01	2.94	64.9
04/27/01	1.25	11.8
07/03/01	1.15	10.6
09/27/01	0.58	1.17

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 366.5 feet Period of Record: 1964 - 2001



02212600 - Falling Creek near Juliette, GA - February 13, 1973

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02212600 FALLING CREEK NEAR JULIETTE, GA**

**LOCATION.**--Lat 33°05'59", long 83°43'25", 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<sup>2</sup>.

**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 sea level (leveling by global positioning system equipment).

**REMARKS.**--Records good, except for discharges less than 1.0 ft<sup>3</sup>/s, which are poor.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 1,100 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Mar. 4	1145	2,270*	14.39*
Mar. 13	0645	1,110	10.06
Mar. 15	1845	1,540	12.06
Jun. 12	2245	1,270	10.85

**WATER-STAGE RECORDS**

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

**GAGE.**--Water-stage recorder. Datum of gage is 366.52 feet above sea level (leveling by global positioning system equipment).

**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, 14.39 feet, March 4; minimum gage-height recorded, 0.56 feet, October 25.

STATION NUMBER 02212600 FALLING CREEK NEAR JULIETTE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 330559 LONGITUDE 0834325 DRAINAGE AREA 72.20 DATUM 366.52 STATE 13 COUNTY 169

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	2.3	9.2	26	31	38	95	12	10	34	17	3.3
2	1.3	2.5	8.0	23	25	33	64	11	9.5	22	12	2.8
3	1.1	2.5	7.4	23	22	282	111	11	8.0	14	9.6	4.5
4	.94	2.4	7.2	24	20	1800	448	10	7.3	18	8.1	7.2
5	.81	2.3	6.6	19	19	482	197	9.5	6.6	14	6.8	7.3
6	1.4	2.9	6.4	15	18	183	110	9.1	6.2	9.7	6.0	5.3
7	2.2	2.5	6.2	14	17	95	76	8.6	5.8	7.4	5.5	4.0
8	2.6	2.7	7.0	19	16	66	57	8.3	7.1	6.1	4.9	3.3
9	2.1	3.7	7.8	23	20	51	46	8.4	14	5.6	4.5	3.0
10	1.6	5.2	9.2	21	19	42	39	8.2	19	5.0	5.6	3.2
11	1.4	5.9	9.8	19	17	36	33	8.6	14	4.5	6.5	4.9
12	2.3	5.0	9.5	21	17	172	28	8.4	476	4.3	7.2	7.4
13	2.8	4.3	9.0	23	25	816	26	7.7	693	4.0	6.2	6.8
14	2.6	4.5	9.3	21	23	278	25	7.0	162	3.7	5.6	4.7
15	2.2	4.7	10	19	21	1040	27	6.5	229	3.4	5.2	3.7
16	1.7	5.1	12	18	20	626	34	6.1	96	3.1	4.7	3.0
17	1.3	9.1	33	22	37	216	27	5.8	40	2.9	4.3	2.7
18	1.2	11	32	22	39	109	23	5.6	23	2.7	4.7	2.4
19	1.1	18	23	26	31	73	21	5.8	16	2.5	9.7	2.2
20	1.0	25	19	97	29	617	19	7.1	13	3.6	7.5	2.1
21	1.1	15	17	67	28	712	18	8.1	12	3.2	5.7	2.0
22	.92	10	16	42	88	263	17	7.4	15	3.0	4.7	1.9
23	.90	7.9	16	32	247	132	16	8.2	44	2.7	4.0	1.7
24	1.1	7.1	15	27	108	85	15	7.8	26	2.8	3.6	4.3
25	.70	28	13	24	72	67	16	6.4	15	656	3.3	7.1
26	.84	42	12	21	65	55	16	6.0	13	200	3.0	5.2
27	1.4	25	12	19	53	44	15	5.6	12	50	2.9	3.9
28	1.9	18	21	18	44	38	14	5.1	12	25	2.8	3.3
29	2.3	14	79	17	---	222	13	13	10	72	2.6	2.9
30	2.5	11	48	28	---	446	12	16	9.7	67	2.6	2.6
31	2.4	---	33	38	---	175	---	10	---	29	2.7	---
TOTAL	49.31	299.6	523.6	828	1171	9294	1658	258.3	2024.2	1281.2	179.5	118.7
MEAN	1.59	9.99	16.9	26.7	41.8	300	55.3	8.33	67.5	41.3	5.79	3.96
MAX	2.8	42	79	97	247	1800	448	16	693	656	17	7.4
MIN	.70	2.3	6.2	14	16	33	12	5.1	5.8	2.5	2.6	1.7
CFSM	.02	.14	.23	.37	.58	4.15	.77	.12	.93	.57	.08	.05
IN.	.03	.15	.27	.43	.60	4.79	.85	.13	1.04	.66	.09	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2001, BY WATER YEAR (WY)

MEAN	25.7	36.5	70.5	111	140	155	81.2	39.9	24.6	29.1	26.6	11.9
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	.51	3.75	9.46	16.0	30.8	34.5	16.5	4.70	1.16	.10	.034	.74
(WY)	1988	1979	1989	1981	1968	1985	1986	2000	2000	2000	1988	1981

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1964 - 2001	
ANNUAL TOTAL	7289.84		17685.41			
ANNUAL MEAN	19.9		48.5		62.4	
HIGHEST ANNUAL MEAN					120	1998
LOWEST ANNUAL MEAN					19.6	1988
HIGHEST DAILY MEAN	632	Jan 24	1800	Mar 4	4940	Jul 6 1994
LOWEST DAILY MEAN	.02	Aug 17	.70	Oct 25	.01	Aug 9 1988
ANNUAL SEVEN-DAY MINIMUM	.03	Aug 14	.94	Oct 20	.01	Aug 9 1988
MAXIMUM PEAK FLOW			2270	Mar 4	7920	Jul 5 1994
MAXIMUM PEAK STAGE			14.39	Mar 4	23.25	Jul 5 1994
INSTANTANEOUS LOW FLOW					.01	Aug 9 1988
ANNUAL RUNOFF (CFSM)	.28		.67		.86	
ANNUAL RUNOFF (INCHES)	3.76		9.11		11.74	
10 PERCENT EXCEEDS	36		81		113	
50 PERCENT EXCEEDS	5.1		11		21	
90 PERCENT EXCEEDS	.07		2.5		3.1	

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/06/2002 AT: 12:20:08

STATION NUMBER 02212600 FALLING CREEK NEAR JULIETTE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 330559 LONGITUDE 0834325 DRAINAGE AREA 72.20 DATUM 366.52 STATE 13 COUNTY 169

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

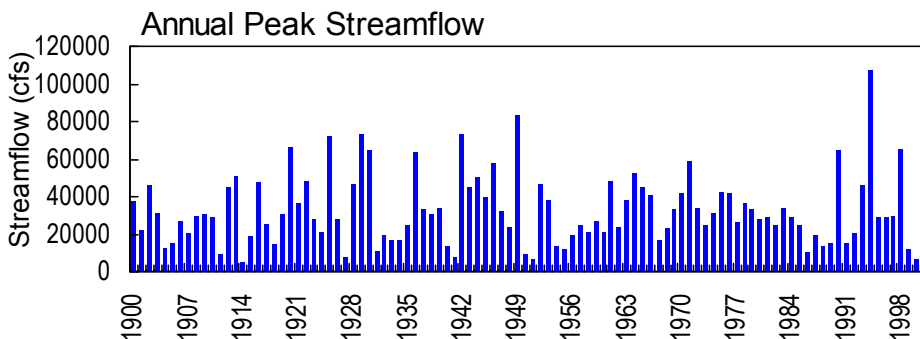
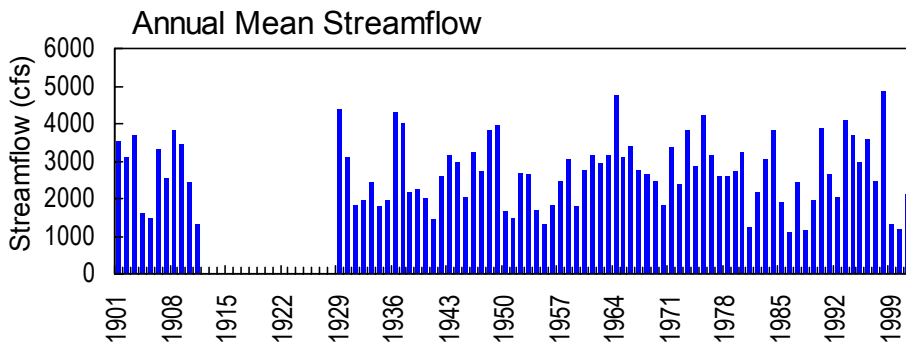
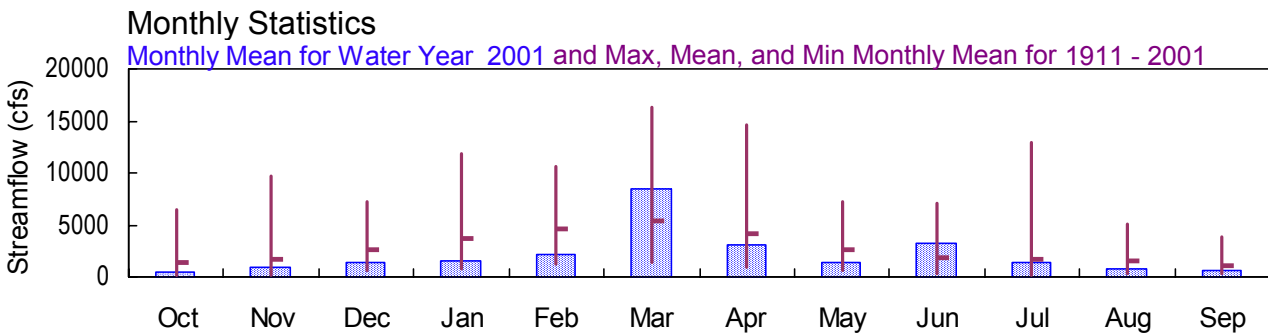
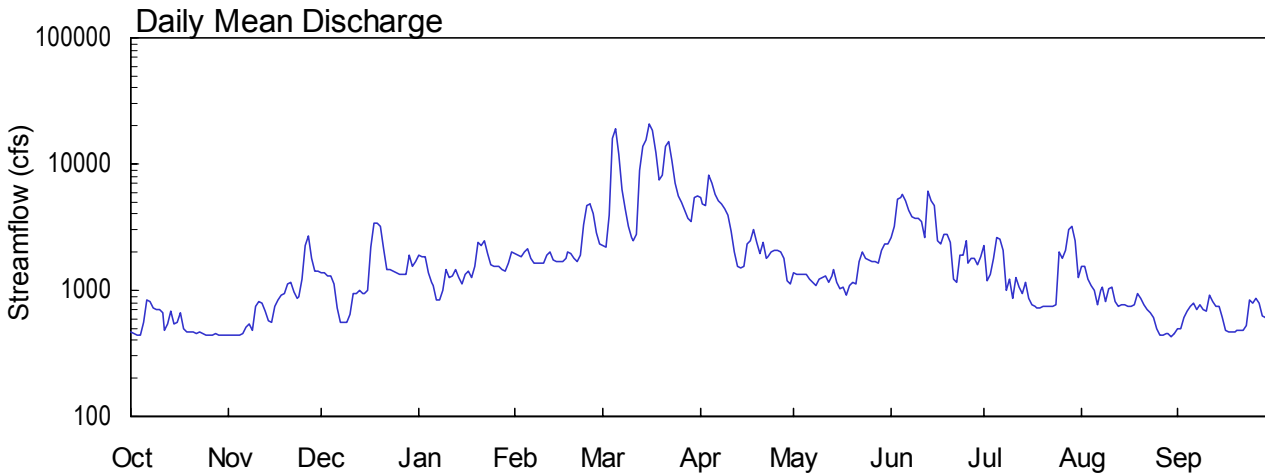
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.23	1.29	1.63	2.13	2.23	2.22	2.95	1.51	1.46	2.19	1.80	1.27
2	1.20	1.30	1.58	2.05	2.11	2.13	2.57	1.49	1.43	1.93	1.64	1.24
3	1.18	1.30	1.56	2.04	2.04	4.27	2.91	1.47	1.37	1.71	1.55	1.33
4	1.17	1.29	1.55	2.07	1.99	12.85	5.60	1.45	1.35	1.84	1.50	1.46
5	1.15	1.29	1.53	1.95	1.95	5.85	3.83	1.43	1.32	1.69	1.45	1.47
6	1.21	1.32	1.52	1.83	1.91	3.72	3.10	1.41	1.30	1.56	1.41	1.38
7	1.27	1.30	1.51	1.81	1.89	2.95	2.72	1.40	1.28	1.47	1.39	1.31
8	1.30	1.31	1.55	1.93	1.86	2.59	2.47	1.39	1.34	1.42	1.36	1.27
9	1.27	1.37	1.58	2.06	1.97	2.38	2.30	1.39	1.57	1.39	1.34	1.25
10	1.23	1.45	1.63	1.99	1.94	2.24	2.18	1.38	1.74	1.36	1.39	1.27
11	1.21	1.49	1.65	1.95	1.90	2.13	2.07	1.40	1.58	1.34	1.43	1.36
12	1.28	1.44	1.64	2.01	1.89	3.26	1.97	1.39	5.27	1.33	1.46	1.47
13	1.31	1.40	1.62	2.05	2.09	8.21	1.91	1.36	7.28	1.31	1.42	1.45
14	1.30	1.42	1.63	1.99	2.05	4.38	1.90	1.33	3.56	1.29	1.39	1.35
15	1.27	1.43	1.67	1.95	2.00	9.28	1.93	1.31	4.07	1.28	1.37	1.30
16	1.23	1.45	1.71	1.93	1.98	6.82	2.09	1.30	2.99	1.26	1.34	1.26
17	1.20	1.61	2.25	2.02	2.34	3.95	1.94	1.28	2.28	1.25	1.32	1.23
18	1.19	1.68	2.25	2.04	2.39	3.10	1.83	1.27	1.95	1.23	1.34	1.21
19	1.18	1.88	2.06	2.11	2.22	2.69	1.78	1.28	1.78	1.22	1.56	1.20
20	1.18	2.08	1.96	3.14	2.20	6.70	1.74	1.34	1.68	1.29	1.47	1.20
21	1.19	1.82	1.88	2.80	2.17	7.50	1.71	1.38	1.64	1.26	1.40	1.19
22	1.17	1.65	1.87	2.45	2.79	4.28	1.68	1.35	1.73	1.25	1.35	1.18
23	1.17	1.57	1.87	2.26	4.19	3.31	1.65	1.38	2.38	1.23	1.31	1.17
24	1.19	1.54	1.84	2.16	3.13	2.83	1.63	1.37	2.03	1.24	1.29	1.32
25	1.15	2.08	1.78	2.07	2.74	2.62	1.66	1.31	1.75	7.05	1.27	1.46
26	1.17	2.42	1.74	2.00	2.65	2.44	1.66	1.29	1.67	3.85	1.26	1.37
27	1.22	2.08	1.72	1.96	2.47	2.27	1.61	1.27	1.63	2.47	1.25	1.30
28	1.26	1.90	1.95	1.92	2.33	2.17	1.59	1.25	1.63	2.00	1.24	1.27
29	1.29	1.79	2.95	1.89	---	3.75	1.55	1.53	1.57	2.61	1.23	1.25
30	1.30	1.69	2.54	2.16	---	5.59	1.51	1.66	1.56	2.70	1.23	1.23
31	1.29	---	2.27	2.37	---	3.66	---	1.46	---	2.10	1.23	---
MEAN	1.22	1.59	1.82	2.10	2.27	4.26	2.20	1.38	2.14	1.84	1.39	1.30
MAX	1.31	2.42	2.95	3.14	4.19	12.85	5.60	1.66	7.28	7.05	1.80	1.47
MIN	1.15	1.29	1.51	1.81	1.86	2.13	1.51	1.25	1.28	1.22	1.23	1.17

# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02213000 OCMULGEE RIVER AT MACON, GA

Latitude: 32° 50' 19" Longitude: 83° 37' 14" Hydrologic Unit Code: 03070103 Bibb County  
 Drainage Area: 2240 mi<sup>2</sup> Datum: 269.8 feet Period of Record: 1911 - 2001



USGS 02213000 - Ocmulgee River at Macon, GA

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02213000 OCMULGEE RIVER AT MACON, GA**

**LOCATION.**--Lat 32°50'19", long 83°37'14", 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<sup>2</sup>, 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.**—Phone telemetry with a water-stage recorder. Datum of gage is 269.80 feet above sea level. Prior to Oct. 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. Average discharge adjusted for storage was published for records previous to October 1, 1999.

**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<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 14,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 5	0500	20,700	20.50
Mar. 16	1715	21,700*	20.80*
Mar. 22	0415	16,600	19.25

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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.**—Phone telemetry with a water-stage recorder. Datum of gage is 269.80 feet above sea level. Prior to Oct. 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, 20.80 feet, March 16; minimum gage-height recorded, 5.03 feet, August 30.



STATION NUMBER 02213000 OCMULGEE RIVER AT MACON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325019 LONGITUDE 0833714 DRAINAGE AREA 2240.00 DATUM 269.80 STATE 13 COUNTY 021

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	473	446	1360	1900	1980	2230	5380	1360	2630	2230	1530	496
2	453	446	1360	1830	1880	2200	4850	1340	3200	1180	1550	496
3	445	437	1300	1820	1820	3880	4690	1340	5300	1330	1220	610
4	443	437	1300	1390	2030	16100	8040	1320	5490	1810	1090	683
5	554	448	1130	1170	2130	19000	6970	1340	5790	2590	994	758
6	828	452	724	1090	1780	11800	5730	1240	5120	2510	764	781
7	808	507	564	829	1660	6240	5190	1170	4320	2070	990	705
8	718	549	553	839	1640	4420	4850	1100	3810	1010	1070	771
9	713	478	564	991	1640	3230	4430	1220	3720	1210	805	699
10	712	737	641	1480	1660	2620	3910	1280	3720	857	1040	694
11	670	824	945	1270	1910	2450	2930	1300	3550	1260	1070	927
12	487	789	937	1310	2040	2750	2040	1170	2580	1070	804	805
13	537	679	986	1440	1760	8840	1560	1310	6170	941	758	756
14	690	573	940	1250	1710	13600	1520	1470	5100	1160	773	740
15	545	560	934	1140	1690	15400	1570	1150	4740	854	776	607
16	560	750	990	1330	1680	21000	2300	1020	2450	763	758	487
17	660	843	2180	1420	1790	18400	2470	1070	2350	747	749	471
18	498	904	3430	1250	2020	12100	3050	915	2740	736	769	469
19	462	957	3360	1530	1950	7440	2410	1080	2800	728	936	467
20	463	1110	3170	2370	1810	8110	1940	1160	2410	742	860	480
21	464	1170	2110	2290	1710	13600	2390	1140	1230	747	765	487
22	453	975	1470	2500	1890	15000	1810	1700	1150	746	707	485
23	473	860	1470	1930	3330	10700	1850	2030	1910	753	673	520
24	451	896	1410	1580	4740	7060	1990	1780	1880	773	614	845
25	444	1230	1380	1560	4760	5550	2060	1720	2500	2000	491	796
26	438	2270	1340	1550	4110	4930	2060	1700	1650	1810	441	873
27	445	2700	1320	1530	2830	4260	2030	1680	1780	2060	443	784
28	453	1770	1350	1460	2320	3670	1800	1660	1780	3060	459	634
29	441	1420	1880	1410	---	3470	1190	2100	1580	3240	456	609
30	444	1400	1550	1640	---	5440	1130	2330	1870	2450	427	496
31	440	---	1680	2010	---	5640	---	2350	---	1250	454	---
TOTAL	16665	27617	44328	47109	62270	261130	94140	44545	95320	44687	25236	19431
MEAN	538	921	1430	1520	2224	8424	3138	1437	3177	1442	814	648
MAX	828	2700	3430	2500	4760	21000	8040	2350	6170	3240	1550	927
MIN	438	437	553	829	1640	2200	1130	915	1150	728	427	467
CFSM	.24	.41	.64	.68	.99	3.76	1.40	.64	1.42	.64	.36	.29
IN.	.28	.46	.74	.78	1.03	4.34	1.56	.74	1.58	.74	.42	.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2001, BY WATER YEAR (WY)

MEAN	1419	1724	2588	3766	4580	5444	4170	2583	1848	1764	1470	1149
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1911 - 2001

ANNUAL TOTAL		434077				782478						
ANNUAL MEAN		1186				2144				2672		
HIGHEST ANNUAL MEAN										4848		1998
LOWEST ANNUAL MEAN										1122		1986
HIGHEST DAILY MEAN			5950	Jan 25		21000	Mar 16			97000	Jul 6 1994	
LOWEST DAILY MEAN			203	Aug 23		427	Aug 30			128	Oct 24 1954	
ANNUAL SEVEN-DAY MINIMUM			229	Aug 18		442	Oct 29			139	Oct 22 1954	
MAXIMUM PEAK FLOW						21700	Mar 16			107000	Jul 6 1994	
MAXIMUM PEAK STAGE						20.80	Mar 16			35.40	Jul 6 1994	
INSTANTANEOUS LOW FLOW										128	Oct 24 1954	
ANNUAL RUNOFF (CFSM)			.53			.96				1.19		
ANNUAL RUNOFF (INCHES)			7.21			12.99				16.21		
10 PERCENT EXCEEDS			2470			4710				5230		
50 PERCENT EXCEEDS			753			1340				1650		
90 PERCENT EXCEEDS			330			487				661		

STATISTICS COMPUTED BY: rnichols

DATE: 02/22/2002 AT: 10:08:12

STATION NUMBER 02213000 OCMULGEE RIVER AT MACON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325019 LONGITUDE 0833714 DRAINAGE AREA 2240.00 DATUM 269.80 STATE 13 COUNTY 021

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

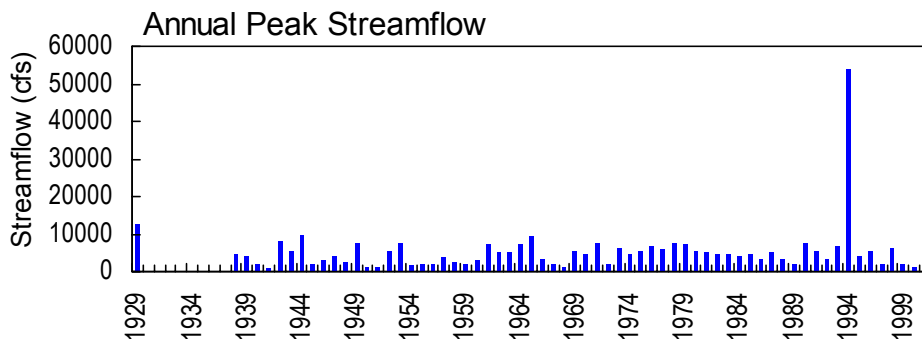
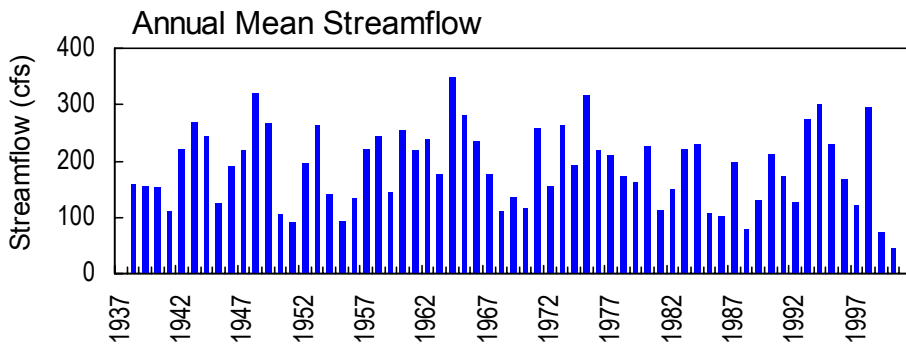
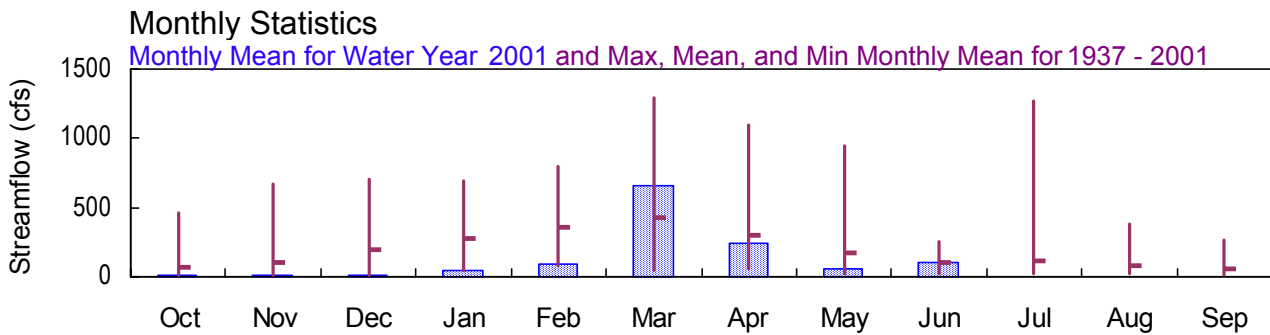
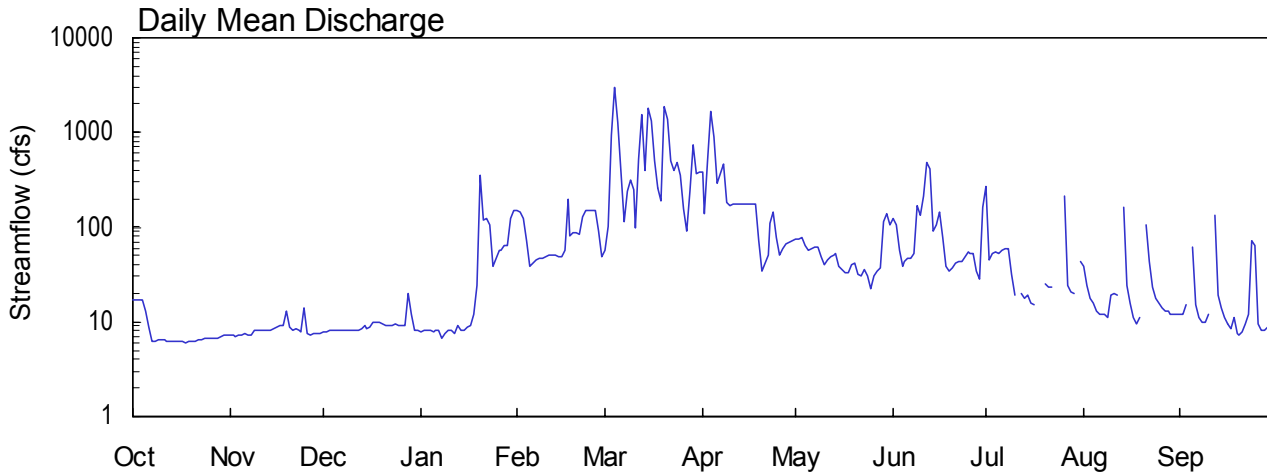
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.34	5.27	7.22	8.17	8.30	8.73	12.92	6.97	9.30	8.60	7.31	5.20
2	5.29	5.27	7.23	8.05	8.14	8.67	12.36	6.94	10.20	6.61	7.34	5.20
3	5.27	5.25	7.12	8.05	8.04	10.54	12.17	6.94	12.78	6.91	6.70	5.44
4	5.26	5.25	7.13	7.29	8.39	18.91	15.11	6.89	13.02	7.81	6.44	5.60
5	5.53	5.27	6.79	6.88	8.56	19.99	14.33	6.93	13.32	9.23	6.24	5.76
6	6.15	5.29	5.93	6.72	7.98	17.14	13.26	6.73	12.64	9.10	5.76	5.80
7	6.12	5.42	5.56	6.17	7.77	13.67	12.73	6.59	11.76	8.30	6.23	5.64
8	5.92	5.52	5.53	6.19	7.74	11.88	12.36	6.46	11.13	6.28	6.39	5.78
9	5.90	5.35	5.56	6.52	7.73	10.27	11.89	6.69	11.00	6.67	5.85	5.63
10	5.90	5.96	5.73	7.44	7.76	9.29	11.28	6.82	11.01	5.96	6.33	5.62
11	5.80	6.16	6.43	7.06	8.20	8.99	9.80	6.86	10.75	6.77	6.39	6.10
12	5.37	6.08	6.42	7.13	8.41	9.47	8.26	6.59	9.13	6.40	5.85	5.85
13	5.49	5.82	6.52	7.37	7.94	15.49	7.37	6.87	13.66	6.13	5.75	5.75
14	5.85	5.58	6.42	7.02	7.85	18.04	7.28	7.19	12.62	6.58	5.78	5.71
15	5.51	5.55	6.41	6.81	7.82	18.70	7.39	6.55	12.20	5.95	5.79	5.44
16	5.55	5.99	6.53	7.18	7.79	20.58	8.71	6.29	8.97	5.76	5.75	5.18
17	5.78	6.20	8.58	7.34	7.98	19.79	9.03	6.40	8.81	5.73	5.73	5.15
18	5.40	6.33	10.57	7.03	8.38	17.34	9.96	6.08	9.48	5.71	5.77	5.14
19	5.31	6.44	10.48	7.52	8.26	14.59	8.92	6.42	9.59	5.69	6.12	5.14
20	5.32	6.76	10.18	8.94	8.03	14.90	8.08	6.57	8.91	5.72	5.97	5.16
21	5.32	6.87	8.50	8.82	7.86	18.06	8.89	6.53	6.71	5.73	5.77	5.18
22	5.29	6.49	7.44	9.14	8.16	18.63	7.83	7.63	6.55	5.73	5.65	5.18
23	5.34	6.24	7.43	8.22	10.42	16.64	7.89	8.25	8.01	5.74	5.58	5.25
24	5.28	6.33	7.31	7.62	12.22	14.36	8.18	7.78	7.96	5.78	5.46	5.94
25	5.27	6.98	7.27	7.58	12.26	13.09	8.31	7.69	9.07	8.11	5.19	5.83
26	5.25	8.77	7.19	7.57	11.52	12.44	8.31	7.64	7.54	7.83	5.08	6.00
27	5.27	9.46	7.16	7.54	9.66	11.70	8.26	7.59	7.77	8.29	5.08	5.81
28	5.29	7.95	7.21	7.41	8.86	10.92	7.81	7.57	7.78	10.02	5.12	5.50
29	5.26	7.33	8.15	7.33	---	10.55	6.63	8.36	7.40	10.30	5.11	5.45
30	5.27	7.30	7.57	7.72	---	12.98	6.51	8.78	7.93	8.99	5.04	5.20
31	5.26	---	7.79	8.35	---	13.18	---	8.82	---	6.75	5.11	---
MEAN	5.49	6.28	7.27	7.49	8.64	14.18	9.73	7.11	9.90	7.07	5.86	5.52
MAX	6.15	9.46	10.57	9.14	12.26	20.58	15.11	8.82	13.66	10.30	7.34	6.10
MIN	5.25	5.25	5.53	6.17	7.73	8.67	6.51	6.08	6.55	5.69	5.04	5.14

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 310 feet Period of Record: 1937 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02213500 TOBESOFKEE CREEK NEAR MACON, GA**

**LOCATION.**--Lat 32°48'32", long 83°45'30", Bibb County, Hydrologic Unit 03070103, on right bank at downstream end of pier of bridge on GA Highway 22 connector, 8 miles west of Macon, and 14 miles upstream from mouth.

**DRAINAGE AREA.**--182 mi<sup>2</sup>.

**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 sea level. 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	0315	4,340*	15.57*
Mar. 15	1630	2,560	11.13
Mar. 20	1430	3,320	13.15
Apr. 4	0415	2,250	10.25
July 25	1630	2,130	9.87

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- April 1937 to current year.

**GAGE.**-- Water-stage recorder. Datum of gage is 309.98 feet above sea level. 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 recorded, 15.57 feet, March 4; minimum gage-height recorded, 1.50 feet, October 7-8, 11-18, 20-21.

STATION NUMBER 02213500 TOBESOFKEE CREEK NEAR MACON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324832 LONGITUDE 0834530 DRAINAGE AREA 182.00 DATUM 309.98 STATE 13 COUNTY 021

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	17	7.2	7.7	7.9	153	57	377	74	122	271	38	e12
2	17	7.3	7.8	8.1	145	103	138	76	108	45	24	e12
3	17	7.1	8.0	e8.0	124	944	508	77	57	53	e18	e15
4	17	7.3	8.0	e8.0	71	3000	1660	65	39	55	e16	---
5	13	7.3	8.1	e7.7	38	1290	891	57	43	53	e13	62
6	8.8	7.5	8.1	e8.2	42	382	293	60	46	56	e12	e15
7	6.3	7.3	8.0	e8.2	45	116	362	62	47	59	e12	e11
8	6.2	7.3	8.0	e6.6	46	244	470	62	52	59	e12	e9.8
9	6.4	8.0	8.3	e7.4	47	319	183	49	172	32	e11	e9.8
10	6.5	8.0	8.2	e8.2	48	254	172	40	133	19	e19	e12
11	6.5	8.1	8.1	e8.2	51	98	175	45	213	---	e20	---
12	6.2	8.2	8.0	e7.4	51	512	176	49	487	e20	e19	135
13	6.2	8.3	8.5	e9.0	51	1540	175	50	417	e18	---	e19
14	6.3	8.2	9.0	8.2	49	396	176	53	90	e19	161	e14
15	6.2	8.6	8.6	8.1	48	1810	178	38	107	e16	24	e11
16	6.2	8.9	8.9	8.8	57	1300	177	36	143	e15	e16	e9.7
17	6.2	9.3	10	e9.0	197	499	178	33	77	---	e11	e8.4
18	6.0	9.1	9.9	e12	82	261	177	33	39	e19	e9.5	e11
19	6.1	13	9.9	24	87	191	73	40	35	---	e11	7.5
20	6.2	8.7	9.7	358	88	1850	35	41	37	25	---	7.3
21	6.1	8.3	9.3	118	85	1360	42	32	41	23	108	7.8
22	6.4	8.4	9.3	122	129	499	51	30	43	e23	44	9.7
23	6.4	8.1	9.3	105	153	394	110	36	44	---	23	12
24	6.7	7.7	9.4	39	152	479	146	30	49	e18	e18	73
25	6.6	14	9.2	47	150	348	77	22	55	---	e16	63
26	6.7	7.4	9.2	57	151	154	50	30	53	214	e14	9.7
27	6.7	7.3	9.3	56	89	90	59	34	52	24	e13	8.1
28	6.7	7.5	20	63	49	237	66	37	34	e21	e13	8.2
29	7.0	7.4	12	64	---	750	70	116	28	e20	e12	8.7
30	7.2	7.5	8.2	125	---	369	73	140	161	---	e12	8.9
31	7.2	---	e8.2	152	---	377	---	107	---	43	e12	---
TOTAL	251.0	248.3	284.2	1479.0	2478	20223	7318	1654	3024	---	---	---
MEAN	8.10	8.28	9.17	47.7	88.5	652	244	53.4	101	---	---	---
MAX	17	14	20	358	197	3000	1660	140	487	---	---	---
MIN	6.0	7.1	7.7	6.6	38	57	35	22	28	---	---	---
CFSM	.04	.05	.05	.26	.49	3.58	1.34	.29	.55	---	---	---
IN.	.05	.05	.06	.30	.51	4.13	1.50	.34	.62	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	1937	1949	1965	1981	1997	2000	2001	2002	2003	2004	2005	2006
MEAN	65.2	104	198	280	356	424	303	170	103	116	85.8	59.1
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	24.0	18.1	18.7	6.57
(WY)	1955	2001	2001	1956	2000	1981	2000	2000	2000	1968	1968	1954

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

WATER YEARS 1937 - 2001

ANNUAL TOTAL	16030.5		
ANNUAL MEAN	43.8		
HIGHEST ANNUAL MEAN			189
LOWEST ANNUAL MEAN			349
HIGHEST DAILY MEAN	939	Mar 20	13000
LOWEST DAILY MEAN	6.0	Oct 18	2.5
ANNUAL SEVEN-DAY MINIMUM	6.1	Oct 15	3.1
MAXIMUM PEAK FLOW			54000
MAXIMUM PEAK STAGE			39.50
INSTANTANEOUS LOW FLOW			2.3
ANNUAL RUNOFF (CFSM)	.24		1.04
ANNUAL RUNOFF (INCHES)	3.28		14.09
10 PERCENT EXCEEDS	73		366
50 PERCENT EXCEEDS	24		90
90 PERCENT EXCEEDS	7.5		26

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/02/2002 AT: 09:54:12

e Estimated

STATION NUMBER 02213500 TOBESOFKEE CREEK NEAR MACON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324832 LONGITUDE 0834530 DRAINAGE AREA 182.00 DATUM 309.98 STATE 13 COUNTY 021

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

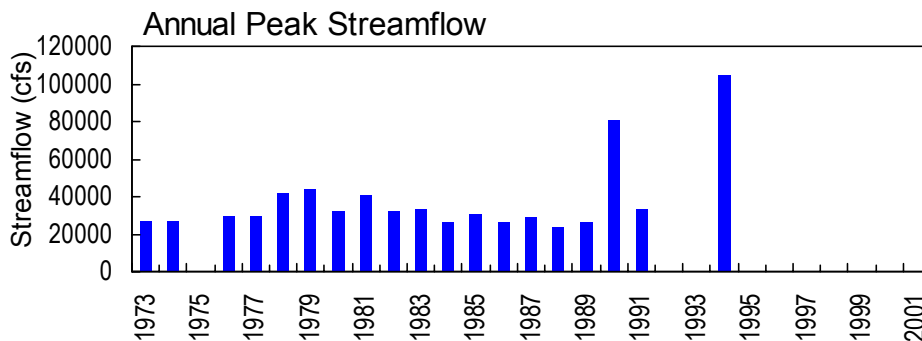
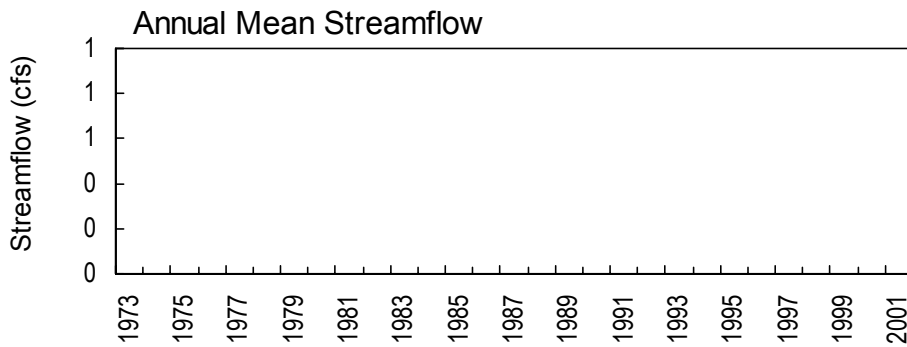
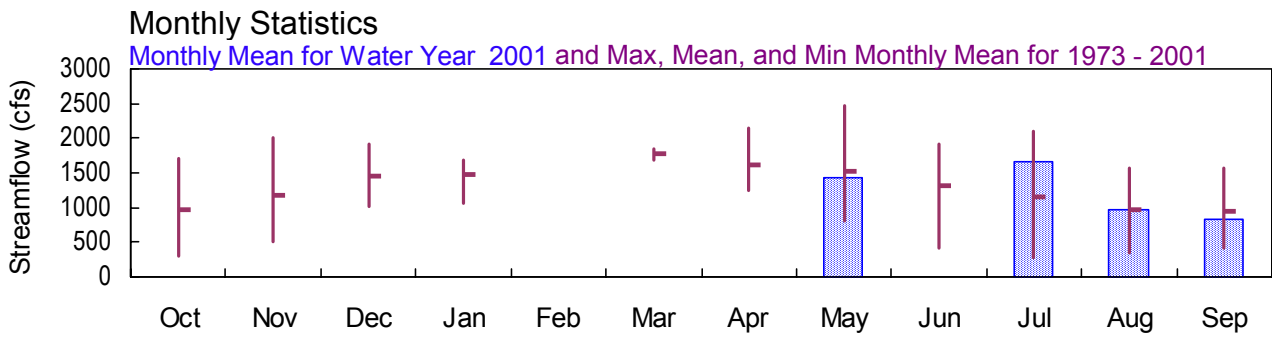
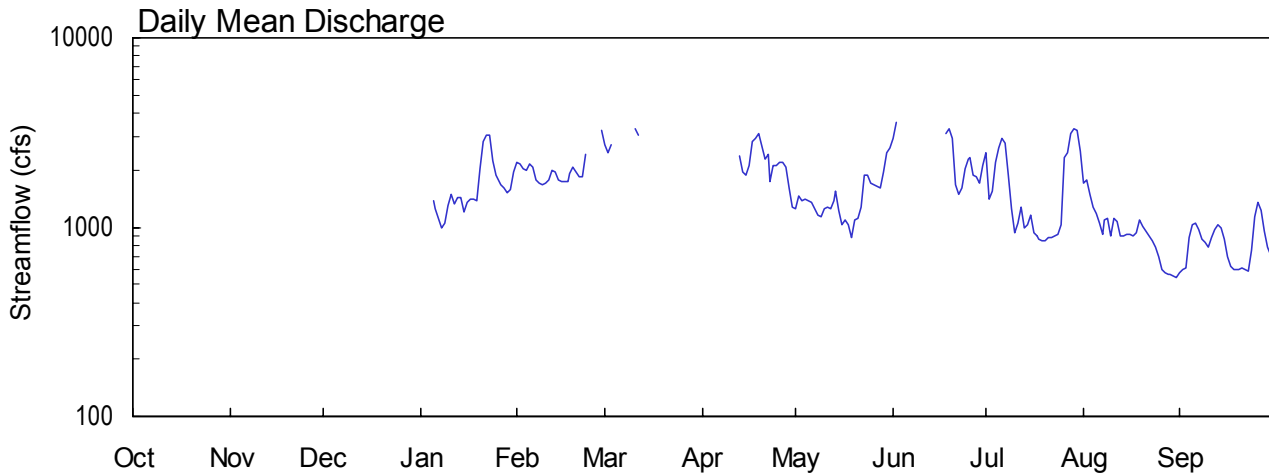
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.76	1.55	1.57	1.61	2.84	2.25	3.75	2.38	2.68	3.10	2.04	---
2	1.76	1.56	1.57	1.61	2.80	2.56	2.52	2.39	2.59	2.14	1.87	---
3	1.76	1.55	1.58	---	2.70	5.69	3.96	2.40	2.21	2.21	---	---
4	1.76	1.55	1.57	---	2.29	12.18	8.25	2.30	2.08	2.23	---	---
5	1.67	1.55	1.58	---	2.06	6.94	5.58	2.25	2.12	2.21	---	2.18
6	1.59	1.56	1.58	---	2.10	3.71	3.21	2.27	2.15	2.24	---	---
7	1.53	1.56	1.58	---	2.13	2.57	3.54	2.29	2.16	2.26	---	---
8	1.52	1.56	1.57	---	2.14	3.22	4.05	2.29	2.20	2.26	---	---
9	1.53	1.57	1.58	---	2.15	3.51	2.95	2.15	2.84	1.93	---	---
10	1.53	1.57	1.58	---	2.16	3.19	2.93	2.08	2.75	1.77	---	---
11	1.53	1.58	1.58	---	2.20	2.54	2.94	2.13	3.08	---	---	---
12	1.52	1.58	1.57	---	2.19	4.10	2.94	2.17	4.13	---	---	2.47
13	1.52	1.58	1.59	---	2.19	7.88	2.94	2.18	3.86	---	---	---
14	1.52	1.58	1.60	1.62	2.17	3.73	2.94	2.21	2.38	---	2.71	---
15	1.52	1.59	1.59	1.62	2.17	8.67	2.95	2.04	2.56	---	1.87	---
16	1.52	1.60	1.60	1.63	2.21	7.01	2.95	2.03	2.79	---	---	---
17	1.52	1.61	1.63	---	3.00	4.20	2.95	1.99	2.31	---	---	---
18	1.52	1.60	1.62	---	2.44	3.09	2.95	2.00	2.07	---	---	---
19	1.52	1.68	1.62	1.84	2.47	2.90	2.24	2.08	2.02	---	---	1.56
20	1.52	1.59	1.62	3.39	2.47	8.71	2.02	2.10	2.04	1.88	---	1.55
21	1.52	1.58	1.61	2.67	2.46	7.26	2.11	1.98	2.10	1.85	2.58	1.57
22	1.53	1.58	1.61	2.69	2.71	4.08	2.19	1.95	2.11	---	2.08	1.62
23	1.53	1.58	1.61	2.56	2.84	3.80	2.59	2.04	2.12	---	1.85	1.65
24	1.54	1.57	1.61	2.07	2.84	4.13	2.81	1.95	2.17	---	---	2.24
25	1.54	1.69	1.61	2.16	2.83	3.64	2.31	1.84	2.23	---	---	2.14
26	1.54	1.56	1.61	2.25	2.83	2.63	2.18	1.96	2.21	2.84	---	1.61
27	1.54	1.56	1.61	2.24	2.42	2.38	2.27	2.02	2.20	1.88	---	1.58
28	1.54	1.56	1.78	2.30	2.18	3.19	2.32	2.04	1.99	---	---	1.58
29	1.55	1.56	1.68	2.31	---	5.05	2.35	2.60	1.93	---	---	1.59
30	1.55	1.56	1.62	2.67	---	3.58	2.37	2.77	2.62	---	---	1.60
31	1.55	---	1.62	2.84	---	3.75	---	2.60	---	2.12	---	---
MEAN	1.57	1.58	1.60	---	2.43	4.59	3.07	2.18	2.42	---	---	---
MAX	1.76	1.69	1.78	---	3.00	12.18	8.25	2.77	4.13	---	---	---
MIN	1.52	1.55	1.57	---	2.06	2.25	2.02	1.84	1.93	---	---	---

# ALTAMAHA RIVER BASIN

## 2001 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: 2690 mi<sup>2</sup> Datum: 244 feet Period of Record: 1973 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA**

**LOCATION.**--Lat 32°40'17", long 83°36'11", 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Geologic Survey; Georgia Environmental Protection Division.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--October 1972 to current year, discharge less than 3,600 ft<sup>3</sup>/s, only.

**GAGE.**—Satellite transmitter with a water stage recorder and a continuous water-quality monitor. Datum of gage is 244.0 feet above sea level (from topographic map).

**REMARKS.**--Records good. Flow regulated by Lloyd Shoals Reservoir.

**EXTREMES FOR PERIOD OF RECORD.**--Maximum gage-height, 21.75 feet, July 8, 1994; minimum daily discharge, 227 ft<sup>3</sup>/s, October 18, 1987 and July 27, 1988.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height, 14.65 feet, March 6; minimum daily discharge, 540 ft<sup>3</sup>/s, August 31.



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA-continued.**

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- October 1972 to current year, discharge less than 3,600 ft<sup>3</sup>/s, only.

**GAGE.**-- Satellite transmitter with a water stage recorder and a continuous water-quality monitor. Datum of gage is 244.0 feet above sea level (from topographic map). Station was discontinued as a continuous discharge station on January 31, 2000.

**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, 14.65 feet, March 6; minimum gage-height recorded, 3.12 feet, August 31.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—April 14, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021  
 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	---	---	---	---	2210	2740	---	1250	2920	e2480	1690	571
2	---	---	---	---	2170	2460	---	1470	e3580	e1410	1770	593
3	---	---	---	---	2040	2700	---	1390	---	e1540	1490	611
4	---	---	---	---	2010	---	---	1400	---	e2190	1270	889
5	---	---	---	1390	2160	---	---	1370	---	e2630	1170	1030
6	---	---	---	1250	2060	---	---	1340	---	e2960	1050	1060
7	---	---	---	1110	1770	---	---	1250	---	2770	916	964
8	---	---	---	984	1700	---	---	1160	---	1890	1090	857
9	---	---	---	1040	1680	---	---	1140	---	1250	1110	838
10	---	---	---	1300	1700	---	---	1250	---	e932	901	791
11	---	---	---	1480	1760	3290	---	1280	---	e1050	1120	877
12	---	---	---	1330	1980	3070	---	e1240	---	e1280	1080	964
13	---	---	---	1430	1940	---	2390	e1380	---	e991	902	1030
14	---	---	---	1430	1760	---	1970	e1550	---	1020	e907	1000
15	---	---	---	1210	1740	---	1890	e1230	---	1150	e922	859
16	---	---	---	1360	1730	---	2120	e1030	---	e934	e909	697
17	---	---	---	1400	1730	---	2820	e1090	---	e895	e891	624
18	---	---	---	1410	1900	---	2950	1030	3130	e868	e938	600
19	---	---	---	1370	2070	---	3140	883	e3310	e849	e1100	597
20	---	---	---	2040	1960	---	2690	1100	e2950	e855	e1010	593
21	---	---	---	2850	1840	---	2300	1110	e1660	e875	956	605
22	---	---	---	3050	1830	---	2420	1270	e1480	e875	891	595
23	---	---	---	3050	2400	---	1750	1890	1620	e901	844	591
24	---	---	---	2240	---	---	2120	1890	2020	e917	789	754
25	---	---	---	1880	---	---	2120	1720	2290	e1030	692	1140
26	---	---	---	1740	---	---	2200	1670	2320	2310	603	1340
27	---	---	---	1660	---	---	2180	1650	e1890	e2480	573	1220
28	---	---	---	1600	3210	---	2080	1620	e1860	3090	564	948
29	---	---	---	1520	---	---	1620	1960	e1710	3310	568	784
30	---	---	---	1590	---	---	1280	2460	e2120	3250	553	707
31	---	---	---	1940	---	---	---	2640	---	2520	540	---
TOTAL	---	---	---	---	---	---	---	44713	---	51502	29809	24729
MEAN	---	---	---	---	---	---	---	1442	---	1661	962	824
MAX	---	---	---	---	---	---	---	2640	---	3310	1770	1340
MIN	---	---	---	---	---	---	---	883	---	849	540	571

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2001, BY WATER YEAR (WY)

	979	1176	1445	1468	---	1766	1618	1512	1326	1151	970	950
MEAN	979	1176	1445	1468	---	1766	1618	1512	1326	1151	970	950
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	1016	1070	---	1695	1238	807	407	284	343	408
(WY)	1988	1988	1988	1981	---	1988	1986	1986	1988	1988	1988	1999

SUMMARY STATISTICS

WATER YEARS 1973 - 2001

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
10 PERCENT EXCEEDS	2980	
50 PERCENT EXCEEDS	1380	
90 PERCENT EXCEEDS	665	

STATISTICS COMPUTED BY: rnichols

DATE: 02/27/2002 AT: 15:27:21

e Estimated

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021  
 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	---	---	---	---	9.28	10.44	13.85	6.27	10.80	---	7.64	3.29
2	---	---	---	---	9.16	9.85	13.66	6.92	---	---	7.92	3.40
3	---	---	---	---	8.81	10.35	13.46	6.70	---	---	6.95	3.48
4	---	---	---	---	8.70	13.05	13.67	6.71	---	---	6.19	4.70
5	---	---	---	6.62	9.16	14.46	14.33	6.64	---	---	5.81	5.29
6	---	---	---	6.12	8.85	14.47	14.30	6.54	---	---	5.34	5.41
7	---	---	---	5.60	7.90	14.27	14.07	6.28	---	10.51	4.82	5.01
8	---	---	---	5.09	7.68	13.94	13.73	6.00	---	8.23	5.51	4.57
9	---	---	---	5.32	7.62	13.33	13.52	5.95	---	6.26	5.58	4.49
10	---	---	---	6.29	7.66	12.34	13.27	6.27	---	---	4.76	4.30
11	---	---	---	6.93	7.88	11.48	12.65	6.38	---	---	5.61	4.65
12	---	---	---	6.42	8.61	11.09	11.58	---	12.25	---	5.46	5.02
13	---	---	---	6.77	8.47	12.44	9.67	---	12.79	---	4.76	5.30
14	---	---	---	6.74	7.88	14.17	8.57	---	13.90	5.57	---	5.16
15	---	---	---	5.95	7.80	14.35	8.31	---	13.77	5.97	---	4.58
16	---	---	---	6.52	7.76	14.41	8.98	---	13.17	---	---	3.88
17	---	---	---	6.64	7.77	14.52	10.60	---	11.86	---	---	3.54
18	---	---	---	6.69	8.35	14.41	10.85	5.57	11.19	---	---	3.43
19	---	---	---	6.54	8.89	14.28	11.21	5.03	---	---	---	3.41
20	---	---	---	8.72	8.55	14.11	10.33	5.83	---	---	---	3.40
21	---	---	---	10.66	8.15	14.25	9.47	5.85	---	---	4.98	3.45
22	---	---	---	11.05	8.11	14.45	9.77	6.33	---	---	4.72	3.41
23	---	---	---	11.03	9.64	14.38	7.85	8.30	7.41	---	4.52	3.39
24	---	---	---	9.31	11.71	14.24	9.03	8.29	8.74	---	4.28	4.12
25	---	---	---	8.28	12.64	14.09	9.05	7.75	9.44	---	3.85	5.68
26	---	---	---	7.80	12.84	13.87	9.24	7.57	9.50	9.51	3.45	6.43
27	---	---	---	7.54	12.49	13.53	9.20	7.50	---	---	3.30	5.99
28	---	---	---	7.34	11.34	12.99	8.94	7.42	---	11.12	3.26	4.96
29	---	---	---	7.07	---	12.49	7.41	8.48	---	11.51	3.28	4.29
30	---	---	---	7.30	---	13.16	6.37	9.86	---	11.41	3.20	3.95
31	---	---	---	8.48	---	13.95	---	10.26	---	9.92	3.14	---
MEAN	---	---	---	---	9.06	13.33	10.90	---	---	---	---	4.40
MAX	---	---	---	---	12.84	14.52	14.33	---	---	---	---	6.43
MIN	---	---	---	---	7.62	9.85	6.37	---	---	---	---	3.29

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

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	---	---	---	---	---	---	---	.00	---	---	.00	.00
2	---	---	---	---	---	---	---	.00	---	---	.00	.00
3	---	---	---	---	---	---	---	.00	---	---	.00	2.61
4	---	---	---	---	---	---	---	.00	---	---	.00	.42
5	---	---	---	---	---	---	---	.00	---	---	.01	.00
6	---	---	---	---	---	---	---	.00	---	---	.00	.00
7	---	---	---	---	---	---	---	.00	---	.00	.01	.00
8	---	---	---	---	---	---	---	.00	---	.00	.00	.02
9	---	---	---	---	---	---	---	.00	---	.00	.00	.00
10	---	---	---	---	---	---	---	.00	---	---	.09	.00
11	---	---	---	---	---	---	---	.11	---	---	.01	.10
12	---	---	---	---	---	---	---	---	1.75	---	.00	.00
13	---	---	---	---	---	---	---	---	.00	---	.00	.00
14	---	---	---	---	---	---	---	---	.00	.00	.00	.00
15	---	---	---	---	---	---	---	---	.01	.00	.00	.00
16	---	---	---	---	---	---	---	---	.00	---	.00	.00
17	---	---	---	---	---	---	---	---	.00	---	---	.00
18	---	---	---	---	---	---	---	.00	.00	---	---	.01
19	---	---	---	---	---	---	---	.04	---	---	---	.00
20	---	---	---	---	---	---	---	1.23	---	---	---	.02
21	---	---	---	---	---	---	---	.00	---	---	.00	.00
22	---	---	---	---	---	---	---	.25	---	---	.00	.00
23	---	---	---	---	---	---	---	.18	.00	---	.00	.27
24	---	---	---	---	---	---	---	.00	.00	---	.00	.98
25	---	---	---	---	---	---	.20	.00	.02	---	.00	.00
26	---	---	---	---	---	---	.00	.00	.00	.00	.07	.00
27	---	---	---	---	---	---	.00	.01	.00	.00	.00	.00
28	---	---	---	---	---	---	.00	.00	.00	.00	.02	.00
29	---	---	---	---	---	---	.05	3.71	.00	.04	.00	.00
30	---	---	---	---	---	---	.00	.00	.00	.60	.03	.00
31	---	---	---	---	---	---	---	1.05	---	.00	.02	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	4.43

**ALTAMAHA RIVER BASIN**  
**2001 Water Year**

**02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA**

**LOCATION.**--Lat 32°40'17", long 83°36'11", 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Environmental Protection Division.

**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 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, 7, 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 recorded (greater than 20 percent missing), 253 microsiemens, October 31; minimum recorded (greater than 20 percent missing), 54 microsiemens, March 22.

**pH:** Maximum recorded (greater than 20 percent missing), 7.6 units, several days during February; minimum recorded (greater than 20 percent missing), 6.4 units, March 5.

**WATER TEMPERATURE:** Maximum recorded (greater than 20 percent missing), 31.3 °C, August 27; minimum recorded (greater than 20 percent missing), 3.1 °C, January 4.

**DISSOLVED OXYGEN:** Maximum recorded (greater than 20 percent missing), 12.9 mg/L, January 3, 4; minimum recorded (greater than 20 percent missing), 5.2 mg/L, September 25.

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	194	178	188	245	227	237	---	---	---	121	115	117
2	209	178	195	236	220	230	---	---	---	124	120	123
3	217	194	207	246	221	233	---	---	---	121	116	118
4	222	194	207	251	235	245	---	---	---	128	116	121
5	232	212	222	248	235	243	157	149	154	142	128	134
6	224	186	204	241	223	232	169	149	155	144	139	142
7	219	163	179	245	225	236	196	169	183	153	142	146
8	193	177	181	243	209	228	202	177	187	157	146	152
9	189	167	177	229	212	220	205	178	197	156	149	151
10	206	173	181	223	211	216	200	183	192	154	137	141
11	206	179	189	226	191	200	194	177	185	137	120	127
12	---	---	---	204	190	195	179	167	174	132	124	128
13	---	---	---	204	184	195	173	163	168	141	127	133
14	---	---	---	208	191	202	174	161	167	144	133	139
15	---	---	---	216	173	195	174	153	162	151	137	142
16	---	---	---	235	216	225	175	161	169	151	134	140
17	---	---	---	224	212	218	170	145	158	138	129	133
18	---	---	---	215	189	200	145	132	138	144	127	136
19	---	---	---	210	191	203	142	138	141	148	120	132
20	---	---	---	---	---	---	141	136	139	144	113	126
21	---	---	---	---	---	---	146	137	139	117	106	110
22	---	---	---	---	---	---	160	146	152	114	108	111
23	---	---	---	---	---	---	160	146	154	117	112	114
24	---	---	---	---	---	---	148	136	141	132	117	125
25	229	181	203	---	---	---	146	140	144	131	120	126
26	215	194	204	---	---	---	147	136	141	136	127	131
27	238	199	222	---	---	---	149	137	140	140	130	133
28	246	192	226	---	---	---	145	132	139	142	134	139
29	229	192	218	---	---	---	133	105	123	140	131	137
30	238	220	227	---	---	---	111	99	105	135	128	131
31	253	237	245	---	---	---	122	103	114	135	128	131
MONTH	---	---	---	---	---	---	---	---	---	157	106	131

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	128	113	121	---	---	---	71	68	69	140	122	130
2	124	118	122	---	---	---	77	70	73	140	127	132
3	123	118	121	112	103	108	79	76	78	136	117	123
4	124	121	123	103	68	84	80	69	76	136	123	130
5	124	115	119	71	61	66	70	62	66	144	113	125
6	126	120	123	72	66	69	70	65	68	142	114	124
7	123	116	120	77	72	75	76	69	72	147	132	136
8	135	119	126	81	76	78	82	76	79	150	138	143
9	129	126	127	83	80	81	83	81	82	158	138	144
10	133	127	130	84	81	82	88	80	83	158	130	143
11	134	123	131	93	84	89	93	86	89	153	126	133
12	126	120	123	94	88	91	97	92	93	---	---	---
13	133	120	124	97	75	85	108	97	103	---	---	---
14	137	128	131	75	63	67	109	104	107	---	---	---
15	129	126	128	70	66	69	109	105	107	---	---	---
16	132	125	129	70	63	66	111	101	107	---	---	---
17	128	121	125	63	60	61	101	91	96	---	---	---
18	124	114	119	62	60	61	94	89	92	162	134	149
19	122	117	119	63	61	62	96	86	90	162	151	157
20	132	119	127	66	61	64	101	96	100	155	135	148
21	135	130	132	65	57	61	108	101	105	150	136	143
22	134	130	132	57	54	56	104	98	100	152	139	144
23	133	118	125	60	56	58	112	102	109	139	130	134
24	118	102	107	65	60	62	---	---	---	139	130	134
25	---	---	---	66	64	65	110	101	105	141	128	135
26	---	---	---	68	65	66	106	102	104	140	129	134
27	---	---	---	75	68	71	107	103	105	144	138	141
28	---	---	---	76	73	74	110	104	107	144	133	139
29	---	---	---	84	76	79	116	106	111	143	128	135
30	---	---	---	84	69	75	122	116	119	129	118	123
31	---	---	---	69	64	66	---	---	---	127	119	124
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

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	---	---	---	---	---	---	145	130	138	222	170	193
2	---	---	---	---	---	---	131	125	129	210	172	198
3	---	---	---	---	---	---	158	129	141	202	170	184
4	---	---	---	---	---	---	155	135	139	225	146	182
5	---	---	---	---	---	---	155	129	136	163	148	152
6	---	---	---	---	---	---	167	142	145	166	145	154
7	---	---	---	---	---	---	182	167	177	165	149	155
8	---	---	---	---	---	---	176	152	158	180	165	173
9	---	---	---	---	---	---	177	148	157	185	174	180
10	---	---	---	---	---	---	177	147	159	193	177	185
11	---	---	---	---	---	---	177	145	150	181	167	175
12	104	90	93	---	---	---	157	144	147	173	136	157
13	104	73	84	---	---	---	151	140	146	168	137	147
14	83	75	77	163	143	152	168	145	153	170	151	159
15	85	78	83	152	138	144	163	145	154	187	166	176
16	93	78	87	---	---	---	162	138	150	205	187	197
17	100	93	97	---	---	---	---	---	---	224	205	218
18	106	100	102	---	---	---	---	---	---	216	188	198
19	---	---	---	---	---	---	---	---	---	211	189	197
20	---	---	---	---	---	---	---	---	---	221	206	214
21	---	---	---	---	---	---	159	130	151	227	207	219
22	---	---	---	---	---	---	167	124	148	214	196	205
23	131	117	126	---	---	---	155	142	150	212	196	205
24	117	105	110	---	---	---	179	155	171	223	186	211
25	115	102	109	---	---	---	180	147	164	196	146	161
26	112	100	104	132	85	100	195	146	176	173	157	165
27	---	---	---	---	---	---	201	183	195	167	143	152
28	---	---	---	114	98	107	183	155	172	185	149	170
29	---	---	---	122	112	115	200	148	176	183	169	177
30	---	---	---	124	119	121	200	150	182	202	168	190
31	---	---	---	135	120	126	228	189	208	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	227	136	182



STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.2	7.1	7.2	7.5	7.5	7.5	---	---	---	7.3	7.2	7.2
2	7.2	7.1	7.2	7.5	7.5	7.5	---	---	---	7.3	7.3	7.3
3	7.2	7.2	7.2	7.5	7.4	7.5	---	---	---	7.3	7.3	7.3
4	7.2	7.2	7.2	7.5	7.4	7.5	---	---	---	7.3	7.3	7.3
5	7.2	7.2	7.2	---	---	---	7.4	7.3	7.3	7.3	7.3	7.3
6	7.2	7.2	7.2	---	---	---	7.3	7.3	7.3	7.3	7.3	7.3
7	7.2	7.0	7.1	7.5	7.4	7.5	7.3	7.2	7.2	7.4	7.3	7.3
8	7.1	7.1	7.1	7.5	7.4	7.4	7.3	7.2	7.2	7.3	7.3	7.3
9	7.2	7.1	7.2	7.4	7.4	7.4	7.3	7.2	7.2	7.3	7.3	7.3
10	7.2	7.2	7.2	7.5	7.3	7.4	7.3	7.3	7.3	7.4	7.3	7.4
11	7.2	7.2	7.2	7.4	7.3	7.4	7.3	7.3	7.3	7.4	7.4	7.4
12	---	---	---	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.3	7.4
13	---	---	---	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.4	7.4
14	---	---	---	7.4	7.4	7.4	7.4	7.3	7.3	7.4	7.4	7.4
15	---	---	---	7.4	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3
16	---	---	---	7.5	7.3	7.4	7.3	7.3	7.3	7.4	7.3	7.4
17	---	---	---	7.5	7.4	7.5	7.3	7.3	7.3	7.4	7.4	7.4
18	---	---	---	7.5	7.3	7.4	7.4	7.3	7.3	7.4	7.3	7.3
19	---	---	---	7.4	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3
20	---	---	---	---	---	---	7.5	7.3	7.4	7.3	7.2	7.2
21	---	---	---	---	---	---	7.4	7.3	7.4	7.2	7.1	7.1
22	---	---	---	---	---	---	7.4	7.3	7.3	7.2	7.1	7.1
23	---	---	---	---	---	---	7.4	7.4	7.4	7.2	7.2	7.2
24	---	---	---	---	---	---	7.4	7.4	7.4	7.2	7.2	7.2
25	7.4	7.4	7.4	---	---	---	7.4	7.4	7.4	7.3	7.2	7.2
26	7.4	7.4	7.4	---	---	---	7.4	7.4	7.4	7.3	7.3	7.3
27	7.5	7.4	7.4	---	---	---	7.4	7.4	7.4	7.3	7.3	7.3
28	7.5	7.4	7.4	---	---	---	7.4	7.4	7.4	7.3	7.3	7.3
29	7.5	7.4	7.5	---	---	---	7.4	7.2	7.3	7.4	7.3	7.3
30	7.5	7.4	7.5	---	---	---	7.2	7.0	7.1	7.4	7.3	7.3
31	7.5	7.5	7.5	---	---	---	7.2	7.0	7.1	7.3	7.3	7.3
MAX	---	---	---	---	---	---	---	---	---	7.4	7.4	7.4
MIN	---	---	---	---	---	---	---	---	---	7.2	7.1	7.1

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.3	7.3	7.3	---	---	---	6.8	6.8	6.8	7.1	7.1	7.1
2	7.3	7.3	7.3	---	---	---	6.9	6.8	6.9	7.2	7.1	7.1
3	7.3	7.3	7.3	7.3	7.2	7.3	6.9	6.9	6.9	7.2	7.1	7.1
4	7.5	7.3	7.3	7.2	6.6	7.0	6.9	6.8	6.9	7.2	7.1	7.2
5	7.5	7.5	7.5	6.6	6.4	6.5	6.8	6.6	6.7	7.2	7.1	7.1
6	7.5	7.4	7.5	6.7	6.5	6.6	6.8	6.7	6.7	7.2	7.1	7.2
7	7.5	7.4	7.4	6.8	6.7	6.8	6.8	6.7	6.8	7.2	7.2	7.2
8	7.5	7.5	7.5	6.9	6.8	6.9	6.9	6.8	6.9	7.2	7.2	7.2
9	7.5	7.4	7.5	6.9	6.9	6.9	6.9	6.9	6.9	7.2	7.2	7.2
10	7.5	7.4	7.4	6.9	6.9	6.9	7.0	6.9	6.9	7.2	7.2	7.2
11	7.5	7.4	7.5	7.0	6.9	7.0	7.0	6.9	6.9	7.2	7.2	7.2
12	7.5	7.5	7.5	7.0	7.0	7.0	6.9	6.9	6.9	---	---	---
13	7.5	7.5	7.5	7.0	6.8	7.0	7.0	6.9	6.9	---	---	---
14	7.5	7.5	7.5	6.8	6.6	6.6	7.0	7.0	7.0	---	---	---
15	7.5	7.5	7.5	6.7	6.7	6.7	7.0	7.0	7.0	---	---	---
16	7.5	7.5	7.5	6.7	6.5	6.6	7.1	7.0	7.0	---	---	---
17	7.6	7.5	7.6	6.6	6.5	6.6	7.1	7.0	7.1	---	---	---
18	7.6	7.6	7.6	6.7	6.6	6.6	7.2	7.1	7.1	7.2	7.2	7.2
19	7.6	7.6	7.6	6.8	6.7	6.7	7.2	7.1	7.1	7.2	7.2	7.2
20	7.6	7.6	7.6	6.9	6.8	6.8	7.2	7.1	7.1	7.3	7.2	7.2
21	7.6	7.6	7.6	6.8	6.7	6.8	7.2	7.1	7.1	7.2	7.2	7.2
22	7.6	7.6	7.6	6.7	6.7	6.7	7.2	7.1	7.2	7.3	7.2	7.3
23	7.6	7.5	7.6	6.8	6.7	6.7	7.1	7.1	7.1	7.3	7.3	7.3
24	7.6	7.4	7.4	6.8	6.8	6.8	---	---	---	7.3	7.3	7.3
25	---	---	---	6.9	6.8	6.8	7.1	7.1	7.1	7.3	7.3	7.3
26	---	---	---	6.9	6.8	6.9	7.1	7.1	7.1	7.3	7.3	7.3
27	---	---	---	6.9	6.8	6.9	7.2	7.1	7.1	7.4	7.3	7.3
28	---	---	---	6.9	6.8	6.9	7.2	7.1	7.2	7.4	7.3	7.4
29	---	---	---	6.9	6.9	6.9	7.2	7.1	7.1	7.4	7.2	7.3
30	---	---	---	6.9	6.8	6.9	7.1	7.1	7.1	7.2	7.1	7.2
31	---	---	---	6.8	6.8	6.8	---	---	---	7.2	7.1	7.1
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	7.1	7.0	7.0	7.5	7.4	7.4
2	---	---	---	---	---	---	7.2	7.1	7.1	7.4	7.3	7.4
3	---	---	---	---	---	---	7.2	7.1	7.2	7.4	7.3	7.4
4	---	---	---	---	---	---	7.2	7.1	7.2	7.4	7.1	7.3
5	---	---	---	---	---	---	7.2	7.2	7.2	7.1	7.0	7.1
6	---	---	---	---	---	---	7.2	7.2	7.2	7.2	7.1	7.1
7	---	---	---	---	---	---	7.2	7.2	7.2	7.2	7.1	7.2
8	---	---	---	---	---	---	7.3	7.2	7.2	7.3	7.2	7.3
9	---	---	---	---	---	---	7.3	7.2	7.3	7.3	7.3	7.3
10	---	---	---	---	---	---	7.3	7.2	7.3	7.3	7.3	7.3
11	---	---	---	---	---	---	7.3	7.2	7.3	7.4	7.3	7.3
12	6.8	6.7	6.7	---	---	---	7.3	7.2	7.2	7.3	7.1	7.2
13	6.7	6.6	6.7	---	---	---	7.3	7.2	7.2	7.2	7.1	7.1
14	6.6	6.6	6.6	7.1	7.0	7.1	7.3	7.2	7.2	7.2	7.1	7.1
15	6.7	6.6	6.6	7.1	7.1	7.1	7.2	7.2	7.2	7.3	7.2	7.3
16	6.6	6.6	6.6	---	---	---	7.2	7.1	7.2	7.3	7.3	7.3
17	6.7	6.6	6.6	---	---	---	---	---	---	7.4	7.3	7.3
18	6.8	6.7	6.7	---	---	---	---	---	---	7.4	7.3	7.4
19	---	---	---	---	---	---	---	---	---	7.4	7.3	7.4
20	---	---	---	---	---	---	---	---	---	7.4	7.4	7.4
21	---	---	---	---	---	---	7.3	7.3	7.3	7.4	7.4	7.4
22	---	---	---	---	---	---	7.3	7.2	7.3	7.4	7.4	7.4
23	6.9	6.8	6.9	---	---	---	7.3	7.2	7.3	7.4	7.3	7.4
24	7.0	6.9	6.9	---	---	---	7.4	7.3	7.3	7.4	7.2	7.3
25	7.0	7.0	7.0	---	---	---	7.3	7.3	7.3	7.2	7.0	7.0
26	7.0	6.9	6.9	7.1	6.8	6.9	7.4	7.3	7.3	7.0	7.0	7.0
27	---	---	---	---	---	---	7.4	7.3	7.3	7.1	7.0	7.0
28	---	---	---	6.9	6.7	6.8	7.4	7.3	7.3	7.2	7.1	7.2
29	---	---	---	7.1	6.9	7.1	7.5	7.3	7.3	7.2	7.2	7.2
30	---	---	---	7.1	7.1	7.1	7.4	7.3	7.4	7.3	7.2	7.3
31	---	---	---	7.1	7.0	7.0	7.5	7.3	7.4	---	---	---
MAX	---	---	---	---	---	---	---	---	---	7.5	7.4	7.4
MIN	---	---	---	---	---	---	---	---	---	7.0	7.0	7.0

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.3	22.1	22.6	20.9	19.5	20.1	---	---	---	3.6	3.2	3.4
2	23.8	21.9	22.7	21.0	19.4	20.1	---	---	---	3.8	3.3	3.5
3	24.0	22.1	22.9	21.4	19.9	20.5	---	---	---	3.7	3.2	3.5
4	24.9	22.4	23.5	21.5	20.1	20.7	---	---	---	3.6	3.1	3.4
5	25.6	23.5	24.4	21.1	20.1	20.7	8.5	7.8	8.1	4.4	3.4	3.9
6	24.9	23.9	24.4	20.1	19.1	19.7	8.3	7.8	8.0	5.1	4.0	4.4
7	23.9	22.5	23.3	19.9	19.0	19.4	8.6	7.8	8.2	5.7	4.5	5.0
8	22.5	19.8	21.5	20.2	19.2	19.7	9.4	8.2	8.8	7.0	5.6	6.4
9	19.8	17.6	18.8	20.5	20.0	20.2	10.1	9.2	9.7	7.1	6.2	6.9
10	17.6	16.9	17.2	20.0	18.0	19.1	10.1	9.9	10.0	6.2	5.1	5.6
11	17.5	16.3	16.9	18.0	16.2	17.1	10.0	9.8	9.9	5.4	5.0	5.2
12	---	---	---	16.3	15.6	15.9	10.9	9.9	10.4	6.1	5.0	5.6
13	---	---	---	15.6	15.3	15.5	10.4	9.1	9.8	6.4	5.4	5.9
14	---	---	---	15.9	15.0	15.6	9.1	8.6	8.8	7.2	6.0	6.5
15	---	---	---	15.0	13.8	14.5	8.6	8.4	8.4	8.2	6.9	7.5
16	---	---	---	13.8	13.4	13.6	9.2	8.4	8.7	8.2	7.8	8.0
17	---	---	---	13.6	13.4	13.5	9.4	8.8	9.2	8.1	7.8	7.9
18	---	---	---	13.4	12.1	12.8	8.8	7.6	8.1	8.3	7.7	8.0
19	---	---	---	12.1	11.1	11.6	7.6	6.9	7.3	9.2	8.1	8.7
20	---	---	---	---	---	---	6.9	5.6	6.2	10.8	9.1	9.8
21	---	---	---	---	---	---	5.6	5.3	5.4	9.2	7.2	8.2
22	---	---	---	---	---	---	5.5	5.1	5.3	7.2	6.7	6.9
23	---	---	---	---	---	---	5.2	4.4	4.9	6.8	6.2	6.6
24	---	---	---	---	---	---	5.0	4.3	4.6	7.2	6.7	7.0
25	21.4	19.8	20.4	---	---	---	5.2	4.6	4.8	7.2	6.5	6.9
26	21.4	20.0	20.5	---	---	---	5.3	4.7	5.0	7.0	6.2	6.6
27	21.2	19.8	20.4	---	---	---	5.6	4.9	5.3	8.1	6.6	7.4
28	21.5	19.9	20.5	---	---	---	6.0	5.4	5.8	8.4	7.7	8.0
29	21.6	20.1	20.7	---	---	---	6.0	5.4	5.7	9.0	7.8	8.4
30	21.2	19.7	20.3	---	---	---	5.4	4.3	5.1	10.6	8.9	9.9
31	21.0	19.6	20.2	---	---	---	4.3	3.2	3.7	10.8	10.3	10.6
MONTH	---	---	---	---	---	---	---	---	---	10.8	3.1	6.6

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

## 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	10.6	9.8	10.3	---	---	---	13.8	12.7	13.2	22.6	21.5	22.1
2	9.8	8.9	9.4	---	---	---	14.0	13.0	13.4	22.8	21.9	22.4
3	8.9	8.0	8.4	15.2	14.7	14.9	13.8	13.2	13.5	22.9	21.8	22.3
4	8.6	7.9	8.2	15.9	15.0	15.5	13.7	13.1	13.4	23.3	21.9	22.6
5	8.9	8.3	8.6	15.6	13.9	14.9	14.8	13.7	14.3	23.8	22.4	23.1
6	9.2	8.5	8.9	13.9	12.4	13.0	15.9	14.7	15.3	24.4	23.0	23.7
7	9.3	8.6	9.0	12.4	11.7	12.1	17.0	15.7	16.4	24.1	23.3	23.8
8	10.0	8.9	9.5	12.6	11.7	12.1	17.8	16.7	17.3	23.6	22.9	23.2
9	11.2	9.7	10.5	12.8	12.3	12.6	18.8	17.4	18.1	23.9	22.7	23.3
10	12.4	10.9	11.9	12.5	11.5	12.1	19.9	18.2	19.0	23.7	23.3	23.5
11	12.0	10.9	11.6	12.8	11.9	12.4	20.9	19.3	20.0	24.2	23.2	23.7
12	11.0	9.9	10.6	13.2	12.8	12.9	21.1	20.1	20.7	---	---	---
13	9.9	9.3	9.5	14.4	13.0	13.6	22.0	21.1	21.6	---	---	---
14	10.3	9.6	10.0	14.3	13.9	14.1	22.3	21.1	21.8	---	---	---
15	11.4	10.2	10.9	14.6	13.6	14.0	22.1	21.5	21.8	---	---	---
16	13.6	11.4	12.6	15.3	14.0	14.6	21.5	20.3	20.9	---	---	---
17	14.6	13.6	14.1	15.1	14.0	14.5	20.3	18.3	19.6	---	---	---
18	13.7	11.6	12.6	14.0	13.1	13.4	18.3	16.7	17.2	27.2	25.6	26.3
19	11.6	11.1	11.4	13.1	11.9	12.6	16.8	15.9	16.5	27.2	26.0	26.5
20	11.3	11.1	11.2	11.9	11.2	11.5	18.0	16.8	17.4	26.4	25.5	26.2
21	12.1	11.2	11.6	11.2	10.6	10.8	19.3	17.7	18.4	25.8	25.2	25.4
22	13.1	12.1	12.8	12.2	10.5	11.3	20.1	18.9	19.5	25.4	24.6	25.1
23	13.2	12.5	12.8	13.3	12.2	12.7	21.4	19.7	20.5	24.6	23.3	23.9
24	12.5	12.2	12.4	13.3	12.6	13.0	---	---	---	23.8	22.8	23.2
25	---	---	---	13.6	13.0	13.2	22.1	20.5	21.5	23.8	23.1	23.4
26	---	---	---	13.2	12.4	12.8	20.7	19.8	20.3	23.9	22.9	23.3
27	---	---	---	12.8	12.1	12.4	20.6	19.6	20.0	24.1	22.9	23.5
28	---	---	---	12.2	11.7	12.0	21.1	20.0	20.5	25.0	23.5	24.2
29	---	---	---	11.7	11.4	11.5	22.2	20.6	21.3	25.6	24.4	24.8
30	---	---	---	11.8	10.8	11.3	22.4	21.5	21.9	25.6	24.5	25.0
31	---	---	---	12.9	11.5	12.2	---	---	---	25.7	24.9	25.3
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	1	---	---	---	---	---	---	29.4	28.3	28.8	28.7	27.8
2	---	---	---	---	---	---	29.3	28.2	28.3	28.7	27.5	28.0
3	---	---	---	---	---	---	29.4	28.3	28.8	27.8	26.9	27.4
4	---	---	---	---	---	---	29.4	28.5	29.0	27.0	26.1	26.7
5	---	---	---	---	---	---	29.4	28.7	29.0	27.8	25.8	26.7
6	---	---	---	---	---	---	29.0	28.4	28.8	28.2	26.9	27.6
7	---	---	---	---	---	---	29.7	28.1	28.7	28.6	27.3	27.9
8	---	---	---	---	---	---	30.3	28.9	29.6	28.8	27.5	28.1
9	---	---	---	---	---	---	30.6	29.9	30.3	28.1	27.6	27.9
10	---	---	---	---	---	---	31.2	29.6	30.3	28.1	27.2	27.6
11	---	---	---	---	---	---	30.5	29.7	30.2	28.9	27.4	28.1
12	24.5	24.0	24.3	---	---	---	30.3	29.4	29.8	28.0	26.8	27.4
13	24.0	23.4	23.7	---	---	---	29.9	29.2	29.5	27.4	26.2	26.7
14	25.2	23.6	24.4	30.9	30.0	30.3	29.4	28.9	29.0	26.2	25.4	25.8
15	25.8	24.6	25.2	30.2	29.3	29.8	29.4	28.4	28.9	25.7	24.5	25.2
16	25.7	24.6	25.1	---	---	---	29.9	28.3	29.1	24.8	23.3	24.0
17	26.8	25.3	25.9	---	---	---	---	---	---	24.3	22.6	23.4
18	27.3	26.0	26.6	---	---	---	---	---	---	24.5	22.5	23.4
19	---	---	---	---	---	---	---	---	---	24.8	23.2	24.0
20	---	---	---	---	---	---	---	---	---	26.0	24.0	24.9
21	---	---	---	---	---	---	29.6	28.3	28.9	26.7	24.6	25.6
22	---	---	---	---	---	---	29.1	27.7	28.4	26.9	25.0	25.9
23	27.4	26.2	26.7	---	---	---	29.2	27.7	28.5	27.1	25.4	26.1
24	27.0	26.3	26.7	---	---	---	30.2	28.1	29.1	26.2	25.1	25.8
25	26.8	26.1	26.4	---	---	---	30.9	28.9	29.8	25.1	22.4	23.6
26	26.4	25.4	26.0	27.8	26.1	26.6	31.0	28.9	29.8	22.4	21.0	21.6
27	---	---	---	---	---	---	31.3	28.8	29.9	21.5	20.3	20.9
28	---	---	---	29.4	28.0	28.7	30.8	28.9	29.8	22.5	20.8	21.6
29	---	---	---	29.1	28.3	28.7	30.7	28.8	29.7	22.6	21.5	22.0
30	---	---	---	28.9	28.2	28.5	29.8	28.7	29.2	21.7	20.6	21.1
31	---	---	---	29.0	27.9	28.4	29.6	28.0	28.7	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	28.9	20.3	25.4

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

## OXYGEN DISSOLVED (MG/L), 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	8.1	7.5	7.7	8.7	8.5	8.6	---	---	---	12.8	12.4	12.6
2	7.6	7.5	7.5	8.6	8.5	8.6	---	---	---	12.8	12.7	12.7
3	7.7	7.6	7.6	8.5	8.3	8.4	---	---	---	12.9	12.6	12.8
4	7.7	7.5	7.6	8.3	8.1	8.2	---	---	---	12.9	12.7	12.9
5	7.5	7.4	7.5	8.1	7.9	8.0	11.2	11.1	11.2	12.7	12.5	12.6
6	7.7	7.4	7.5	8.7	7.9	8.3	11.2	10.8	11.0	12.5	12.3	12.4
7	7.6	7.2	7.4	8.8	8.6	8.7	10.9	10.6	10.8	12.3	11.8	12.1
8	8.1	7.4	7.8	8.7	8.5	8.6	10.6	10.5	10.6	11.8	11.3	11.6
9	8.6	8.1	8.4	8.5	8.2	8.3	10.6	10.3	10.4	11.6	11.0	11.3
10	9.0	8.6	8.9	8.5	8.2	8.3	10.4	10.3	10.3	12.3	11.6	12.0
11	9.1	8.9	9.0	9.1	8.2	8.8	10.6	10.3	10.4	12.4	12.3	12.3
12	---	---	---	9.4	9.1	9.2	10.6	10.3	10.4	12.4	12.0	12.1
13	---	---	---	9.5	9.2	9.3	10.6	10.3	10.4	12.1	12.0	12.0
14	---	---	---	9.3	9.2	9.3	10.8	10.6	10.7	12.1	11.8	12.0
15	---	---	---	9.4	9.2	9.3	10.9	10.8	10.8	11.8	11.2	11.5
16	---	---	---	9.8	9.4	9.6	10.9	10.7	10.8	11.4	11.2	11.4
17	---	---	---	9.8	9.5	9.7	10.7	10.5	10.6	11.4	11.2	11.3
18	---	---	---	10.0	9.5	9.7	11.2	10.6	10.9	11.4	11.2	11.3
19	---	---	---	10.1	10.0	10.0	11.3	11.2	11.2	11.2	10.9	11.0
20	---	---	---	---	---	---	11.7	11.2	11.4	10.9	9.9	10.4
21	---	---	---	---	---	---	11.9	11.7	11.8	10.9	10.3	10.6
22	---	---	---	---	---	---	11.8	11.7	11.7	11.4	10.9	11.1
23	---	---	---	---	---	---	12.3	11.8	12.0	11.6	11.2	11.5
24	---	---	---	---	---	---	12.4	12.2	12.3	11.2	11.1	11.1
25	8.9	8.8	8.8	---	---	---	12.5	12.3	12.4	11.5	11.1	11.3
26	8.8	8.7	8.7	---	---	---	12.4	12.3	12.4	11.7	11.5	11.6
27	8.8	8.6	8.7	---	---	---	12.4	12.1	12.2	11.6	11.4	11.5
28	8.8	8.6	8.6	---	---	---	12.1	11.8	11.9	11.4	11.2	11.3
29	8.8	8.7	8.7	---	---	---	11.8	11.4	11.6	11.4	10.6	11.2
30	8.8	8.6	8.7	---	---	---	11.6	11.5	11.5	11.3	10.5	10.9
31	8.8	8.6	8.7	---	---	---	12.4	11.6	11.9	10.5	10.3	10.4
MONTH	---	---	---	---	---	---	---	---	---	12.9	9.9	11.6

STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

## OXYGEN DISSOLVED (MG/L), 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	10.4	10.3	10.4	---	---	---	8.9	8.6	8.7	7.4	7.3	7.3
2	10.7	10.4	10.6	---	---	---	8.7	8.5	8.6	7.6	7.3	7.5
3	11.0	10.6	10.8	---	---	---	8.5	8.2	8.3	7.6	7.4	7.5
4	11.1	11.0	11.0	---	---	---	8.2	7.5	8.0	7.6	7.4	7.5
5	11.0	10.8	10.9	8.6	7.9	8.2	---	---	---	7.5	7.3	7.4
6	10.8	10.6	10.8	9.5	8.6	9.2	---	---	---	7.5	7.1	7.3
7	10.8	10.6	10.7	10.0	9.5	9.8	---	---	---	7.4	7.1	7.3
8	10.7	10.6	10.7	10.1	9.9	10.0	---	---	---	7.5	7.2	7.4
9	10.6	10.2	10.4	10.1	9.7	9.9	---	---	---	7.5	7.3	7.4
10	10.2	9.9	10.0	10.1	9.8	10.0	---	---	---	7.5	7.4	7.4
11	10.0	9.7	9.8	10.2	10.0	10.1	---	---	---	7.5	7.4	7.4
12	10.1	9.9	10.0	10.1	10.0	10.1	---	---	---	---	---	---
13	10.1	9.9	10.0	10.2	9.5	9.9	---	---	---	---	---	---
14	10.0	9.8	9.9	9.5	8.8	8.9	---	---	---	---	---	---
15	9.9	9.5	9.7	9.2	8.9	9.1	---	---	---	---	---	---
16	9.5	9.1	9.3	8.9	8.3	8.6	---	---	---	---	---	---
17	9.1	8.7	8.9	8.7	8.3	8.5	---	---	---	---	---	---
18	9.1	8.7	8.9	9.2	8.7	9.0	---	---	---	7.0	6.6	6.8
19	9.1	8.9	9.0	9.5	9.2	9.3	---	---	---	6.7	6.6	6.6
20	9.0	8.9	9.0	9.9	9.5	9.7	---	---	---	6.9	6.6	6.8
21	8.9	8.7	8.8	9.9	9.6	9.8	---	---	---	7.0	6.6	6.8
22	8.7	8.3	8.5	9.6	9.5	9.6	---	---	---	7.3	7.0	7.1
23	8.3	8.1	8.2	9.5	9.2	9.3	---	---	---	7.6	7.3	7.5
24	8.2	7.8	8.0	9.4	9.2	9.3	---	---	---	7.8	7.6	7.7
25	---	---	---	9.3	9.1	9.2	7.8	7.5	7.6	7.8	7.7	7.7
26	---	---	---	9.4	9.2	9.3	8.0	7.6	7.8	7.8	7.6	7.7
27	---	---	---	9.4	9.3	9.3	8.1	8.0	8.0	7.8	7.6	7.7
28	---	---	---	9.5	9.3	9.4	8.1	8.0	8.0	7.6	7.5	7.6
29	---	---	---	9.5	9.1	9.3	8.0	7.4	7.6	---	---	---
30	---	---	---	9.5	9.2	9.4	7.4	7.3	7.3	7.1	6.7	6.9
31	---	---	---	9.2	8.9	9.0	---	---	---	7.1	7.0	7.0
MONTH	---	---	---	---	---	---	---	---	---	---	---	---



STATION NUMBER 02213700 OCMULGEE RIVER NEAR WARNER ROBINS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324017 LONGITUDE 0833611 DRAINAGE AREA 2690.00 DATUM 250.00 STATE 13 COUNTY 021

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	6.4	5.9	6.0	7.3	6.6	6.9
2	---	---	---	---	---	---	6.6	6.4	6.5	7.2	6.5	6.8
3	---	---	---	---	---	---	6.6	6.5	6.6	7.1	6.8	6.9
4	---	---	---	---	---	---	6.6	6.4	6.5	7.0	6.5	6.8
5	---	---	---	---	---	---	6.6	6.4	6.5	6.8	6.4	6.6
6	---	---	---	---	---	---	6.7	6.5	6.6	6.7	6.4	6.6
7	---	---	---	---	---	---	6.7	6.5	6.6	6.6	6.3	6.4
8	---	---	---	---	---	---	6.8	6.6	6.7	6.6	6.3	6.5
9	---	---	---	---	---	---	6.7	6.4	6.6	6.6	6.4	6.5
10	---	---	---	---	---	---	6.4	6.3	6.4	6.7	6.4	6.6
11	---	---	---	---	---	---	6.8	6.4	6.6	6.7	6.3	6.6
12	6.6	6.1	6.3	---	---	---	6.8	6.4	6.6	6.4	6.1	6.3
13	6.6	6.1	6.4	---	---	---	7.9	6.5	6.7	6.5	6.4	6.4
14	6.2	6.1	6.1	6.8	6.4	6.6	7.0	6.8	6.9	6.7	6.4	6.6
15	6.6	6.1	6.2	7.1	6.8	7.0	7.0	6.8	6.9	7.0	6.7	6.9
16	6.2	5.9	6.1	---	---	---	7.0	6.8	6.9	7.2	7.0	7.2
17	6.4	5.8	6.1	---	---	---	---	---	---	7.3	7.2	7.3
18	6.8	6.3	6.5	---	---	---	---	---	---	7.6	7.3	7.4
19	---	---	---	---	---	---	---	---	---	7.4	7.2	7.3
20	---	---	---	---	---	---	---	---	---	7.2	7.0	7.1
21	---	---	---	---	---	---	6.8	6.4	6.6	7.1	6.9	7.0
22	---	---	---	---	---	---	6.8	6.5	6.7	7.1	6.9	7.0
23	6.7	6.0	6.3	---	---	---	6.9	6.6	6.7	8.1	6.8	7.1
24	6.9	6.7	6.8	---	---	---	6.9	6.6	6.7	7.6	6.6	7.4
25	7.3	6.9	7.1	---	---	---	6.7	6.4	6.6	7.1	5.2	6.7
26	7.3	7.0	7.2	6.8	6.2	6.5	6.8	6.3	6.5	7.9	6.8	7.5
27	---	---	---	---	---	---	6.8	6.3	6.5	8.3	7.9	8.1
28	---	---	---	6.5	6.1	6.3	7.0	6.3	6.6	---	---	---
29	---	---	---	6.6	6.5	6.6	7.1	6.4	6.7	---	---	---
30	---	---	---	6.6	6.3	6.5	7.0	6.4	6.7	---	---	---
31	---	---	---	6.3	6.0	6.2	7.3	6.5	6.9	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

**ALTAMAHA RIVER BASIN  
2001 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 Highway 23, 3.0 miles southeast of Bullard.

**DRAINAGE AREA.**—33.0 mi<sup>2</sup>.

**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 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:** 11.49 feet, March 13, 1980

**DISCHARGE:** 2,700 ft<sup>3</sup>/s, March 13, 1980

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 8.79 feet, March 4

**DISCHARGE:** 572 ft<sup>3</sup>/s, March 4

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02214820 MOSSY CREEK AT US 41, NEAR PERRY, GA**

**LOCATION.**--Lat 32°31'15", long 83°43'23", Houston County, Hydrologic Unit 03070104, at US Highway 41, 4.5 miles north of Perry.

**DRAINAGE AREA.**—92.9 mi<sup>2</sup>.

**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 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:** 19.86 feet, July 6, 1994

**DISCHARGE:** 24,000 ft<sup>3</sup>/s, July 6, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.01 feet, March 4

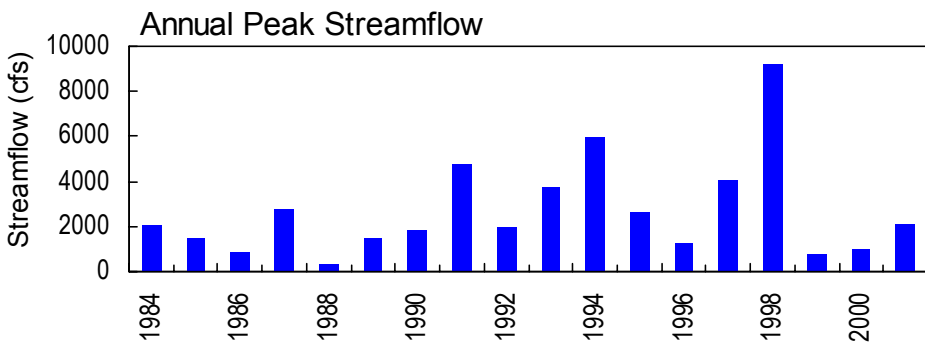
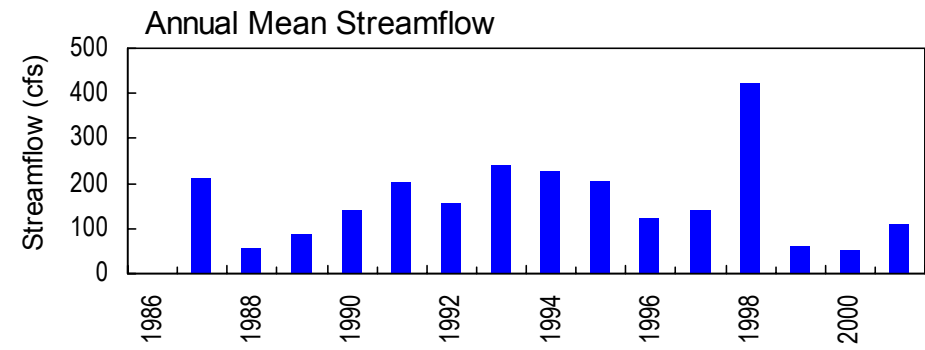
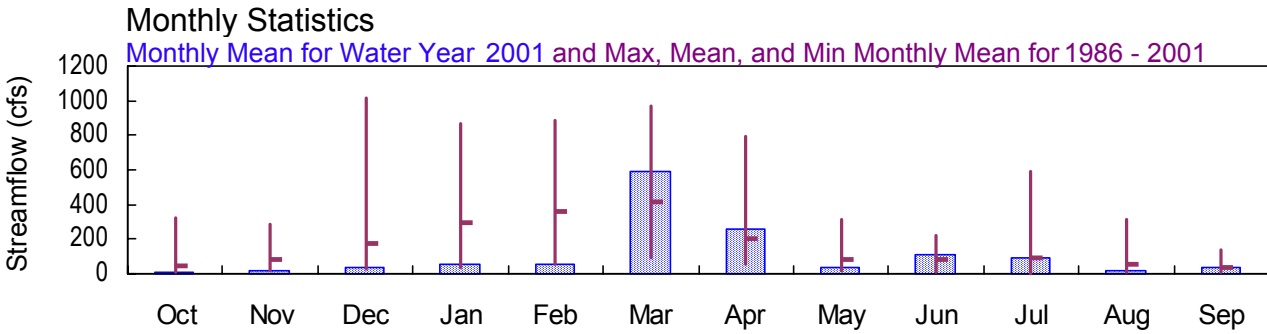
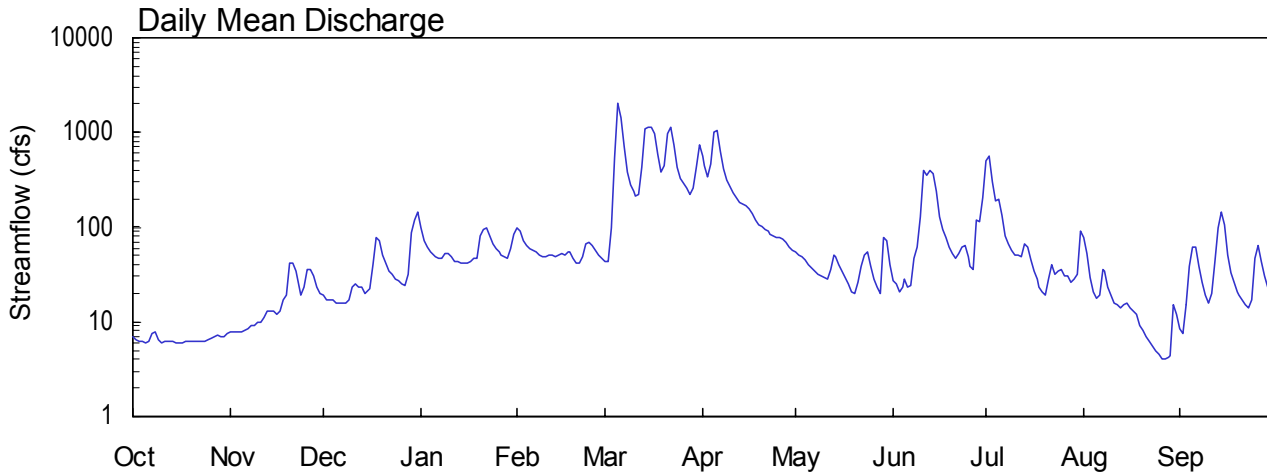
**DISCHARGE:** 374 ft<sup>3</sup>/s, March 4

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 210.5 feet Period of Record: 1986 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA**

**LOCATION.**—Lat 32°14'22", long 83°30'06", Pulaski County, Hydrologic Unit 03070104, on left bank 90 feet upstream from GA Highways 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<sup>2</sup>.

**COOPERATION.**—Georgia Geologic Survey.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--Water years 1984-86 (annual maximum), April 1986 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 210.49 feet above sea level (from Georgia Department of Transportation). From December 6, 1984 to April 1, 1986, a crest-stage gage was located at a site 100 feet downstream at datum 3.00 feet higher.

**REMARKS.**--Records good.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 1,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 5	1545	2,160*	10.97*
Mar. 14	1400	1,210	8.95
Mar. 21	2400	1,220	8.96
Apr. 5	2400	1,240	9.03

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- Water years 1984-86 (annual maximum), April 1986 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 210.49 feet above sea level (from Georgia Department of Transportation). From December 6, 1984 to April 1, 1986, a crest-stage gage was located at a site 100 feet downstream at datum 3.00 feet higher.

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 10.97 feet, March 5; minimum gage-height recorded, 1.04 feet, August 25-26.

STATION NUMBER 02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321422 LONGITUDE 0833006 DRAINAGE AREA 163 DATUM 210.49 STATE 13 COUNTY 235

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	6.9	7.9	19	100	98	44	567	54	27	498	77	8.4
2	6.5	7.9	17	72	89	44	439	51	25	564	52	7.5
3	6.2	7.8	17	61	72	97	344	49	21	303	29	15
4	6.1	7.9	17	54	64	551	459	45	23	192	21	38
5	5.9	7.9	16	50	60	2030	1020	40	28	197	18	62
6	6.2	8.3	16	48	56	1440	1070	37	23	133	19	61
7	7.5	8.4	16	46	54	705	632	34	24	82	36	39
8	7.7	9.0	16	46	51	380	409	32	46	67	34	26
9	6.5	9.1	17	52	48	276	319	31	61	57	23	19
10	6.0	9.8	23	53	48	236	268	29	127	50	19	16
11	6.2	10	25	48	51	215	235	28	394	50	16	20
12	6.2	11	23	44	51	219	205	36	355	49	15	43
13	6.2	13	23	43	49	427	185	50	396	66	14	100
14	6.1	13	20	42	50	1110	173	49	367	62	15	142
15	6.0	13	21	41	52	1130	167	40	242	45	16	105
16	6.0	12	22	41	50	1130	159	35	127	35	14	51
17	6.0	13	40	43	55	959	138	29	94	28	13	33
18	6.1	17	78	46	55	592	121	25	79	23	12	26
19	6.1	19	72	47	47	379	107	21	62	21	9.0	21
20	6.2	42	51	81	42	450	101	20	52	19	8.1	19
21	6.3	41	41	94	41	964	95	26	46	28	7.0	17
22	6.2	34	35	97	48	1150	89	38	52	40	6.1	15
23	6.2	23	32	80	66	743	84	50	61	32	5.5	14
24	6.3	19	28	66	69	437	80	55	63	34	5.0	17
25	6.4	23	27	59	63	333	78	38	49	36	4.5	47
26	6.8	36	25	54	56	288	78	28	38	30	4.1	64
27	7.0	36	24	51	51	258	75	23	36	31	4.1	44
28	7.3	30	32	49	47	224	69	20	119	26	4.2	30
29	7.0	23	87	47	---	259	62	78	113	28	4.3	23
30	7.1	20	119	59	---	426	58	72	206	32	15	19
31	7.5	---	146	83	---	742	---	40	---	90	12	---
TOTAL	200.7	532.0	1145	1797	1583	18238	7886	1203	3356	2948	531.9	1141.9
MEAN	6.47	17.7	36.9	58.0	56.5	588	263	38.8	112	95.1	17.2	38.1
MAX	7.7	42	146	100	98	2030	1070	78	396	564	77	142
MIN	5.9	7.8	16	41	41	44	58	20	21	19	4.1	7.5
CFSM	.04	.11	.23	.36	.35	3.61	1.61	.24	.69	.58	.11	.23
IN.	.05	.12	.26	.41	.36	4.16	1.80	.27	.77	.67	.12	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2001, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	50.1	84.2	177	297	363	411	199	83.5	81.4	96.4	57.5	38.0				
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	5.24	6.91				
(WY)	2001	2001	1988	1989	1989	1999	1986	2000	2000	1986	2000	1990				

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1986 - 2001

ANNUAL TOTAL	18011.1	40562.5														
ANNUAL MEAN	49.2	111								163						
HIGHEST ANNUAL MEAN										421						1998
LOWEST ANNUAL MEAN										53.2						2000
HIGHEST DAILY MEAN	961	Apr 1					2030	Mar 5		8230						Mar 9 1998
LOWEST DAILY MEAN	3.3	Aug 19					4.1	Aug 26		1.1						Jul 23 1986
ANNUAL SEVEN-DAY MINIMUM	3.7	Aug 15					4.5	Aug 23		1.4						Jul 20 1986
MAXIMUM PEAK FLOW							2160	Mar 5		9240						Mar 9 1998
MAXIMUM PEAK STAGE							10.97	Mar 5		17.56						Mar 9 1998
INSTANTANEOUS LOW FLOW										1.1						Jul 23 1986
ANNUAL RUNOFF (CFSM)	.30						.68			1.00						
ANNUAL RUNOFF (INCHES)	4.11						9.26			13.58						
10 PERCENT EXCEEDS	117						294			378						
50 PERCENT EXCEEDS	16						42			56						
90 PERCENT EXCEEDS	5.0						7.2			11						

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/02/2002 AT: 09:55:31

STATION NUMBER 02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321422 LONGITUDE 0833006 DRAINAGE AREA 163 DATUM 210.49 STATE 13 COUNTY 235

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	1.28	1.32	1.58	2.42	2.41	1.91	6.52	1.92	1.64	6.06	2.15	1.28
2	1.26	1.32	1.56	2.17	2.32	1.91	5.74	1.89	1.60	6.51	1.91	1.25
3	1.25	1.31	1.55	2.06	2.16	2.39	4.94	1.87	1.56	4.48	1.66	1.40
4	1.24	1.31	1.54	2.00	2.09	5.98	5.84	1.84	1.59	3.27	1.56	1.76
5	1.24	1.32	1.53	1.96	2.05	10.74	8.34	1.79	1.65	3.33	1.50	2.00
6	1.25	1.33	1.53	1.95	2.02	9.46	8.53	1.76	1.59	2.67	1.52	1.98
7	1.30	1.33	1.53	1.93	2.00	7.15	6.83	1.73	1.59	2.19	1.75	1.77
8	1.31	1.35	1.53	1.93	1.97	5.25	5.49	1.70	1.85	2.04	1.72	1.63
9	1.26	1.36	1.54	1.98	1.94	4.25	4.70	1.69	1.99	1.95	1.59	1.52
10	1.24	1.38	1.64	1.99	1.95	3.79	4.17	1.67	2.64	1.88	1.52	1.46
11	1.25	1.39	1.69	1.94	1.97	3.54	3.77	1.66	5.35	1.88	1.47	1.51
12	1.25	1.41	1.65	1.90	1.97	3.59	3.43	1.75	5.04	1.88	1.45	1.82
13	1.25	1.47	1.65	1.90	1.95	5.56	3.20	1.88	5.38	2.04	1.44	2.35
14	1.24	1.46	1.59	1.89	1.96	8.63	3.06	1.87	5.15	2.00	1.45	2.75
15	1.24	1.47	1.62	1.88	1.98	8.71	3.00	1.79	3.85	1.84	1.46	2.41
16	1.24	1.44	1.64	1.88	1.96	8.71	2.92	1.74	2.61	1.73	1.43	1.89
17	1.24	1.47	1.85	1.90	2.01	8.17	2.72	1.66	2.30	1.65	1.42	1.71
18	1.24	1.54	2.22	1.93	2.01	6.63	2.56	1.61	2.16	1.59	1.38	1.62
19	1.24	1.59	2.16	1.94	1.94	5.24	2.42	1.55	1.99	1.55	1.30	1.55
20	1.25	1.89	1.97	2.25	1.89	5.72	2.36	1.53	1.90	1.52	1.27	1.52
21	1.26	1.87	1.87	2.37	1.88	8.13	2.31	1.63	1.85	1.64	1.23	1.48
22	1.25	1.79	1.81	2.40	1.94	8.78	2.25	1.77	1.90	1.79	1.19	1.45
23	1.25	1.66	1.77	2.24	2.10	7.33	2.21	1.88	1.99	1.70	1.16	1.43
24	1.25	1.59	1.73	2.11	2.14	5.71	2.17	1.93	2.00	1.72	1.14	1.48
25	1.26	1.65	1.70	2.05	2.08	4.84	2.14	1.76	1.87	1.75	1.11	1.85
26	1.27	1.82	1.68	2.00	2.02	4.39	2.15	1.65	1.77	1.68	1.09	2.01
27	1.28	1.82	1.67	1.97	1.97	4.05	2.12	1.58	1.75	1.69	1.09	1.83
28	1.29	1.74	1.76	1.95	1.94	3.64	2.06	1.54	2.54	1.62	1.09	1.67
29	1.28	1.66	2.30	1.93	---	4.04	2.00	2.15	2.48	1.65	1.10	1.58
30	1.29	1.61	2.59	2.04	---	5.58	1.95	2.10	3.44	1.68	1.44	1.52
31	1.30	---	2.84	2.26	---	7.36	---	1.79	---	2.26	1.39	---
MEAN	1.26	1.52	1.78	2.04	2.02	5.84	3.73	1.76	2.50	2.30	1.42	1.72
MAX	1.31	1.89	2.84	2.42	2.41	10.74	8.53	2.15	5.38	6.51	2.15	2.75
MIN	1.24	1.31	1.53	1.88	1.88	1.91	1.95	1.53	1.56	1.52	1.09	1.25

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02215245 FOLSOM CREEK TRIBUTARY NEAR ROCHELLE, GA**

**LOCATION.**--Lat 32°00'15", long 83°25'58", Wilcox County, Hydrologic Unit 03070104, at culvert on GA Highway 233, 4.0 miles north of Rochelle.

**DRAINAGE AREA.**—1.44 mi<sup>2</sup>.

**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 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:** 7.16 feet, August 11, 1970

**DISCHARGE:** 434 ft<sup>3</sup>/s, August 11, 1970

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 2.70 feet, March 4

**DISCHARGE:** 91.9 ft<sup>3</sup>/s, March 4

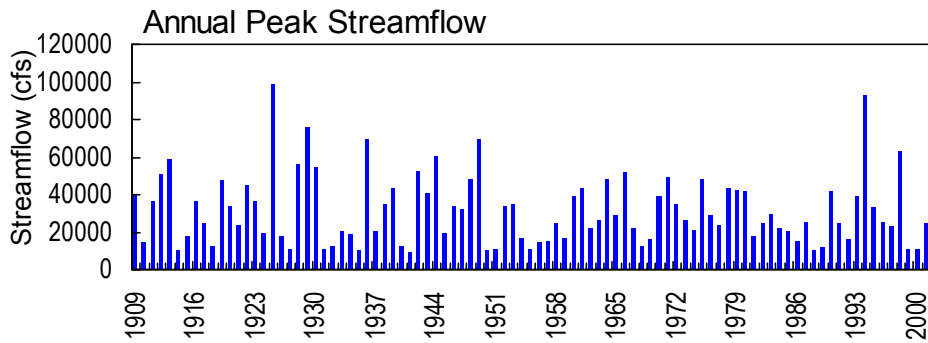
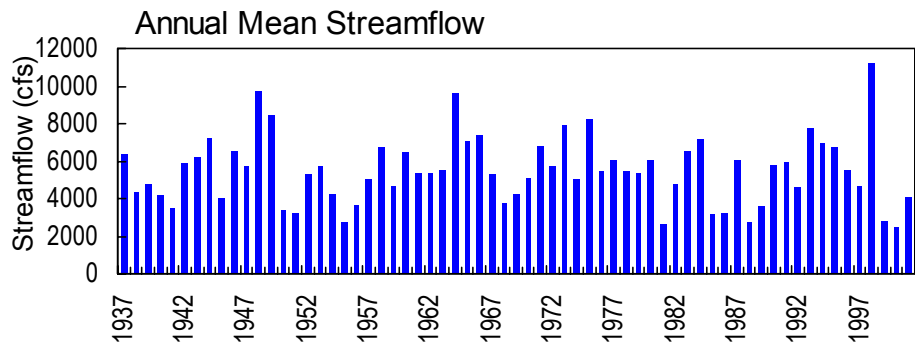
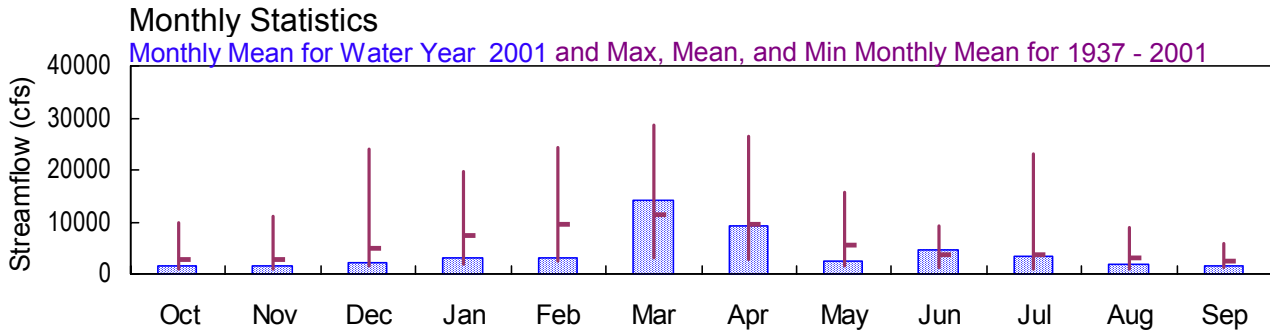
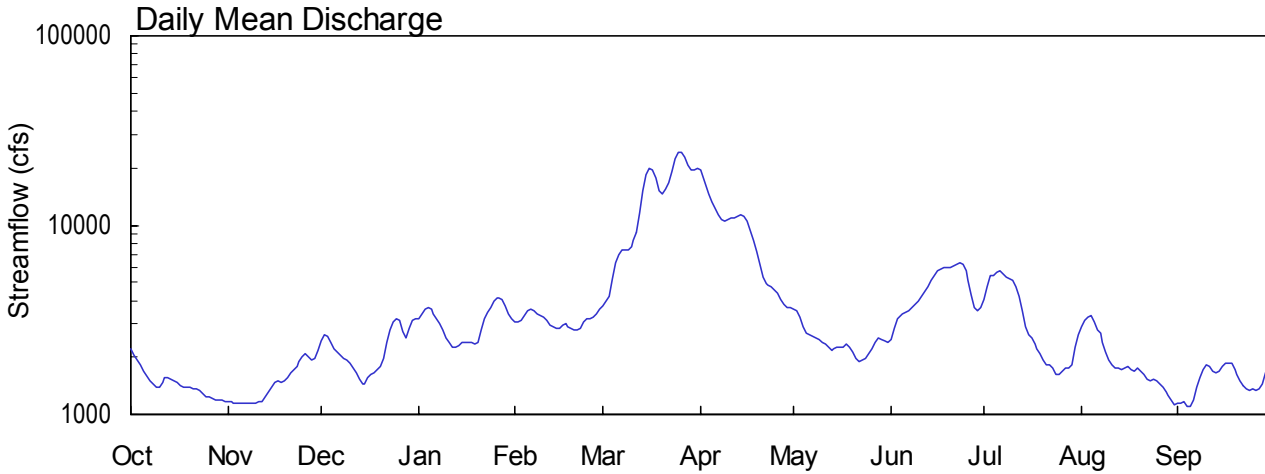


# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02215500 OCMULGEE RIVER AT LUMBER CITY, GA

Latitude: 31° 55' 06" Longitude: 82° 40' 26" Hydrologic Unit Code: 03070104 Telfair County  
 Drainage Area: 5180 mi<sup>2</sup> Datum: 87.48 feet Period of Record: 1937 - 2001



USGS  
 02215500 - Ocmulgee River at Lumber City, GA

**ALTAMAHA RIVER BASIN**  
**2001 Water Year**

**02215500 OCMULGEE RIVER AT LUMBER CITY, GA**

**LOCATION.**--Lat 31°55'06", long 82°40'26", Telfair-Jeff Davis County line, Hydrologic Unit 03070104, near left bank on downstream end of pier of bridge on U.S. Highway 341 at Lumber City, 500 feet downstream from Southern Railway bridge, 1 mile upstream from Little Ocmulgee River, and 12 miles upstream from confluence with Oconee River.

**DRAINAGE AREA.**--5,180 mi<sup>2</sup>, 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.**—Phone telemetry with a water-stage recorder. Datum of gage is 87.48 feet above sea level. Prior to November 8, 1937, a non-recording gage was located at same site and datum.

**REMARKS.**--Records good. Flow regulated by Lloyds Shoals.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum discharge known since at least 1841, 98,400 ft<sup>3</sup>/s, January 21, 1925, from rating extended above 86,000 ft<sup>3</sup>/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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 16	1030	20,300	13.63
Mar. 25	2315	24,800*	14.83*

No other peaks greater than base discharge

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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.**—Phone telemetry with a water-stage recorder. Datum of gage is 87.48 feet above sea level. 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, 14.83 feet, March 25; minimum gage-height recorded, 0.01 feet, November 9.

STATION NUMBER 02215500 OCMULGEE RIVER AT LUMBER CITY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 315506 LONGITUDE 0824026 DRAINAGE AREA 5180 DATUM 87.48 STATE 13 COUNTY 271

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	2230	1160	2440	3190	3110	3780	19600	3620	2480	4030	2940	1140
2	2060	1160	2630	3380	3090	3940	18300	3520	2840	4760	3130	1150
3	1940	1150	2580	3620	3170	4180	16500	3270	3180	5380	3300	1160
4	1830	1150	2380	3700	3360	5220	14700	2930	3320	5410	3350	1110
5	1700	1150	2220	3610	3530	6330	13300	2710	3380	5600	3100	1100
6	1580	1140	2120	3430	3580	6980	12300	2640	3450	5800	2810	1200
7	1500	1140	2050	3220	3510	7340	11300	2590	3540	5530	2690	1380
8	1440	1140	1990	3020	3400	7360	10700	2530	3650	5340	2420	1550
9	1400	1140	1950	2780	3350	7420	10500	2470	3830	5260	2130	1720
10	1400	1150	1870	2560	3300	7730	10700	2410	3990	5090	1950	1810
11	1480	1160	1760	2380	3150	8270	10900	2340	4190	4760	1810	1780
12	1560	1170	1660	2260	2980	9150	11000	2250	4460	4250	1760	1700
13	1560	1230	1540	2240	2890	11500	11200	2190	4770	3510	1740	1660
14	1520	1300	1450	2320	2850	15100	11300	2200	5110	2940	1720	1680
15	1490	1400	1450	2420	2870	18500	11100	2240	5430	2640	1770	1780
16	1470	1470	1550	2420	2960	20100	10400	2270	5700	2520	1780	1860
17	1430	1500	1610	2420	3000	19600	9290	2280	5880	2370	1720	1880
18	1390	1470	1650	2420	2930	17600	8240	2350	5950	2200	1700	1850
19	1400	1490	1720	2350	2860	15300	7260	2280	5980	2100	1740	1730
20	1380	1570	1780	2410	2800	14600	6160	2120	6010	1940	1690	1610
21	1360	1650	1960	2820	2780	15600	5310	1990	6080	1820	1620	1500
22	1360	1710	2390	3210	2870	16700	4950	1910	6230	1810	1540	1420
23	1330	1790	2810	3450	3080	19100	4820	1930	6350	1770	1500	1370
24	1280	1900	3070	3710	3190	22200	4740	1970	6230	1630	1520	1350
25	1250	2020	3220	3980	3210	24400	4580	2090	5770	1610	1500	1360
26	1230	2080	3130	4100	3260	24400	4350	2210	5140	1680	1450	1350
27	1210	2030	2770	4130	3420	22900	4030	2410	4260	1740	1390	1370
28	1200	1950	2530	4050	3610	20900	3790	2530	3690	1740	1320	1460
29	1190	1990	2830	3770	---	19600	3700	2500	3560	1810	1260	1670
30	1180	2170	3170	3420	---	19700	3660	2440	3650	2250	1180	1850
31	1160	---	3180	3200	---	20000	---	2400	---	2650	1130	---
TOTAL	45510	44530	69460	95990	88110	435500	278680	75590	138100	101940	60660	45550
MEAN	1468	1484	2241	3096	3147	14050	9289	2438	4603	3288	1957	1518
MAX	2230	2170	3220	4130	3610	24400	19600	3620	6350	5800	3350	1880
MIN	1160	1140	1450	2240	2780	3780	3660	1910	2480	1610	1130	1100
CFSM	.28	.29	.43	.60	.61	2.71	1.79	.47	.89	.63	.38	.29
IN.	.33	.32	.50	.69	.63	3.13	2.00	.54	.99	.73	.44	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

MEAN	2648	2768	4785	7267	9431	11450	9553	5430	3697	3606	3184	2471
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1937 - 2001

ANNUAL TOTAL		901394		1479620								
ANNUAL MEAN		2463		4054						5504		
HIGHEST ANNUAL MEAN										11250		1998
LOWEST ANNUAL MEAN										2498		2000
HIGHEST DAILY MEAN			10800	Apr 2		24400	Mar 25			90700	Jul 15	1994
LOWEST DAILY MEAN			905	Aug 30		1100	Sep 5			808	Oct 30	1954
ANNUAL SEVEN-DAY MINIMUM			930	Aug 25		1140	Aug 30			813	Oct 28	1954
MAXIMUM PEAK FLOW						24800	Mar 25			92900	Jul 15	1994
MAXIMUM PEAK STAGE						14.83	Mar 25			24.59	Jul 15	1994
INSTANTANEOUS LOW FLOW										800	Oct 30	1954
ANNUAL RUNOFF (CFSM)			.48			.78				1.06		
ANNUAL RUNOFF (INCHES)			6.47			10.63				14.44		
10 PERCENT EXCEEDS			5030			9210				11600		
50 PERCENT EXCEEDS			1770			2520				3580		
90 PERCENT EXCEEDS			1100			1360				1660		

STATISTICS COMPUTED BY: jjgraham

DATE: 02/15/2002 AT: 15:10:36

STATION NUMBER 02215500 OCMULGEE RIVER AT LUMBER CITY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 315506 LONGITUDE 0824026 DRAINAGE AREA 5180 DATUM 87.48 STATE 13 COUNTY 271

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	2.38	.06	2.53	3.67	3.56	4.43	13.42	4.23	2.69	4.75	3.33	.64
2	2.04	.05	2.88	3.92	3.53	4.64	13.07	4.11	3.20	5.64	3.59	.66
3	1.78	.04	2.79	4.22	3.64	4.94	12.60	3.78	3.66	6.37	3.81	.67
4	1.54	.04	2.45	4.33	3.90	6.19	12.11	3.32	3.84	6.41	3.87	.59
5	1.26	.04	2.17	4.22	4.12	7.45	11.67	3.02	3.91	6.63	3.55	.57
6	1.00	.03	2.02	3.98	4.18	8.12	11.28	2.93	4.01	6.86	3.16	.70
7	.82	.03	1.92	3.72	4.09	8.48	10.92	2.85	4.13	6.56	2.99	.94
8	.68	.02	1.84	3.45	3.95	8.50	10.66	2.77	4.27	6.33	2.62	1.16
9	.58	.03	1.79	3.12	3.88	8.55	10.58	2.69	4.50	6.23	2.20	1.40
10	.57	.05	1.69	2.81	3.81	8.82	10.64	2.61	4.70	6.04	1.92	1.48
11	.74	.05	1.54	2.56	3.61	9.26	10.74	2.50	4.95	5.64	1.71	1.39
12	.88	.08	1.40	2.39	3.39	9.85	10.83	2.37	5.28	5.02	1.63	1.25
13	.86	.17	1.24	2.35	3.26	10.95	10.93	2.28	5.66	4.08	1.61	1.18
14	.78	.30	1.13	2.47	3.22	12.22	10.97	2.29	6.06	3.33	1.58	1.21
15	.71	.46	1.15	2.62	3.24	13.15	10.87	2.35	6.43	2.92	1.65	1.41
16	.65	.61	1.31	2.62	3.36	13.58	10.54	2.39	6.75	2.76	1.67	1.55
17	.54	.66	1.40	2.62	3.41	13.43	9.95	2.42	6.95	2.55	1.57	1.58
18	.45	.62	1.47	2.61	3.32	12.90	9.23	2.51	7.03	2.30	1.54	1.52
19	.46	.66	1.57	2.51	3.22	12.26	8.39	2.42	7.06	2.14	1.61	1.31
20	.43	.82	1.67	2.60	3.15	12.05	7.26	2.18	7.10	1.92	1.52	1.07
21	.39	.99	1.94	3.17	3.12	12.34	6.29	1.98	7.17	1.73	1.41	.87
22	.39	1.10	2.57	3.70	3.24	12.64	5.87	1.87	7.33	1.72	1.29	.72
23	.34	1.27	3.16	4.00	3.52	13.28	5.72	1.89	7.47	1.65	1.23	.62
24	.26	1.48	3.51	4.35	3.67	14.16	5.62	1.96	7.34	1.44	1.26	.59
25	.21	1.74	3.71	4.68	3.70	14.71	5.43	2.13	6.82	1.39	1.23	.61
26	.17	1.84	3.59	4.84	3.76	14.73	5.14	2.32	6.10	1.51	1.14	.59
27	.15	1.75	3.10	4.87	3.97	14.34	4.75	2.60	5.04	1.60	1.05	.61
28	.13	1.59	2.76	4.78	4.21	13.80	4.44	2.77	4.32	1.60	.94	.79
29	.11	1.67	3.18	4.42	---	13.43	4.33	2.72	4.15	1.72	.83	1.19
30	.09	2.02	3.65	3.97	---	13.46	4.29	2.64	4.27	2.37	.71	1.53
31	.07	---	3.66	3.68	---	13.54	---	2.59	---	2.94	.62	---
MEAN	.69	.68	2.28	3.52	3.61	10.97	8.95	2.63	5.41	3.68	1.90	1.01
MAX	2.38	2.02	3.71	4.87	4.21	14.73	13.42	4.23	7.47	6.86	3.87	1.58
MIN	.07	.02	1.13	2.35	3.12	4.43	4.29	1.87	2.69	1.39	.62	.57

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02215800 GUM SWAMP CREEK AT GA 165, NEAR CHAUNCEY, GA**

**LOCATION.**--Lat 32°07'28", long 83°03'37", Dodge County, Hydrologic Unit 03070105, at bridge on GA Highway 165, 0.6 miles north of Chauncey.

**DRAINAGE AREA.**—221 mi<sup>2</sup>.

**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 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:** 9.91 feet, March 6, 1991

**DISCHARGE:** 4,940 ft<sup>3</sup>/s, March 6, 1991

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.51 feet, March 4

**DISCHARGE:** 901 ft<sup>3</sup>/s, March 4

**ALTAMAHA RIVER BASIN  
2001 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<sup>2</sup>.

**COOPERATION.**—City of Helena.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**—February 1984 to current year.

**GAGE.**--Standard USGS reference point.

**RATING.**--Rating Number 6, effective October 1994 to September 30, 2000.

**REMARKS.**--Records good. Measurements for 2001 water year are as follows:

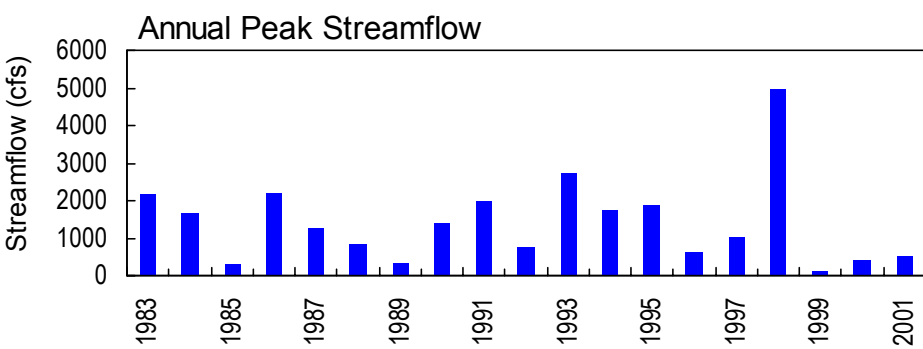
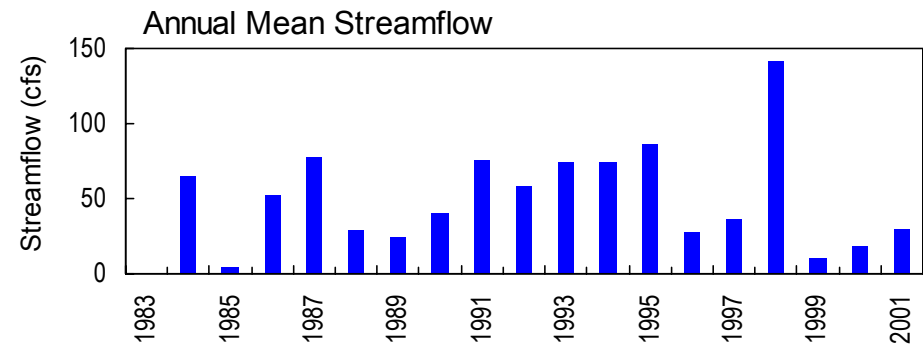
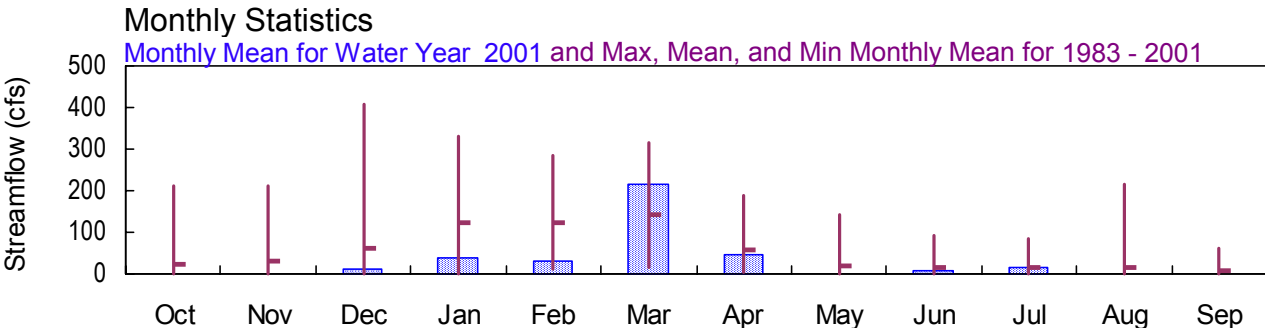
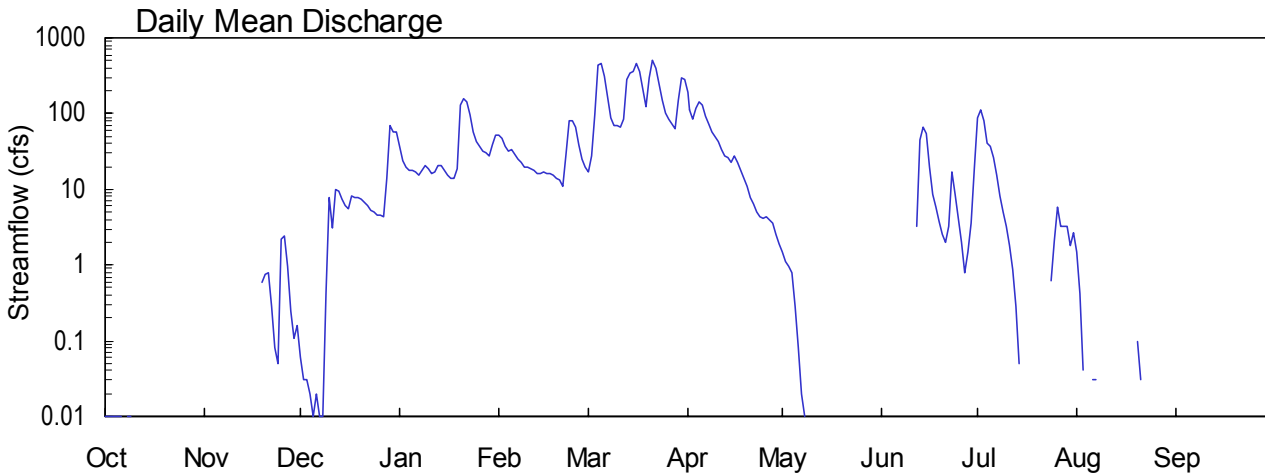
<b><u>DATE</u></b>	<b><u>GAGE-HEIGHT (feet)</u></b>	<b><u>DISCHARGE (ft<sup>3</sup>/s)</u></b>
10/20/00	0.92	0.76
05/14/01	1.63	8.70
07/20/01	2.05	22.3
09/25/01	1.17	1.61

# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02216180 TURNPIKE CREEK NEAR MCRAE, GA

Latitude: 31° 59' 29" Longitude: 82° 55' 19" Hydrologic Unit Code: 03070105 Telfair County  
 Drainage Area: 49.2 mi<sup>2</sup> Datum: 173.2 feet Period of Record: 1983 - 2001





**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02216180 TURNPIKE CREEK NEAR MCRAE, GA**

**LOCATION.**--Lat 31°59'29", long 82°55'19", Telfair County, Hydrologic Unit 03070105, on downstream side of bridge pier on U.S. Highways 319 and 441, 4.8 miles south of McRae and 13.8 miles upstream from mouth.

**DRAINAGE AREA.**--49.2 mi<sup>2</sup>.

**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 sea level (levels by Georgia Department of Transportation).

**REMARKS.**--Records good, except those less than 1.0 ft<sup>3</sup>/s, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 600 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	1515	514*	7.70*

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- January 1983 to current year.

**GAGE.**-- Water-stage recorder. Datum of gage is 173.17 feet above sea level (levels by Georgia Department of Transportation).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**— Maximum gage-height recorded, 7.70 feet, March 4; minimum gage-height recorded, 1.17 feet, November 16-19.

STATION NUMBER 02216180 TURNPIKE CREEK NEAR MCRAE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 315929 LONGITUDE 0825519 DRAINAGE AREA 49.23 DATUM 173.17 STATE 13 COUNTY 271

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	.00	.00	.06	37	52	17	194	1.5	.00	90	1.5	.00
2	.00	.00	.03	24	47	28	112	1.1	.00	112	.43	.00
3	.00	.00	.03	20	37	95	82	.95	.00	79	.04	.00
4	.00	.00	.02	18	32	432	116	.78	.00	41	.00	.00
5	.00	.00	.01	18	33	459	141	.29	.00	36	.00	.00
6	.00	.00	.02	17	29	305	127	.08	.00	26	.03	.00
7	.00	.00	.01	15	25	162	91	.02	.00	15	.03	.00
8	.01	.00	.01	18	23	88	71	.01	.00	8.3	.00	.00
9	.01	.00	.42	21	20	68	58	.00	.00	4.9	.00	.00
10	.00	.00	7.6	19	20	70	50	.00	.00	3.3	.00	.00
11	.00	.00	3.1	16	19	67	43	.00	.00	1.8	.00	.00
12	.00	.00	9.8	17	18	82	34	.00	3.3	.87	.00	.00
13	.00	.00	9.5	21	16	285	27	.00	45	.28	.00	.00
14	.00	.00	7.3	21	16	337	26	.00	67	.05	.00	.00
15	.00	.00	6.0	18	17	368	23	.00	53	.00	.00	.00
16	.00	.00	5.6	15	16	450	27	.00	20	.00	.00	.00
17	.00	.00	8.0	14	16	352	23	.00	8.5	.00	.00	.00
18	.00	.00	7.8	14	15	216	18	.00	5.7	.00	.00	.00
19	.00	.60	7.7	19	14	124	14	.00	3.7	.00	.00	.00
20	.00	.77	7.5	131	13	304	11	.00	2.5	.00	.10	.00
21	.00	.79	6.7	158	11	499	7.7	.00	2.0	.00	.03	.00
22	.00	.28	6.0	146	29	389	6.3	.00	3.3	.00	.00	.00
23	.00	.08	5.2	95	81	246	5.1	.00	17	.00	.00	.00
24	.00	.05	4.9	56	80	148	4.3	.00	8.7	.62	.00	.00
25	.00	2.2	4.6	43	67	100	4.1	.00	4.1	2.1	.00	.00
26	.00	2.4	4.5	36	38	84	4.4	.00	2.0	5.8	.00	.00
27	.00	.98	4.3	32	25	73	3.9	.00	.81	3.2	.00	.00
28	.00	.25	14	30	20	64	3.5	.00	1.5	3.2	.00	.00
29	.00	.11	68	28	---	147	2.6	.00	3.5	3.3	.00	.00
30	.00	.16	58	38	---	296	1.9	.00	19	1.8	.00	.00
31	.00	---	57	52	---	277	---	.00	---	2.7	.00	---
TOTAL	0.02	8.67	313.71	1207	829	6632	1331.8	4.73	270.61	441.22	2.16	0.00
MEAN	.001	.29	10.1	38.9	29.6	214	44.4	.15	9.02	14.2	.070	.000
MAX	.01	2.4	68	158	81	499	194	1.5	67	112	1.5	.00
MIN	.00	.00	.01	14	11	17	1.9	.00	.00	.00	.00	.00
CFSM	.00	.01	.21	.79	.60	4.35	.90	.00	.18	.29	.00	.00
IN.	.00	.01	.24	.91	.63	5.01	1.01	.00	.20	.33	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2001, BY WATER YEAR (WY)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	23.0	31.7	63.2	122	123	143	57.0	19.6	15.8	14.7	17.1	7.51							
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	.000	.000	.000	.000	10.2	16.1	3.88	.000	.000	.000	.000	.000							
(WY)	1984	1985	1985	1985	1985	1985	1999	1986	1985	1986	1986	1984							

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1983 - 2001

ANNUAL TOTAL	6913.90	11040.92	
ANNUAL MEAN	18.9	30.2	51.5
HIGHEST ANNUAL MEAN			142
LOWEST ANNUAL MEAN			4.71
HIGHEST DAILY MEAN	402	Mar 31	499
LOWEST DAILY MEAN	.00	May 12	.00
ANNUAL SEVEN-DAY MINIMUM	.00	May 12	.00
MAXIMUM PEAK FLOW			514
MAXIMUM PEAK STAGE			7.70
ANNUAL RUNOFF (CFSM)	.38		.61
ANNUAL RUNOFF (INCHES)	5.22		8.34
10 PERCENT EXCEEDS	57		82
50 PERCENT EXCEEDS	.01		1.1
90 PERCENT EXCEEDS	.00		.00

STATISTICS COMPUTED BY: rnichols

DATE: 02/25/2002 AT: 12:59:08

STATION NUMBER 02216180 TURNPIKE CREEK NEAR MCRAE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 315929 LONGITUDE 0825519 DRAINAGE AREA 49.23 DATUM 173.17 STATE 13 COUNTY 271

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	1.90	1.23	2.04	4.17	4.61	3.45	6.36	2.30	1.59	5.03	2.29	1.64
2	1.86	1.22	2.01	3.72	4.48	3.85	5.70	2.22	1.58	5.66	2.13	1.65
3	1.83	1.22	2.02	3.54	4.19	5.29	5.30	2.21	1.54	5.24	2.02	1.72
4	1.80	1.21	2.00	3.47	4.03	7.42	5.74	2.18	1.50	4.29	1.96	1.73
5	1.77	1.21	1.99	3.47	4.05	7.54	5.98	2.11	1.45	4.16	1.94	1.72
6	1.75	1.21	1.99	3.42	3.93	6.96	5.85	2.05	1.46	3.81	2.00	1.71
7	1.84	1.21	1.99	3.35	3.77	6.13	5.46	2.00	1.68	3.32	2.01	1.68
8	1.95	1.21	1.97	3.45	3.70	5.40	5.10	1.97	1.70	2.94	1.94	1.64
9	1.96	1.21	2.08	3.60	3.56	5.01	4.78	1.94	1.74	2.68	1.89	1.61
10	1.91	1.20	2.89	3.52	3.55	5.08	4.55	1.91	1.77	2.53	1.86	1.59
11	1.87	1.20	2.51	3.40	3.53	5.00	4.37	1.88	1.83	2.34	1.85	1.56
12	1.83	1.19	3.02	3.44	3.46	5.19	4.10	1.87	2.36	2.20	1.83	1.63
13	---	1.19	3.02	3.61	3.40	6.87	3.84	1.86	4.40	2.11	1.82	1.70
14	---	1.18	2.87	3.59	3.38	7.12	3.79	1.83	5.00	2.03	1.84	1.70
15	---	1.18	2.78	3.47	3.41	7.23	3.71	1.80	4.63	1.95	1.92	1.67
16	---	1.17	2.75	3.36	3.40	7.51	3.86	1.78	3.55	1.91	1.90	1.65
17	---	1.17	2.92	3.30	3.40	7.16	3.70	1.75	2.95	1.88	1.83	1.62
18	---	1.17	2.91	3.27	3.33	6.50	3.46	1.73	2.75	1.85	1.81	1.59
19	---	1.64	2.91	3.48	3.26	5.83	3.26	1.69	2.57	1.83	1.86	1.57
20	1.57	2.18	2.89	5.85	3.20	6.81	3.10	1.68	2.43	1.82	2.04	1.55
21	1.54	2.19	2.83	6.12	3.14	7.66	2.91	1.69	2.37	1.83	2.00	1.54
22	1.51	2.11	2.78	6.02	3.81	7.30	2.80	1.66	2.51	1.81	1.88	1.51
23	1.48	2.05	2.71	5.45	5.29	6.67	2.71	1.66	3.41	1.84	1.82	1.49
24	1.44	2.04	2.68	4.71	5.27	6.03	2.63	1.63	2.96	2.05	1.80	1.51
25	1.41	2.39	2.65	4.37	4.98	5.59	2.61	1.60	2.61	2.38	1.78	1.53
26	1.38	2.42	2.65	4.14	4.20	5.35	2.64	1.57	2.36	2.75	1.76	1.51
27	1.35	2.21	2.63	4.02	3.78	5.12	2.59	1.55	2.19	2.50	1.74	1.48
28	1.33	2.10	3.16	3.94	3.57	4.93	2.55	1.52	2.26	2.47	1.72	1.45
29	1.30	2.07	5.01	3.88	---	5.85	2.44	1.59	2.55	2.52	1.69	1.41
30	1.28	2.09	4.77	4.20	---	6.93	2.36	1.63	3.45	2.33	1.66	1.38
31	1.25	---	4.75	4.62	---	6.84	---	1.58	---	2.45	1.64	---
MEAN	---	1.57	2.78	4.00	3.85	6.12	3.94	1.82	2.51	2.73	1.88	1.59
MAX	---	2.42	5.01	6.12	5.29	7.66	6.36	2.30	5.00	5.66	2.29	1.73
MIN	---	1.17	1.97	3.27	3.14	3.45	2.36	1.52	1.45	1.81	1.64	1.38

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA**

**LOCATION.**--Lat 34°04'56", long 83°51'17", Gwinnett County, Hydrologic Unit 03070101, at culvert on Bill Cheek Road, 5.0 miles northwest of Auburn.

**DRAINAGE AREA.**—1.32 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Works.

**PEAK-DISCHARGE RECORDS**

**PERIOD OF RECORD.**—1998 to current year.

**GAGE.**--Crest-stage partial-record gage. Datum of gage is 885 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:** 4.23 feet, June 25, 1997

**DISCHARGE:** 367 ft<sup>3</sup>/s, June 25, 1997

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** <2.29 feet, Not determined, stage below bottom of gage

**DISCHARGE:** <77 ft<sup>3</sup>/s, Not determined, stage below bottom of gage

**MAXIMUM FOR 1999 WATER YEAR.—(REVISED)**

**STAGE:** <2.29 feet, Not determined, stage below bottom of gage

**DISCHARGE:** <77 ft<sup>3</sup>/s, Not determined, stage below bottom of gage

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02217297 MULBERRY RIVER NEAR WINDER, GA**

**LOCATION.**-- Lat 34°02'45" long 83°42'42", 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<sup>2</sup>.

**COOPERATION.**—City of Winder.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**--May 2, 2000 to current.

**GAGE.**—Standard USGS vertical staff gage. Datum of gage 660 feet (from topographic map).

**RATING.**--Rating Number 1, effective May 2, 2000 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
11/13/00	4.27	30.2
01/09/00	4.66	84.2
07/09/01	4.39	43.3
08/29/01	4.15	24.1

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02217380 MULBERRY RIVER AT GA 11, NEAR WINDER, GA**

**LOCATION.**--Lat 34°03'08", long 83°39'49", Barrow-Jackson County, Hydrologic Unit 03070101, at GA Highway 11, 4.5 miles northeast of Winder.

**DRAINAGE AREA.**—142 mi<sup>2</sup>.

**COOPERATION.**—Georgia Department of Transportation.

**PEAK-DISCHARGE RECORDS**

**PERIOD OF RECORD.**—1976, 1984 to current year.

**GAGE.**--Crest-stage partial-record gage. Datum of gage is 675 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:** 12.73 feet, February 4, 1998

**DISCHARGE:** 6,800 ft<sup>3</sup>/s, February 4, 1998

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 8.86 feet, July 26

**DISCHARGE:** 1,675 ft<sup>3</sup>/s, July 26

**ALTAMAHA RIVER BASIN  
2001 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 Highway 11, 6.0 miles northeast of Winder.

**DRAINAGE AREA.**—2.68 mi<sup>2</sup>.

**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 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:** 7.31 feet, February 10, 1990

**DISCHARGE:** 1,690 ft<sup>3</sup>/s, February 10, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** <1.98 feet, Not determined, stage below bottom of gage.

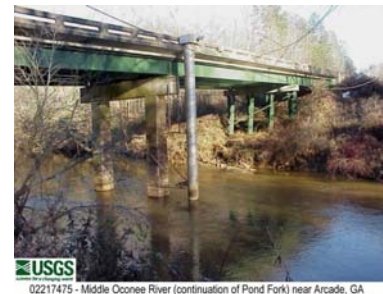
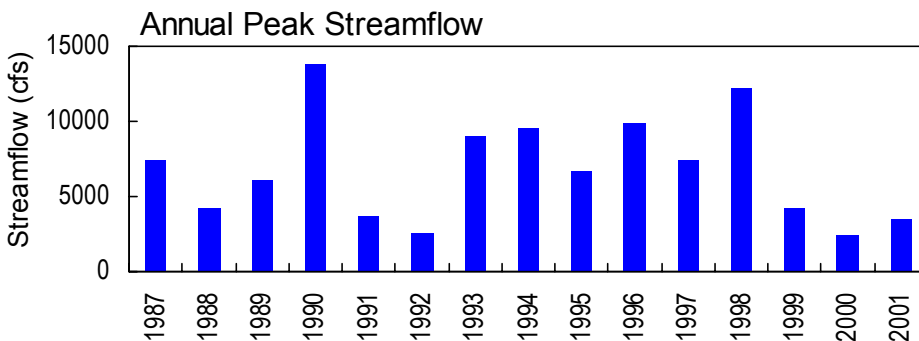
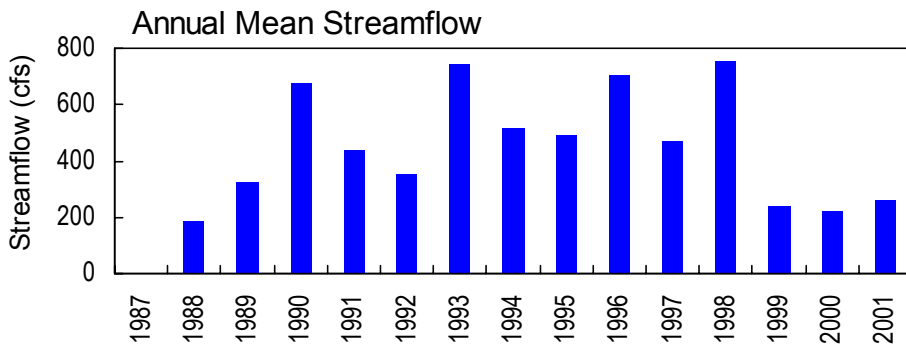
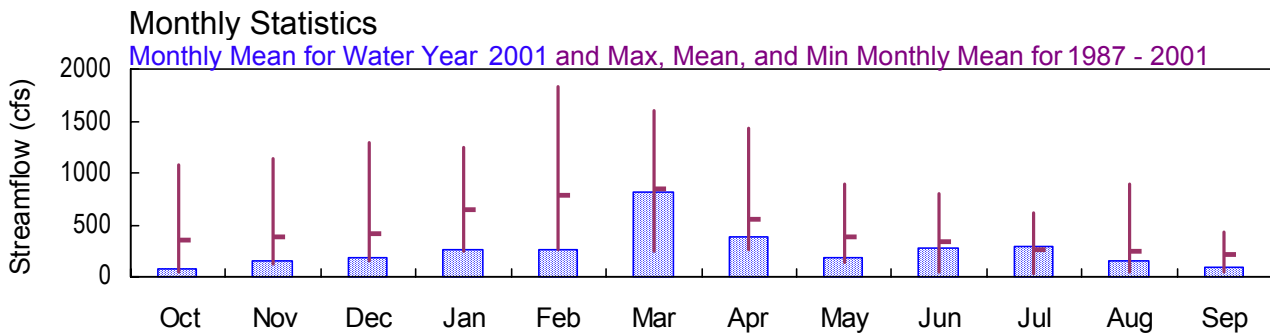
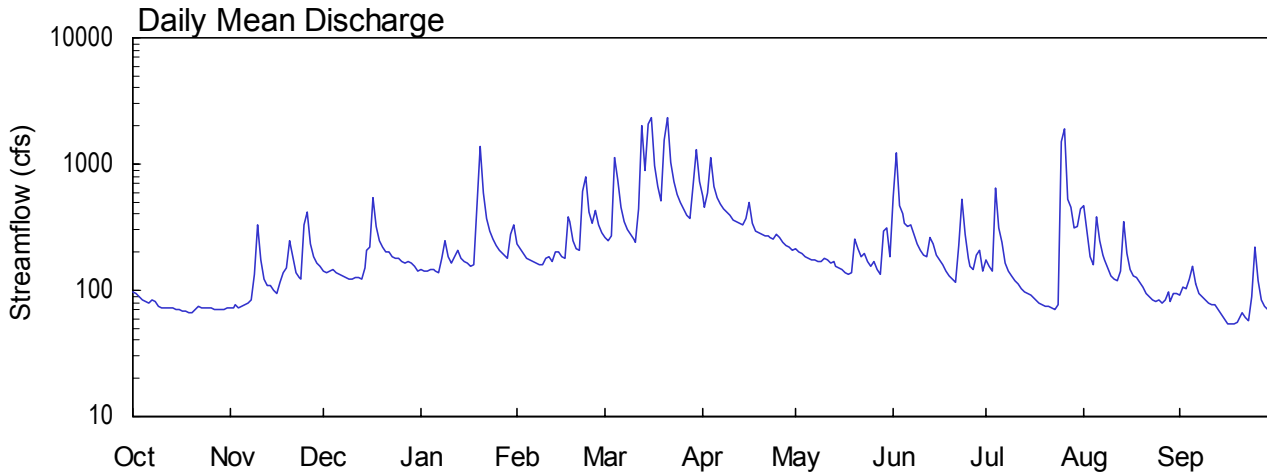
**DISCHARGE:** <36.0 ft<sup>3</sup>/s Not determined, stage below bottom of gage.

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 656.5 feet Period of Record: 1987 - 2001





**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA**

**LOCATION.**--Lat 34°01'54", long 83°33'48", Jackson-Barrow County line, Hydrologic Unit 03070101, on downstream side of bridge on GA Highway 82, 1.7 miles downstream from Mulberry River, 3.2 miles upstream from Redstone Creek, and 3.2 miles south of Arcade.

**DRAINAGE AREA.**--332 mi<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 16	0145	3,490*	13.28*
No other peak greater than base discharge			

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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 sea level (leveling by Global Positioning System equipment).

**REMARKS.**— Records good.

**EXTREMES FOR CURRENT YEAR.**— Maximum gage-height recorded, 13.28 feet, March 16; minimum gage-height recorded 1.55 feet, October 19-20.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 1, 2001 to Sept. 30, 2001

**GAGE.**—Tipping bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340154 LONGITUDE 0833348 DRAINAGE AREA 332 DATUM 656.52 STATE 13 COUNTY 157

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	97	72	143	146	234	261	553	e216	549	173	472	91
2	93	73	136	140	212	248	458	e200	1240	157	296	106
3	90	76	141	142	193	271	598	e195	464	140	186	102
4	85	73	144	146	180	1110	1120	e186	406	647	158	121
5	82	75	136	148	174	755	673	180	340	e310	377	155
6	79	78	132	143	168	452	548	175	325	e240	244	111
7	83	80	129	138	165	346	488	176	328	162	191	95
8	81	84	126	177	161	303	443	169	280	140	173	88
9	75	135	124	247	159	276	416	171	235	130	149	84
10	72	332	124	183	179	255	390	177	210	120	131	80
11	72	172	126	164	184	243	364	175	190	112	124	77
12	73	122	126	183	168	447	347	166	185	103	119	76
13	73	108	123	207	200	2010	339	167	261	97	e140	70
14	72	109	150	178	200	899	333	156	230	94	e350	64
15	70	99	208	169	184	2080	372	152	188	91	194	60
16	70	95	220	163	177	2350	500	145	173	86	e146	55
17	69	115	540	157	384	982	344	138	160	82	e131	54
18	68	136	319	160	351	662	298	132	143	79	e125	55
19	66	151	246	465	245	516	288	138	131	76	e115	56
20	66	248	221	1390	215	1550	280	251	123	e75	e105	60
21	70	182	199	585	205	2320	273	216	117	e74	95	67
22	74	138	199	376	605	1020	266	187	226	e73	88	61
23	73	126	182	294	796	727	258	196	533	e71	84	58
24	72	123	177	256	420	571	251	170	276	77	82	90
25	72	331	177	227	344	501	274	153	181	1500	85	218
26	73	416	169	207	426	438	263	169	156	1880	80	119
27	71	233	165	200	333	394	239	145	146	e520	83	85
28	70	186	170	188	282	374	227	134	188	e455	96	74
29	71	165	166	178	---	694	218	297	210	316	81	71
30	71	153	154	278	---	1310	209	309	141	319	94	64
31	72	---	141	328	---	720	---	187	---	439	94	---
TOTAL	2325	4486	5513	7963	7544	25085	11630	5628	8335	8838	4888	2567
MEAN	75.0	150	178	257	269	809	388	182	278	285	158	85.6
MAX	97	416	540	1390	796	2350	1120	309	1240	1880	472	218
MIN	66	72	123	138	159	243	209	132	117	71	80	54
CFSM	.23	.45	.54	.77	.81	2.44	1.17	.55	.84	.86	.47	.26
IN.	.26	.50	.62	.89	.85	2.81	1.30	.63	.93	.99	.55	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2001, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	349	390	422	640	784	843	553	380	343	254	252	213			
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	116	148	247	255	248	261	142	53.8	32.9	49.4	50.8			
(WY)	1988	1988	1989	1989	1989	1988	1999	1988	1988	1988	1988	1999			

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1987 - 2001

ANNUAL TOTAL		73972		94802											
ANNUAL MEAN		202		260						455					
HIGHEST ANNUAL MEAN										755				1998	
LOWEST ANNUAL MEAN										185				1988	
HIGHEST DAILY MEAN			1960	Apr 3		2350	Mar 16			10600	Mar 18	1990			
LOWEST DAILY MEAN			22	Jul 23		54	Sep 17			16	Jul 20	1988			
ANNUAL SEVEN-DAY MINIMUM			27	Jul 18		58	Sep 14			22	Jul 15	1988			
MAXIMUM PEAK FLOW						3490	Mar 16			13800	Mar 18	1990			
MAXIMUM PEAK STAGE						13.28	Mar 16			25.34	Mar 18	1990			
ANNUAL RUNOFF (CFSM)			.61			.78				1.37					
ANNUAL RUNOFF (INCHES)			8.29			10.62				18.62					
10 PERCENT EXCEEDS			360			493				855					
50 PERCENT EXCEEDS			144			170				283					
90 PERCENT EXCEEDS			53			73				103					

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/06/2002 AT: 12:21:22

e Estimated

STATION NUMBER 02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340154 LONGITUDE 0833348 DRAINAGE AREA 332 DATUM 656.52 STATE 13 COUNTY 157

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	1.88	1.63	2.26	2.29	2.98	3.13	4.30	---	4.01	2.51	4.05	2.07
2	1.85	1.64	2.21	2.24	2.85	3.06	3.93	---	6.54	2.42	3.33	2.19
3	1.81	1.68	2.25	2.26	2.73	3.18	4.40	---	3.94	2.30	2.75	2.16
4	1.76	1.65	2.27	2.28	2.65	6.09	6.11	---	3.71	4.54	2.57	2.31
5	1.74	1.67	2.21	2.30	2.61	4.98	4.71	2.53	3.41	---	3.64	2.55
6	1.71	1.70	2.18	2.27	2.57	3.97	4.28	2.49	3.33	---	3.07	2.23
7	1.75	1.72	2.15	2.23	2.55	3.54	4.05	2.50	3.36	2.45	2.77	2.10
8	1.73	1.76	2.13	2.50	2.52	3.34	3.87	2.45	3.11	2.30	2.67	2.04
9	1.66	2.17	2.11	2.93	2.50	3.21	3.75	2.46	2.88	2.23	2.51	2.00
10	1.64	3.36	2.11	2.54	2.64	3.10	3.64	2.50	2.74	2.15	2.39	1.97
11	1.64	2.46	2.13	2.41	2.67	3.03	3.53	2.49	2.63	2.09	2.34	1.94
12	1.64	2.10	2.13	2.54	2.57	3.79	3.45	2.43	2.59	2.01	2.29	1.93
13	1.65	1.98	2.10	2.70	2.78	9.10	3.41	2.44	3.01	1.95	---	1.87
14	1.64	1.99	2.31	2.51	2.77	5.42	3.38	2.36	2.85	1.92	---	1.81
15	1.61	1.90	2.70	2.45	2.67	9.22	3.55	2.33	2.61	1.89	---	1.76
16	1.61	1.87	2.76	2.41	2.62	10.01	4.09	2.28	2.52	1.85	---	1.70
17	1.60	2.04	4.24	2.37	3.64	5.67	3.43	2.22	2.44	1.81	---	1.68
18	1.59	2.21	3.31	2.39	3.55	4.68	3.21	2.18	2.33	1.78	---	1.70
19	1.56	2.32	2.93	3.75	3.04	4.16	3.15	2.22	2.24	1.75	---	1.72
20	1.57	2.94	2.78	7.01	2.87	7.57	3.11	2.95	2.18	---	---	1.76
21	1.61	2.53	2.64	4.43	2.81	9.99	3.08	2.78	2.13	---	2.10	1.84
22	1.66	2.23	2.65	3.67	4.34	5.79	3.04	2.61	2.70	---	2.04	1.77
23	1.65	2.13	2.54	3.30	5.10	4.89	3.00	2.66	4.21	---	2.00	1.74
24	1.64	2.11	2.51	3.11	3.84	4.36	2.96	2.50	3.09	1.75	1.98	2.04
25	1.64	3.26	2.50	2.94	3.53	4.10	3.08	2.39	2.57	7.22	2.01	2.92
26	1.64	3.73	2.45	2.82	3.87	3.85	3.02	2.50	2.41	8.61	1.96	2.29
27	1.63	2.85	2.42	2.77	3.48	3.66	2.89	2.34	2.35	---	1.99	2.01
28	1.61	2.56	2.46	2.70	3.24	3.57	2.82	2.26	2.58	---	2.11	1.91
29	1.63	2.42	2.43	2.63	---	4.68	2.77	3.17	2.73	3.42	1.98	1.88
30	1.63	2.33	2.35	3.18	---	6.74	2.71	3.25	2.31	3.43	2.09	1.80
31	1.64	---	2.25	3.45	---	4.87	---	2.61	---	3.83	2.09	---
MEAN	1.67	2.23	2.47	2.88	3.07	5.06	3.56	---	2.98	---	---	1.99
MAX	1.88	3.73	4.24	7.01	5.10	10.01	6.11	---	6.54	---	---	2.92
MIN	1.56	1.63	2.10	2.23	2.50	3.03	2.71	---	2.13	---	---	1.68

STATION NUMBER 02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340154 LONGITUDE 0833348 DRAINAGE AREA 332 DATUM 656.52 STATE 13 COUNTY 157

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

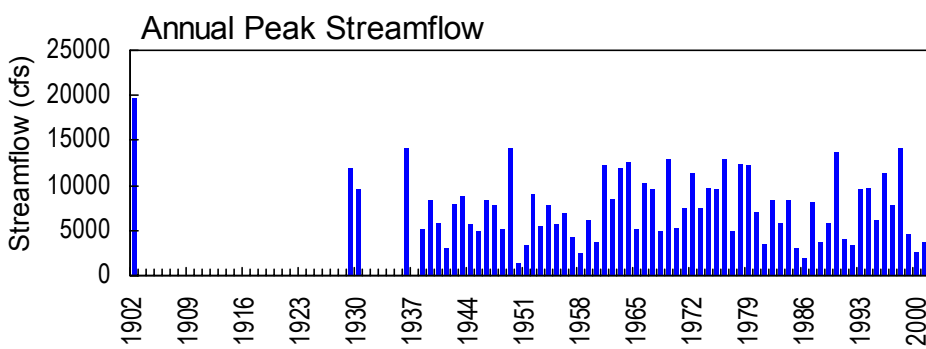
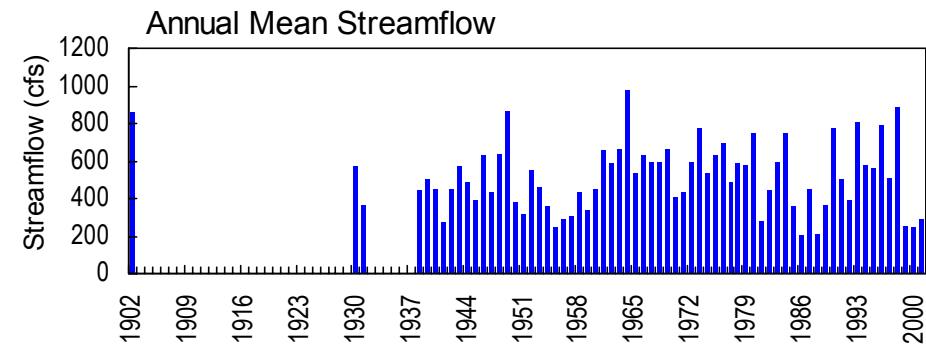
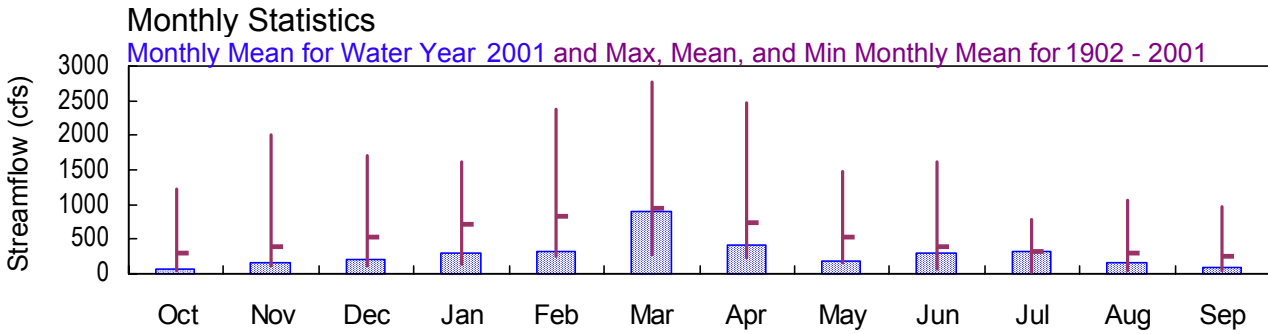
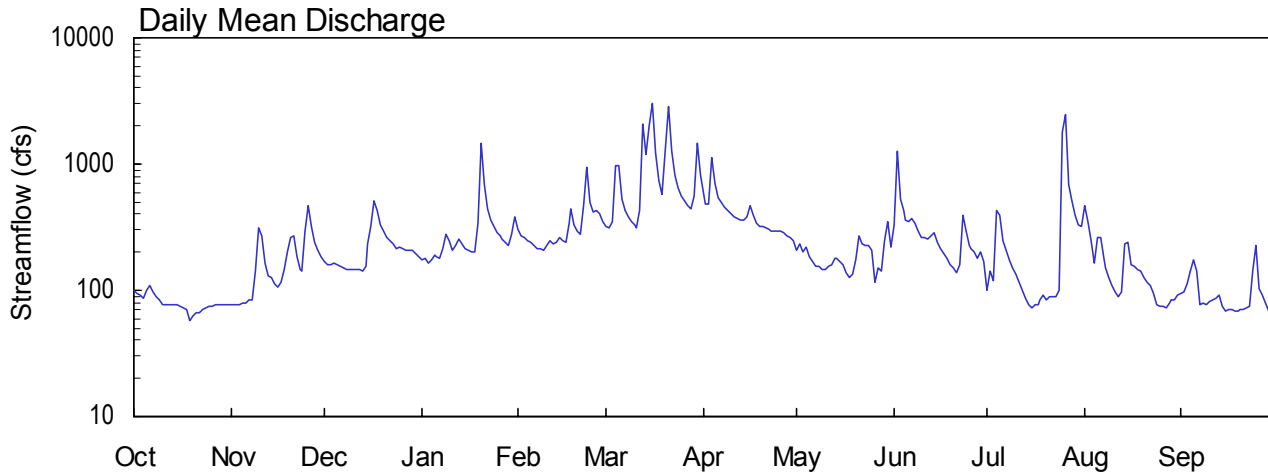
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	1.82	.00	.00	.05
2	---	---	---	---	---	---	---	---	.00	.00	.00	.05
3	---	---	---	---	---	---	---	---	.60	.25	.00	.24
4	---	---	---	---	---	---	---	---	.02	.12	1.22	.05
5	---	---	---	---	---	---	---	.00	.01	---	.02	.00
6	---	---	---	---	---	---	---	.04	1.31	.00	.61	.00
7	---	---	---	---	---	---	---	.00	.01	.00	.01	.00
8	---	---	---	---	---	---	---	.00	.01	.09	.00	.00
9	---	---	---	---	---	---	---	.00	.00	.00	---	.00
10	---	---	---	---	---	---	---	.00	.00	.00	---	.00
11	---	---	---	---	---	---	---	.23	.37	.00	---	.00
12	---	---	---	---	---	---	---	.33	.70	.00	---	.00
13	---	---	---	---	---	---	---	.00	.01	.00	---	.00
14	---	---	---	---	---	---	---	.03	.00	.00	---	.00
15	---	---	---	---	---	---	---	.01	.02	.00	---	.00
16	---	---	---	---	---	---	---	.00	.00	.00	---	.00
17	---	---	---	---	---	---	---	.00	.00	.00	---	.00
18	---	---	---	---	---	---	---	.00	.00	.00	---	.00
19	---	---	---	---	---	---	---	.80	.00	---	---	.19
20	---	---	---	---	---	---	---	.08	.00	---	---	.01
21	---	---	---	---	---	---	---	.00	.00	---	.00	.00
22	---	---	---	---	---	---	---	.70	1.67	---	.00	.00
23	---	---	---	---	---	---	---	.02	.00	---	.00	.39
24	---	---	---	---	---	---	---	.01	.00	.62	.08	1.23
25	---	---	---	---	---	---	---	.12	.00	6.07	.00	.00
26	---	---	---	---	---	---	---	.00	.00	.02	.00	.00
27	---	---	---	---	---	---	---	.00	.00	---	.00	.00
28	---	---	---	---	---	---	---	.69	.00	.01	.00	.00
29	---	---	---	---	---	---	---	.40	.00	.36	.11	.00
30	---	---	---	---	---	---	---	.00	.36	.00	.03	.00
31	---	---	---	---	---	---	---	.17	---	.00	.09	---
TOTAL	---	---	---	---	---	---	---	---	6.91	---	---	2.21

# ALTAMAHA RIVER BASIN

## 2001 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: 392 mi<sup>2</sup> Datum: 555.7 feet Period of Record: 1902 - 2001



USGS  
 02217500 - Middle Oconee River near Athens, GA - March 12, 1973

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA**

**LOCATION.**-Lat 33°56'58", long 83°25'43", Clarke County, Hydrologic Unit 03070101, on left bank 0.5 miles upstream from US Highway 78 and US Highway 29 Business, 2.0 miles west of Athens, and 5.0 miles upstream from Barber Creek.

**DRAINAGE AREA.**-398 mi<sup>2</sup>.

**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 sea level. 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 16	0745	3,720*	9.00*
No other peak greater than base discharge			

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 9.00 feet, March 16; minimum gage-height recorded, 0.76 feet, October 19.

**PRECIPITATION RECORD**

**PERIOD OF RECORD.**- March 2, 2001 to September 30, 2001

**GAGE.**-Tipping-bucket rain gage.

**REMARKS.**-Records fair.



STATION NUMBER 02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335648 LONGITUDE 0832522 DRAINAGE AREA 392.00 DATUM 555.66 STATE 13 COUNTY 059

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	100	76	170	174	306	321	579	205	329	101	471	93
2	93	76	160	181	272	311	486	231	1260	142	349	96
3	91	76	159	166	263	347	485	200	531	120	249	113
4	87	77	166	175	245	958	1120	e219	424	427	162	142
5	99	79	161	191	238	975	695	e185	365	388	261	175
6	108	80	154	185	226	522	541	e170	349	246	263	143
7	96	83	150	178	215	424	492	e156	369	205	179	78
8	89	85	147	212	213	380	457	157	336	173	151	79
9	85	141	145	279	209	347	429	147	291	149	128	e78
10	78	308	145	245	228	326	408	148	264	133	108	e82
11	76	268	145	209	247	309	387	156	263	116	97	e85
12	76	162	147	225	230	426	373	159	254	99	90	e87
13	76	131	140	251	240	2070	362	177	268	86	96	91
14	76	126	155	234	260	1190	358	179	282	76	232	74
15	76	114	230	215	244	2020	377	170	240	72	239	68
16	74	105	322	209	240	3060	475	159	213	77	161	70
17	73	117	517	201	343	1240	395	139	195	77	157	70
18	71	148	430	200	443	746	338	126	177	85	146	69
19	58	203	334	345	333	574	323	134	161	92	140	69
20	62	263	294	1440	294	1280	319	174	149	e85	126	70
21	66	271	260	684	278	2870	311	269	138	88	115	70
22	67	182	250	442	468	1280	303	235	161	88	109	72
23	70	148	236	361	946	813	296	227	393	88	95	74
24	72	141	216	320	498	638	290	223	297	100	78	e140
25	74	292	218	289	418	557	296	207	228	1780	74	e228
26	75	473	215	266	434	508	297	116	211	2450	74	e103
27	76	319	209	251	404	470	282	149	201	e680	72	91
28	77	237	205	243	349	447	272	142	181	506	79	80
29	76	205	206	229	---	564	261	247	203	389	84	69
30	76	185	197	280	---	1460	250	353	170	335	85	68
31	76	---	184	382	---	816	---	221	---	325	92	---
TOTAL	2449	5171	6667	9262	9084	28249	12257	5780	8903	9778	4762	2827
MEAN	79.0	172	215	299	324	911	409	186	297	315	154	94.2
MAX	108	473	517	1440	946	3060	1120	353	1260	2450	471	228
MIN	58	76	140	166	209	309	250	116	138	72	72	68
CFSM	.20	.44	.55	.76	.83	2.32	1.04	.48	.76	.80	.39	.24
IN.	.23	.49	.63	.88	.86	2.68	1.16	.55	.84	.93	.45	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1902 - 2001, BY WATER YEAR (WY)

	308	403	535	717	831	946	738	538	403	330	300	244
MEAN	308	403	535	717	831	946	738	538	403	330	300	244
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	113	123	140	251	285	233	162	63.6	25.3	40.8	44.6
(WY)	1955	1956	1956	1956	1986	1988	1986	1988	1988	1986	1986	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1902 - 2001

ANNUAL TOTAL		82336		105189								
ANNUAL MEAN		225		288						518		
HIGHEST ANNUAL MEAN										977		1964
LOWEST ANNUAL MEAN										202		1986
HIGHEST DAILY MEAN			2020	Apr 3		3060	Mar 16		19600		Feb 28	1902
LOWEST DAILY MEAN			13	Jul 22		58	Oct 19		8.2		Aug 8	1986
ANNUAL SEVEN-DAY MINIMUM			21	Jul 20		67	Oct 18		12		Jul 17	1986
MAXIMUM PEAK FLOW						3720	Mar 16		19600		Feb 28	1902
MAXIMUM PEAK STAGE						9.00	Mar 16		25.50		Feb 28	1902
ANNUAL RUNOFF (CFSM)		.57				.74			1.32			
ANNUAL RUNOFF (INCHES)		7.81				9.98			17.96			
10 PERCENT EXCEEDS		393				488			920			
50 PERCENT EXCEEDS		162				205			350			
90 PERCENT EXCEEDS		64				76			144			

STATISTICS COMPUTED BY: tpojunas

DATE: 03/08/2002 AT: 10:30:28

e Estimated

STATION NUMBER 02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335648 LONGITUDE 0832522 DRAINAGE AREA 392.00 DATUM 555.66 STATE 13 COUNTY 059

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	1.00	.89	1.24	1.21	1.54	1.57	2.15	1.29	1.59	.96	1.92	.95
2	.98	.89	1.21	1.23	1.46	1.55	1.96	1.37	3.54	1.11	1.63	.97
3	.96	.89	1.21	1.19	1.44	1.63	1.95	1.28	2.05	1.02	1.41	1.03
4	.95	.90	1.23	1.21	1.40	2.92	3.18	---	1.81	1.79	1.19	1.13
5	1.00	.91	1.21	1.26	1.38	2.91	2.37	---	1.67	1.73	1.43	1.23
6	1.04	.91	1.19	1.24	1.35	2.03	2.08	---	1.64	1.40	1.44	1.14
7	.99	.93	1.18	1.22	1.33	1.81	1.97	---	1.68	1.30	1.24	.88
8	.96	.94	1.17	1.32	1.32	1.70	1.89	1.16	1.61	1.21	1.16	.89
9	.94	1.13	1.16	1.48	1.31	1.63	1.82	1.13	1.50	1.13	1.09	---
10	.90	1.55	1.16	1.40	1.36	1.58	1.77	1.13	1.44	1.08	1.02	---
11	.89	1.46	1.16	1.31	1.41	1.54	1.72	1.16	1.44	1.02	.97	---
12	.89	1.21	1.17	1.35	1.36	1.80	1.69	1.16	1.42	.95	.94	---
13	.89	1.13	1.15	1.41	1.39	5.56	1.66	1.22	1.45	.89	.96	.95
14	.89	1.11	1.20	1.37	1.43	3.37	1.65	1.22	1.48	.84	1.37	.86
15	.89	1.06	1.38	1.33	1.40	5.38	1.70	1.20	1.39	.82	1.39	.83
16	.88	1.03	1.58	1.31	1.39	7.67	1.93	1.17	1.32	.85	1.19	.84
17	.87	1.07	2.02	1.29	1.62	3.42	1.74	1.10	1.27	.85	1.18	.84
18	.86	1.18	1.82	1.29	1.85	2.43	1.61	1.06	1.22	.88	1.15	.83
19	.79	1.31	1.60	1.63	1.60	2.08	1.58	1.08	1.17	.92	1.12	.83
20	.82	1.45	1.51	3.96	1.51	3.66	1.57	1.19	1.14	---	1.08	.84
21	.84	1.47	1.43	2.34	1.47	7.34	1.55	1.45	1.10	.90	1.05	.84
22	.85	1.27	1.41	1.85	1.90	3.52	1.53	1.38	1.17	.90	1.02	.85
23	.86	1.17	1.38	1.66	2.83	2.56	1.51	1.36	1.74	.90	.96	.86
24	.87	1.16	1.33	1.57	1.98	2.21	1.50	1.34	1.52	.95	.88	---
25	.88	1.51	1.33	1.50	1.80	2.04	1.52	1.30	1.36	4.83	.86	---
26	.88	1.92	1.33	1.45	1.83	1.93	1.52	1.02	1.32	6.40	.86	---
27	.89	1.57	1.31	1.41	1.76	1.84	1.48	1.13	1.29	---	.85	.94
28	.90	1.39	1.30	1.39	1.63	1.79	1.46	1.11	1.23	2.00	.89	.89
29	.89	1.32	1.30	1.36	---	2.04	1.44	1.40	1.29	1.72	.91	.84
30	.89	1.27	1.28	1.48	---	3.97	1.41	1.64	1.20	1.60	.92	.83
31	.89	---	1.24	1.71	---	2.59	---	1.33	---	1.58	.95	---
MEAN	.90	1.20	1.33	1.51	1.57	2.84	1.76	---	1.50	---	1.13	---
MAX	1.04	1.92	2.02	3.96	2.83	7.67	3.18	---	3.54	---	1.92	---
MIN	.79	.89	1.15	1.19	1.31	1.54	1.41	---	1.10	---	.85	---

STATION NUMBER 02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335648 LONGITUDE 0832522 DRAINAGE AREA 392.00 DATUM 555.66 STATE 13 COUNTY 059

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

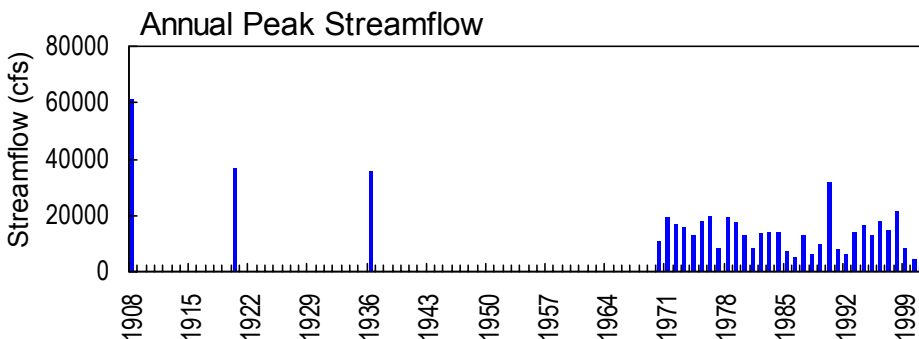
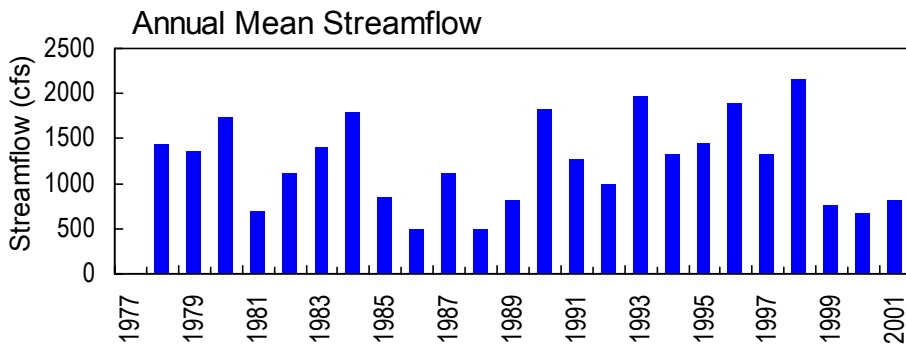
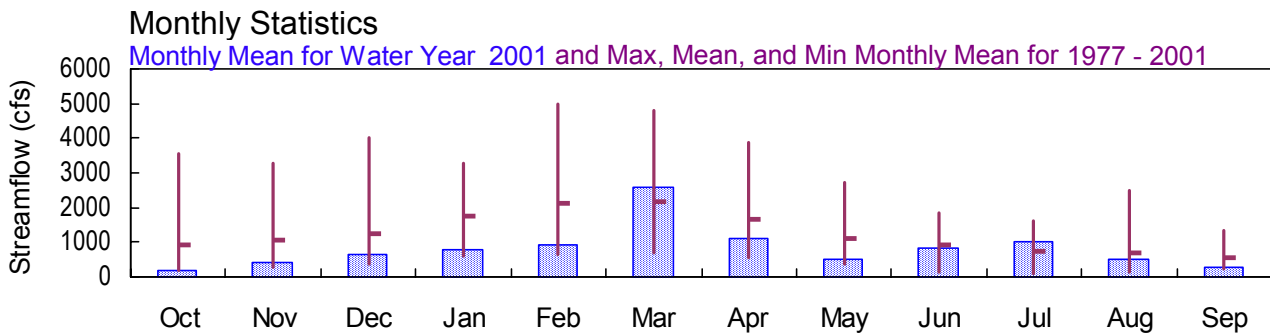
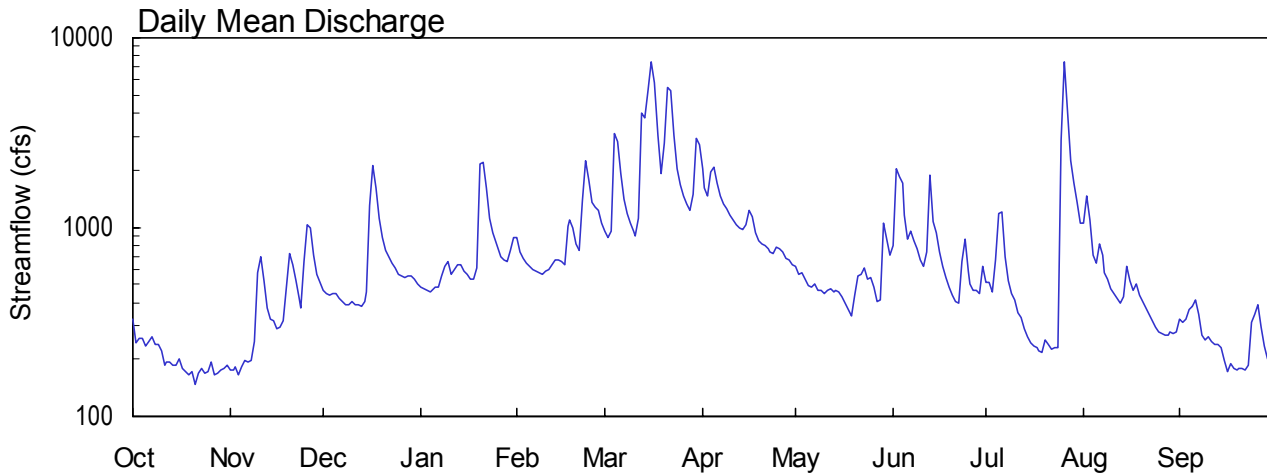
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	.00	.00	.43	.00	.00	.01
2	---	---	---	---	---	---	.00	.00	.24	.00	.00	.08
3	---	---	---	---	---	.00	.70	.00	.25	.64	.00	.20
4	---	---	---	---	---	.00	.00	---	.27	.32	.01	.01
5	---	---	---	---	---	.00	.03	---	.26	.02	.00	.00
6	---	---	---	---	---	---	.00	---	.27	.00	.09	.00
7	---	---	---	---	---	.00	.00	---	.24	.00	.00	.00
8	---	---	---	---	---	.00	.00	.00	.17	.00	.00	.00
9	---	---	---	---	---	.00	.00	.00	.14	.01	.00	---
10	---	---	---	---	---	.00	.00	.10	.10	.00	.00	---
11	---	---	---	---	---	.00	.00	.00	.06	.00	.00	---
12	---	---	---	---	---	2.10	.00	.08	.73	.02	.00	---
13	---	---	---	---	---	.01	.19	.01	.01	.00	.06	---
14	---	---	---	---	---	.10	.00	.00	.07	.00	.00	.00
15	---	---	---	---	---	1.62	.73	.00	.05	.00	.00	.00
16	---	---	---	---	---	.00	.00	.00	.00	---	.00	.00
17	---	---	---	---	---	.00	.00	.00	.00	---	.02	.00
18	---	---	---	---	---	.00	.00	.00	---	---	.00	.00
19	---	---	---	---	---	.01	.00	.86	.00	---	.03	.00
20	---	---	---	---	---	1.65	.00	.16	.00	---	.00	.00
21	---	---	---	---	---	.02	.00	.00	.00	.00	.00	.00
22	---	---	---	---	---	.00	.00	.39	.74	.00	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	.00	.00	---
24	---	---	---	---	---	.00	.35	.01	.00	.53	.42	---
25	---	---	---	---	---	.00	.14	.13	.00	4.95	.00	---
26	---	---	---	---	---	.00	.00	.00	.00	.00	.00	---
27	---	---	---	---	---	.00	.00	.01	.62	---	.13	.00
28	---	---	---	---	---	.00	.00	.59	.00	.25	.01	.00
29	---	---	---	---	---	1.44	.00	.68	.00	.43	.01	.00
30	---	---	---	---	---	.00	.00	.00	.14	.00	.00	.00
31	---	---	---	---	---	.01	---	.16	---	.00	.18	---
TOTAL	---	---	---	---	---	---	2.14	---	---	---	0.96	---

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 433.3 feet Period of Record: 1977 - 2001



USGS  
 02218300 - Oconee River near Penfield, GA

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02218300 OCONEE RIVER NEAR PENFIELD, GA**

**LOCATION.**--Lat 33°43'14", long 83°17'45", Greene County, Hydrologic Unit 03070101, on downstream side of bridge on GA Highway 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<sup>2</sup>.

**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 sea level. 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 Dec. 19, 1919, reached a stage of 26.9 feet, information supplied by Georgia Department of Transportation, discharge, 37,000 ft<sup>3</sup>/s, from rating curve extended above 22,000 ft<sup>3</sup>/s on basis of slope-conveyance study. The flood of April 6, 1936 reached a stage of 26.7 feet, discharge, 36,000 ft<sup>3</sup>/s (revised) from rating curve extended above 22,000 ft<sup>3</sup>/s on basis of slope-conveyance study.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 4,600 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.16	0315	7,840	15.20
Mar 22	0130	6,030	13.68
July 26	1000	8,030*	15.35*

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 15.35 feet, July 26; minimum gage-height recorded, 2.56 feet, October 21.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--December 1, 2000 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02218300 OCONEE RIVER NEAR PENFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334316 LONGITUDE 0831744 DRAINAGE AREA 940 DATUM 433.26 STATE 13 COUNTY 133

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	328	174	464	487	888	954	2040	618	800	511	1060	329
2	243	176	445	471	741	885	1600	561	2050	511	1460	312
3	257	182	440	e460	680	946	1470	580	1850	456	1100	326
4	259	165	450	454	645	3100	1940	529	1700	674	707	367
5	236	183	443	477	619	2830	2070	496	1160	1190	649	382
6	250	199	421	487	602	1930	1690	481	872	1210	821	413
7	264	195	407	485	586	1410	1470	503	951	697	708	345
8	242	198	392	554	578	1170	1330	465	848	520	580	271
9	239	250	388	625	569	1050	1240	463	770	450	530	255
10	221	570	402	661	583	961	1160	447	672	412	472	265
11	186	693	393	564	603	905	1090	464	621	356	450	249
12	194	521	388	592	635	1120	1020	471	742	333	422	241
13	192	373	383	632	674	4010	986	451	1890	294	395	242
14	188	328	408	630	666	3820	977	460	1080	263	433	230
15	188	321	458	585	663	5270	1020	453	942	244	624	196
16	200	293	1290	561	636	7490	1220	427	737	237	526	173
17	178	297	2100	536	1010	5850	1140	397	627	231	465	189
18	173	318	1600	529	1100	3030	928	370	541	220	505	179
19	167	483	1120	609	990	1920	850	338	479	218	442	176
20	171	725	886	2150	820	2750	822	434	441	252	409	180
21	147	638	748	2180	761	5510	806	557	406	240	372	180
22	168	517	698	1610	1390	5220	762	567	399	227	344	174
23	179	423	652	1120	2240	3070	746	607	661	229	322	187
24	170	376	606	929	1770	2030	723	535	861	231	295	313
25	171	659	565	830	1340	1670	778	542	589	2900	279	348
26	194	1030	555	747	1270	1470	771	478	505	7460	273	387
27	167	996	545	701	1220	1320	737	402	466	4130	267	298
28	169	707	551	672	1060	1220	685	417	460	2260	269	237
29	177	569	551	653	---	1480	666	1050	443	1690	281	202
30	178	510	530	755	---	2960	636	867	624	1360	275	192
31	186	---	501	876	---	2730	---	716	---	1050	281	---
TOTAL	6282	13069	19780	23622	25339	80081	33373	16146	25187	31056	16016	7838
MEAN	203	436	638	762	905	2583	1112	521	840	1002	517	261
MAX	328	1030	2100	2180	2240	7490	2070	1050	2050	7460	1460	413
MIN	147	165	383	454	569	885	636	338	399	218	267	173
CFSM	.22	.46	.68	.81	.96	2.75	1.18	.55	.89	1.07	.55	.28
IN.	.25	.52	.78	.93	1.00	3.17	1.32	.64	1.00	1.23	.63	.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2001, BY WATER YEAR (WY)

	920	1074	1244	1732	2109	2181	1641	1130	929	730	687	566
MEAN	920	1074	1244	1732	2109	2181	1641	1130	929	730	687	566
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	275	358	595	638	689	569	366	153	93.4	116	217
(WY)	1988	1982	1989	1981	1989	1988	1986	1988	1988	1986	1986	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1977 - 2001

ANNUAL TOTAL	225751	297789		
ANNUAL MEAN	617	816	1241	
HIGHEST ANNUAL MEAN			2169	1998
LOWEST ANNUAL MEAN			498	1986
HIGHEST DAILY MEAN	4140	Mar 21	7490	Mar 16
LOWEST DAILY MEAN	42	Jul 22	147	Oct 21
ANNUAL SEVEN-DAY MINIMUM	79	Jul 17	168	Oct 19
MAXIMUM PEAK FLOW			8030	Jul 26
MAXIMUM PEAK STAGE			15.35	Jul 26
ANNUAL RUNOFF (CFSM)	.66		.87	
ANNUAL RUNOFF (INCHES)	8.93		11.78	
10 PERCENT EXCEEDS	1200		1630	2240
50 PERCENT EXCEEDS	439		551	838
90 PERCENT EXCEEDS	153		197	314

STATISTICS COMPUTED BY: kerestes

DATE: 02/23/2002 AT: 11:04:32

e Estimated

STATION NUMBER 02218300 OCONEE RIVER NEAR PENFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334316 LONGITUDE 0831744 DRAINAGE AREA 940 DATUM 433.26 STATE 13 COUNTY 133

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	3.54	2.96	3.99	4.15	5.31	5.49	8.04	4.81	5.26	4.50	5.95	3.91
2	3.22	2.97	3.93	4.10	4.91	5.30	7.15	4.65	8.06	4.50	6.86	3.85
3	3.28	2.99	3.91	---	4.73	5.47	6.88	4.70	7.67	4.33	6.03	3.90
4	3.29	2.93	3.94	4.05	4.62	9.90	7.85	4.56	7.36	4.96	5.05	4.04
5	3.20	3.00	3.92	4.12	4.55	9.50	8.09	4.46	6.18	6.25	4.90	4.09
6	3.25	3.07	3.85	4.15	4.50	7.73	7.35	4.41	5.50	6.29	5.36	4.19
7	3.31	3.05	3.80	4.14	4.45	6.59	6.87	4.48	5.70	5.02	5.06	3.97
8	3.23	3.06	3.76	4.35	4.43	6.03	6.58	4.36	5.43	4.53	4.70	3.71
9	3.21	3.25	3.74	4.56	4.40	5.73	6.36	4.35	5.23	4.31	4.56	3.65
10	3.14	4.31	3.79	4.67	4.44	5.51	6.20	4.30	4.96	4.19	4.38	3.69
11	3.01	4.67	3.76	4.38	4.50	5.36	6.04	4.36	4.82	4.00	4.31	3.63
12	3.05	4.16	3.74	4.47	4.59	5.86	5.88	4.38	5.15	3.93	4.22	3.59
13	3.04	3.69	3.73	4.58	4.71	11.41	5.78	4.32	7.71	3.79	4.13	3.60
14	3.02	3.54	3.81	4.58	4.68	11.10	5.76	4.34	6.01	3.68	4.26	3.55
15	3.02	3.51	3.97	4.45	4.68	12.60	5.86	4.32	5.67	3.61	4.83	3.41
16	3.07	3.42	6.11	4.37	4.60	14.92	6.33	4.24	5.14	3.58	4.54	3.33
17	2.98	3.43	7.91	4.30	5.62	13.46	6.15	4.14	4.84	3.56	4.36	3.39
18	2.96	3.50	6.91	4.28	5.86	9.81	5.64	4.05	4.59	3.52	4.48	3.35
19	2.94	4.04	5.86	4.51	5.58	7.80	5.44	3.95	4.41	3.50	4.29	3.34
20	2.95	4.76	5.27	8.17	5.12	9.21	5.37	4.26	4.28	3.63	4.18	3.36
21	2.85	4.51	4.91	8.25	4.96	13.19	5.32	4.63	4.17	3.59	4.06	3.36
22	2.94	4.15	4.77	7.04	6.44	12.86	5.21	4.67	4.15	3.54	3.97	3.33
23	2.98	3.86	4.64	5.90	8.37	9.90	5.17	4.78	4.93	3.55	3.89	3.39
24	2.95	3.70	4.51	5.42	7.39	8.01	5.10	4.58	5.47	3.56	3.79	3.84
25	2.95	4.54	4.39	5.15	6.44	7.31	5.25	4.60	4.73	8.84	3.74	3.98
26	3.04	5.57	4.36	4.92	6.28	6.88	5.23	4.40	4.49	14.90	3.71	4.11
27	2.93	5.48	4.33	4.79	6.14	6.55	5.14	4.16	4.36	11.30	3.69	3.80
28	2.94	4.71	4.35	4.70	5.76	6.32	5.00	4.21	4.34	8.45	3.70	3.58
29	2.98	4.31	4.35	4.65	---	6.88	4.95	5.90	4.29	7.33	3.74	3.45
30	2.98	4.13	4.28	4.94	---	9.74	4.86	5.48	4.83	6.63	3.72	3.41
31	3.01	---	4.19	5.28	---	9.32	---	5.08	---	5.93	3.74	---
MEAN	3.07	3.84	4.48	---	5.29	8.57	6.03	4.51	5.32	5.27	4.46	3.66
MAX	3.54	5.57	7.91	---	8.37	14.92	8.09	5.90	8.06	14.90	6.86	4.19
MIN	2.85	2.93	3.73	---	4.40	5.30	4.86	3.95	4.15	3.50	3.69	3.33



STATION NUMBER 02218300 OCONEE RIVER NEAR PENFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334316 LONGITUDE 0831744 DRAINAGE AREA 940 DATUM 433.26 STATE 13 COUNTY 133

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	---	---	.00	.00	.00	.00	.00	.00	1.35	1.41	.00	.00
2	---	---	.07	.00	.01	.37	.00	.00	.00	.00	.00	.05
3	---	---	.21	.00	.00	1.96	.54	.00	.56	.28	.00	.16
4	---	---	.01	.00	.00	.07	.00	.00	.00	.91	.03	.01
5	---	---	.00	.00	.00	.00	.14	.00	.00	.10	.01	.00
6	---	---	.00	.00	.00	.00	.00	.00	.02	.00	.01	.00
7	---	---	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00
8	---	---	.00	.64	.00	.00	.00	.00	.23	.01	.00	.00
9	---	---	.15	.00	.00	.00	.00	.00	.00	.00	.00	---
10	---	---	.04	.00	.14	.00	.00	.17	.00	.00	.00	.05
11	---	---	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00
12	---	---	.00	.01	.59	2.05	.00	.00	2.49	.00	.00	.00
13	---	---	.05	.00	.00	.01	.02	.00	1.51	.00	.00	.04
14	---	---	.25	.00	.01	.23	.00	.00	.03	.00	.00	.00
15	---	---	1.06	.03	.00	2.00	.75	.00	.04	.00	.00	.00
16	---	---	.67	.00	.48	.00	.00	.00	.00	.00	.00	.00
17	---	---	.01	.03	.63	.00	.00	.00	.00	.00	.00	.00
18	---	---	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	.19	1.14	.00	.10	.00	.94	.00	.12	.21	.00
20	---	---	.00	.00	.00	1.62	.00	.05	.00	.00	.00	.03
21	---	---	.12	.00	.00	.01	.00	.01	.00	.00	.00	.00
22	---	---	.01	.00	1.38	.00	.00	.36	.75	.00	.00	.00
23	---	---	.00	.00	.00	.00	.00	.01	.00	.04	.00	.13
24	---	---	.00	.00	.00	.00	.03	.28	.00	.65	.00	.56
25	---	---	.00	.00	.21	.00	.23	.11	.00	3.50	.00	.00
26	---	---	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00
27	---	---	.05	.00	.00	.00	.00	.02	.00	.30	.00	.00
28	---	---	.16	.00	.00	.00	.00	2.09	.00	1.22	.00	.00
29	---	---	.00	.00	---	1.52	.00	1.26	.00	.12	.01	.00
30	---	---	.00	.60	---	.00	.02	.00	.00	.00	.02	.00
31	---	---	.00	.00	---	.00	---	.00	---	.00	.19	---
TOTAL	---	---	3.05	2.53	3.45	9.94	1.73	5.31	6.98	8.66	0.48	---

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02218565 APALACHEE RIVER AT FENCE ROAD, NEAR DACULA, GA**

**LOCATION.**--Lat 34°00'37", long 83°53'39", Gwinnett County, Hydrologic Unit 03070103, at culvert on Fence Road, 1.5 miles north of Dacula.

**DRAINAGE AREA.**—5.67 mi<sup>2</sup>.

**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 935 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:** 6.21 feet, October 5, 1995

**DISCHARGE:** 812 ft<sup>3</sup>/s, October 5, 1995

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 5.36 feet, July 25

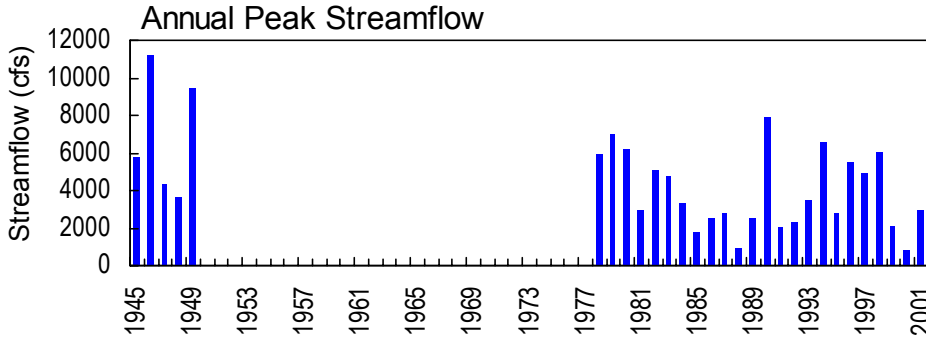
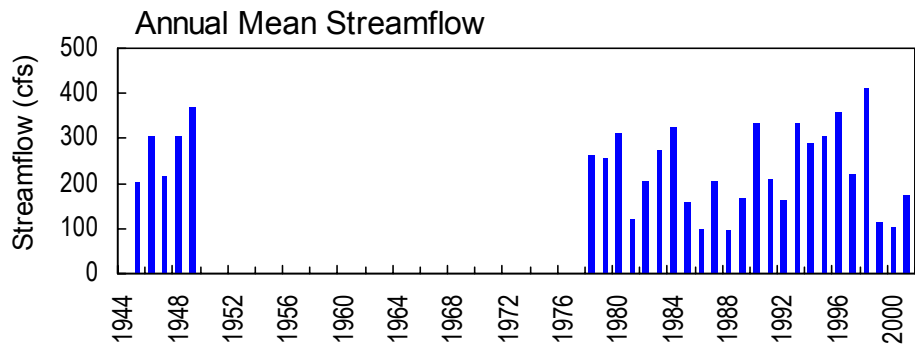
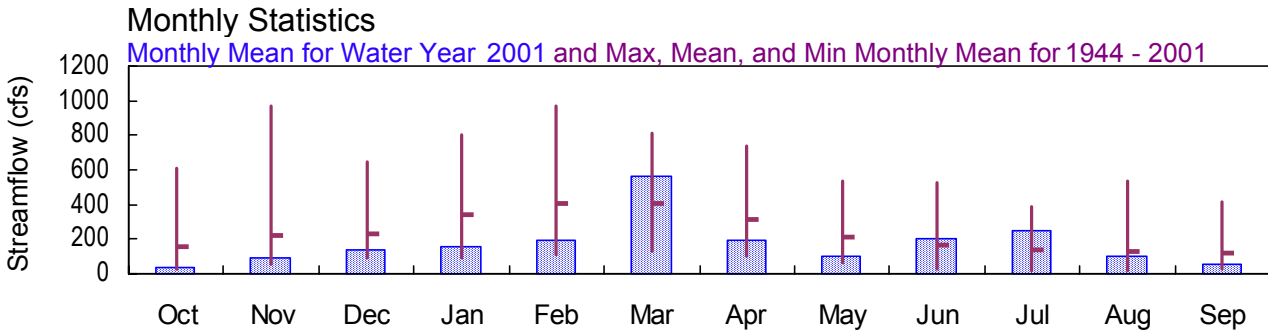
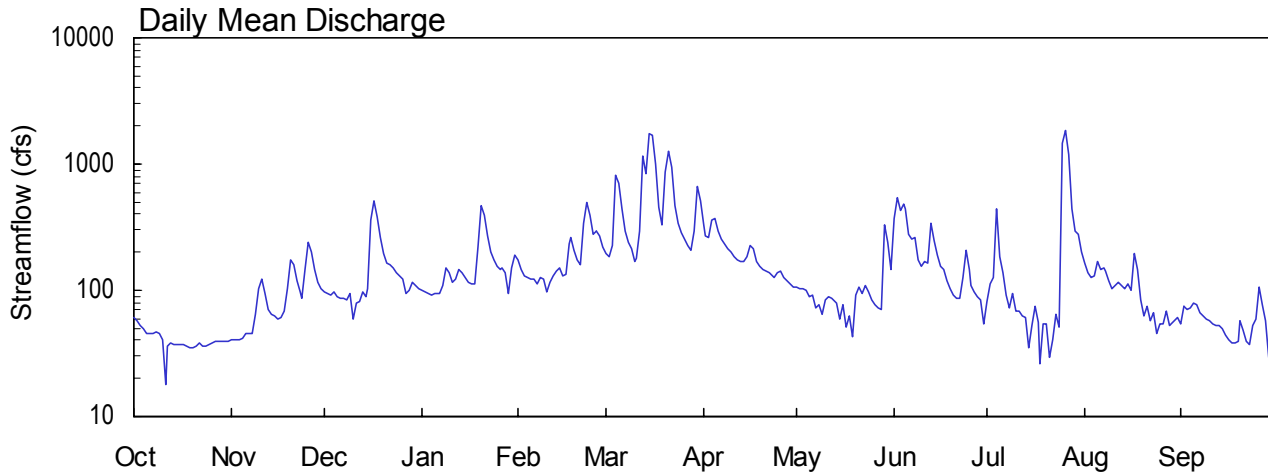
**DISCHARGE:** 646 ft<sup>3</sup>/s, July 25

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 544.1 feet Period of Record: 1944 - 2001



02219000 - Apalachee River near Bostwick, GA

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02219000 APALACHEE RIVER NEAR BOSTWICK, GA**

**LOCATION.**--Lat 33°47'17", long 83°28'27", 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<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 15	1015	2,490	4.49
Jul. 25	1145	2,950*	4.83*

**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 sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 4.83 feet, July 25; minimum gage-height recorded, 1.02 feet, October 11.

STATION NUMBER 02219000 APALACHEE RIVER NEAR BOSTWICK, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334717 LONGITUDE 0832827 DRAINAGE AREA 176.00 DATUM 544.14 STATE 13 COUNTY 219

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	61	41	98	99	174	198	335	105	369	81	163	55
2	57	41	93	98	147	185	266	103	546	112	139	75
3	52	40	91	93	131	224	263	102	428	125	126	70
4	49	40	96	92	127	822	365	100	488	438	131	73
5	46	42	89	94	123	700	370	89	444	182	170	80
6	45	45	87	94	122	441	291	91	280	136	144	77
7	46	45	87	94	112	292	253	72	253	92	152	67
8	47	46	83	108	126	243	230	77	261	73	141	62
9	46	64	93	149	122	213	212	65	174	93	119	60
10	41	103	59	137	96	169	200	84	157	69	102	58
11	18	122	79	117	117	177	187	88	168	68	108	55
12	36	93	81	123	129	290	176	86	165	63	116	53
13	38	70	96	147	142	1170	170	81	343	61	110	52
14	37	65	88	138	152	848	167	80	245	35	104	49
15	37	62	102	127	131	1730	186	60	191	52	113	44
16	37	60	361	117	135	1690	229	77	154	75	100	40
17	37	61	508	114	236	988	216	51	146	56	196	38
18	36	69	377	112	260	461	169	62	119	26	146	38
19	35	103	261	218	205	329	156	43	103	54	85	39
20	35	173	194	464	173	861	147	91	92	54	62	57
21	36	160	164	391	159	1270	141	105	87	29	75	48
22	38	120	160	266	339	933	137	95	87	41	58	39
23	36	98	152	201	498	463	133	108	125	64	66	37
24	36	87	139	175	391	336	128	97	209	51	46	53
25	37	148	129	157	281	283	139	83	146	1460	54	59
26	38	238	123	145	294	253	140	78	109	1840	55	105
27	39	201	94	152	269	224	128	73	98	1180	68	78
28	39	144	100	136	221	206	119	70	90	448	53	58
29	39	117	116	95	---	293	114	329	83	293	55	29
30	39	104	110	152	---	666	107	239	55	277	57	45
31	39	---	104	190	---	515	---	144	---	204	61	---
TOTAL	1252	2802	4414	4795	5412	17473	5874	3028	6215	7832	3175	1693
MEAN	40.4	93.4	142	155	193	564	196	97.7	207	253	102	56.4
MAX	61	238	508	464	498	1730	370	329	546	1840	196	105
MIN	18	40	59	92	96	169	107	43	55	26	46	29
CFSM	.23	.53	.81	.88	1.10	3.20	1.11	.55	1.18	1.44	.58	.32
IN.	.26	.59	.93	1.01	1.14	3.69	1.24	.64	1.31	1.66	.67	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2001, BY WATER YEAR (WY)

MEAN	157	222	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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1944 - 2001

ANNUAL TOTAL		37154		63965								
ANNUAL MEAN		102		175						238		
HIGHEST ANNUAL MEAN										411		1998
LOWEST ANNUAL MEAN										94.3		1988
HIGHEST DAILY MEAN		662		Mar 21		1840		Jul 26		6700		Jan 7 1946
LOWEST DAILY MEAN		13		Jul 22		18		Oct 11		7.5		Aug 10 1986
ANNUAL SEVEN-DAY MINIMUM		15		Jul 19		34		Oct 11		7.9		Aug 5 1986
MAXIMUM PEAK FLOW						2950		Jul 25		11200		Jan 6 1946
MAXIMUM PEAK STAGE						4.83		Jul 25		8.90		Jan 6 1946
ANNUAL RUNOFF (CFSM)		.58				1.00				1.35		
ANNUAL RUNOFF (INCHES)		7.85				13.52				18.36		
10 PERCENT EXCEEDS		194				337				412		
50 PERCENT EXCEEDS		82				108				150		
90 PERCENT EXCEEDS		23				41				58		

STATISTICS COMPUTED BY: gabailey

DATE: 01/29/2002 AT: 09:46:14

STATION NUMBER 02219000 APALACHEE RIVER NEAR BOSTWICK, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334717 LONGITUDE 0832827 DRAINAGE AREA 176.00 DATUM 544.14 STATE 13 COUNTY 219

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	1.57	1.40	1.79	1.80	2.09	2.16	2.52	1.90	2.41	1.77	2.06	1.52
2	1.54	1.39	1.76	1.79	1.99	2.13	2.38	1.88	2.83	1.89	1.97	1.67
3	1.50	1.39	1.76	1.77	1.94	2.23	2.38	1.88	2.67	1.79	1.93	1.64
4	1.47	1.39	1.78	1.76	1.93	3.12	2.57	1.87	2.76	2.64	1.95	1.66
5	1.44	1.41	1.74	1.77	1.91	3.00	2.58	1.81	2.70	2.16	2.09	1.71
6	1.43	1.44	1.74	1.77	1.88	2.66	2.44	1.82	2.41	2.01	1.98	1.69
7	1.45	1.44	1.72	1.77	1.86	2.40	2.36	1.71	2.36	1.82	2.00	1.62
8	1.46	1.45	1.71	1.84	1.91	2.29	2.30	1.73	2.37	1.72	1.95	1.58
9	1.45	1.58	1.74	2.01	1.90	2.21	2.26	1.66	2.12	1.81	1.87	1.57
10	1.40	1.81	1.54	1.96	1.76	2.05	2.23	1.78	2.10	1.60	1.79	1.55
11	1.09	1.90	1.69	1.88	1.87	2.10	2.20	1.81	2.12	1.60	1.85	1.53
12	1.34	1.76	1.70	1.91	1.93	2.31	2.16	1.80	2.12	1.56	1.89	1.51
13	1.36	1.63	1.76	2.00	1.98	3.44	2.14	1.77	2.53	1.54	1.84	1.51
14	1.36	1.60	1.74	1.97	2.00	3.15	2.13	1.74	2.32	1.40	1.80	1.48
15	1.36	1.57	1.81	1.92	1.94	3.86	2.19	1.63	2.19	1.57	1.83	1.44
16	1.35	1.56	2.50	1.88	1.95	3.85	2.30	1.73	2.09	1.68	1.78	1.40
17	1.35	1.57	2.77	1.87	2.26	3.27	2.27	1.54	2.01	1.51	2.16	1.38
18	1.34	1.62	2.56	1.86	2.33	2.71	2.14	1.59	1.92	1.29	1.99	1.37
19	1.33	1.81	2.33	2.11	2.19	2.51	2.09	1.48	1.82	1.52	1.73	1.38
20	1.33	2.09	2.15	2.70	2.09	3.08	2.07	1.82	1.76	1.51	1.55	1.55
21	1.34	2.05	2.06	2.59	2.04	3.52	2.05	1.90	1.73	1.33	1.64	1.47
22	1.37	1.89	2.05	2.34	2.43	3.22	2.03	1.84	1.71	1.46	1.51	1.39
23	1.35	1.79	2.02	2.18	2.75	2.72	2.02	1.91	1.96	1.60	1.57	1.37
24	1.34	1.74	1.97	2.10	2.59	2.52	2.00	1.86	2.25	1.48	1.44	1.50
25	1.35	1.99	1.93	2.04	2.38	2.42	2.04	1.78	2.04	3.32	1.52	1.56
26	1.37	2.27	1.91	1.98	2.41	2.36	2.04	1.75	1.86	3.97	1.53	1.84
27	1.38	2.18	1.74	2.01	2.34	2.29	2.00	1.72	1.79	3.44	1.59	1.69
28	1.38	1.99	1.79	1.96	2.22	2.24	1.96	1.70	1.75	2.68	1.46	1.56
29	1.38	1.88	1.88	1.73	---	2.41	1.94	2.48	1.69	2.41	1.47	1.26
30	1.38	1.82	1.85	1.97	---	2.97	1.91	2.33	1.57	2.37	1.49	1.45
31	1.38	---	1.82	2.14	---	2.79	---	2.03	---	2.19	1.53	---
MEAN	1.39	1.71	1.91	1.98	2.10	2.71	2.19	1.81	2.13	1.96	1.77	1.53
MAX	1.57	2.27	2.77	2.70	2.75	3.86	2.58	2.48	2.83	3.97	2.16	1.84
MIN	1.09	1.39	1.54	1.73	1.76	2.05	1.91	1.48	1.57	1.29	1.44	1.26

## ALTAMAHA RIVER BASIN

### 02220450 LAKE OCONEE NEAR EATONTON, GA

**LOCATION.**--Lat 33°21'00", long 83°09'28", Putnam County, Hydrologic Unit 03070101, on Oconee River, 1.5 miles upstream from bridge on State Highway 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://www.southernco.com/gapower/lakes/home.asp?mnuOpco=gpc&mnuType=main&mnuItem=oc>

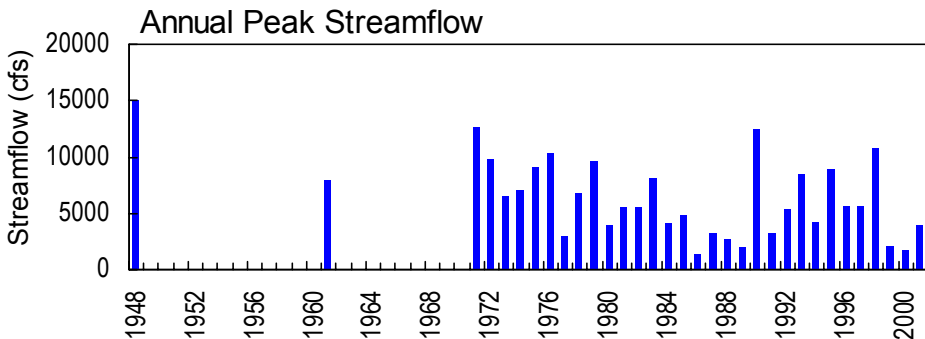
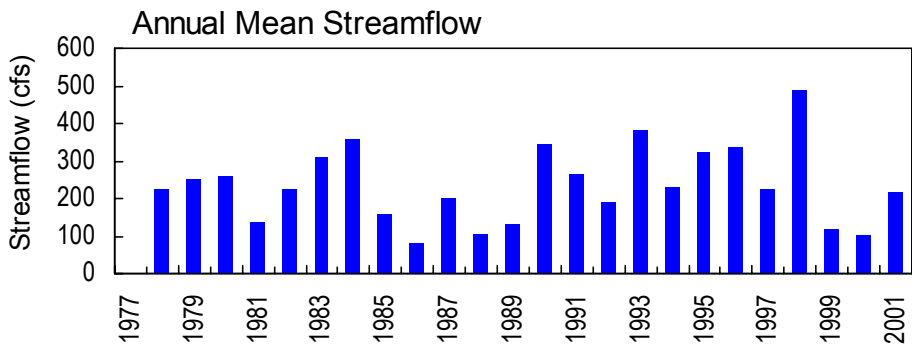
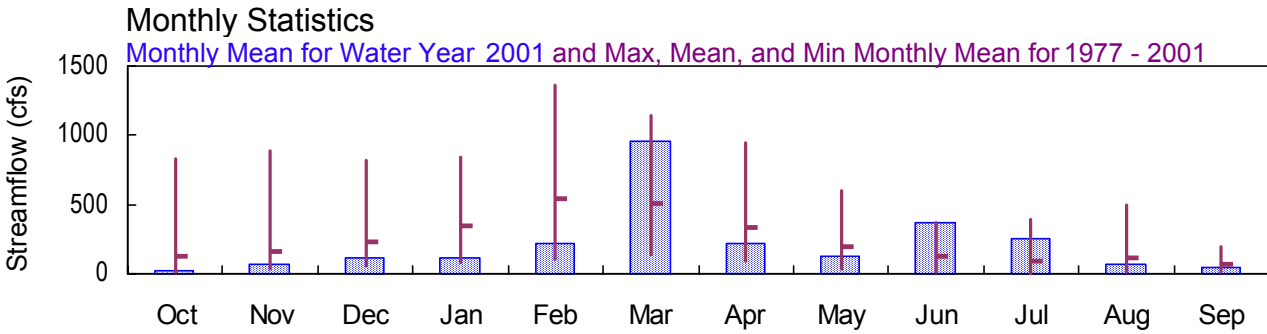
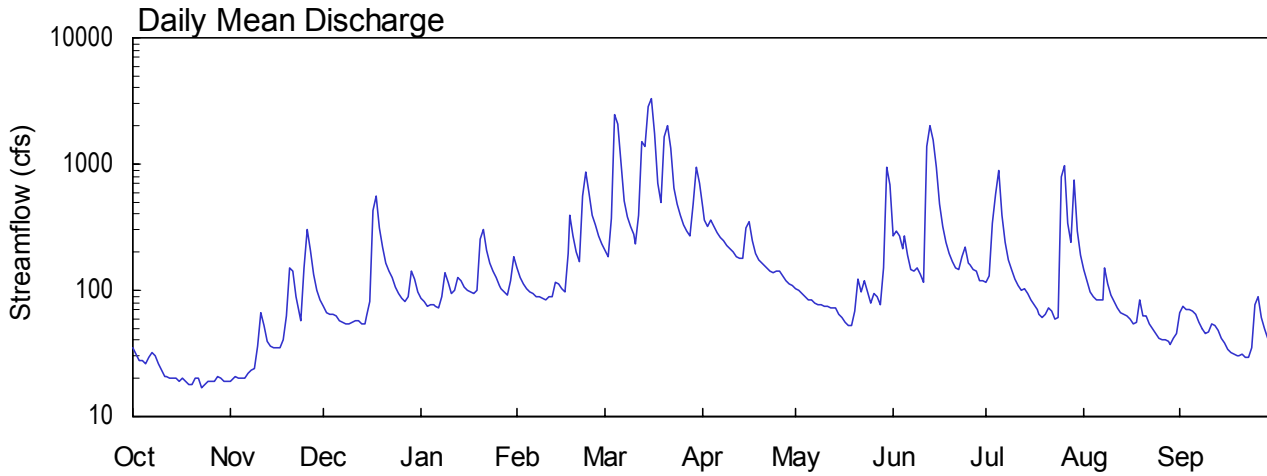
or call: 1-888-GPC-LAKE (1-888-472-5253)

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 356.0 feet Period of Record: 1977 - 2001





**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02220900 LITTLE RIVER NEAR EATONTON, GA**

**LOCATION.**--Lat 33°18'50", long 83°26'14", Putnam County, Hydrologic Unit 03070101, on right bank, 80.0 feet upstream from bridge on GA Highway 16, 0.9 miles downstream from Gladly Creek, and 3.0 miles west of Eatonton.

**DRAINAGE AREA.**--262 mi<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	0445	3,210	14.89
Mar. 15	1000	4,010*	16.66*
Mar. 20	1345	2,720	13.70
Jun. 12	1830	3,790	16.20

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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 sea level (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, 16.66 feet, March 15; minimum gage-height recorded, 3.37 feet, October 24.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--November 21, 2000 to June 11, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02220900 LITTLE RIVER NEAR EATONTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331850 LONGITUDE 0832614 DRAINAGE AREA 262.00 DATUM 356.03 STATE 13 COUNTY 237

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	35	19	74	86	152	208	461	104	267	116	147	67
2	31	20	67	81	126	184	358	101	291	129	118	75
3	28	21	65	74	113	374	323	95	271	342	98	71
4	28	20	64	78	103	2470	360	90	212	568	89	71
5	26	20	62	76	98	2050	320	85	268	898	85	69
6	29	20	58	74	93	1040	289	84	192	394	83	64
7	32	22	56	72	89	513	263	80	148	238	83	56
8	30	23	54	90	89	379	245	76	141	175	149	49
9	26	24	54	136	87	317	227	77	149	145	113	45
10	23	36	56	115	85	274	214	75	132	124	91	47
11	21	66	58	94	89	236	200	74	116	109	81	55
12	21	53	57	99	88	391	186	73	1370	99	72	53
13	20	39	54	128	116	1490	178	72	2040	103	67	48
14	20	36	54	119	114	1390	180	73	1530	94	64	42
15	20	35	62	106	103	2860	310	65	951	84	63	38
16	19	35	81	100	98	3260	351	61	476	77	59	34
17	20	35	427	96	198	1720	249	56	324	71	55	32
18	19	40	556	93	394	697	194	52	240	64	56	31
19	18	63	315	99	269	493	173	53	194	61	84	30
20	18	149	219	251	200	1630	163	69	167	64	63	30
21	20	140	163	302	168	2000	154	123	149	73	62	31
22	20	88	140	208	555	1320	146	96	148	68	54	29
23	17	66	125	166	873	648	141	118	182	60	49	29
24	18	57	105	141	598	477	136	98	221	61	45	35
25	19	149	94	125	389	394	140	80	164	797	42	77
26	19	299	87	110	329	335	143	94	158	976	40	89
27	19	207	82	102	273	296	130	88	147	341	40	61
28	21	133	89	96	234	272	120	78	142	243	39	49
29	20	100	140	91	---	479	112	149	120	740	37	42
30	19	84	122	119	---	939	108	934	120	291	42	38
31	19	---	96	183	---	701	---	688	---	191	45	---
TOTAL	695	2099	3736	3710	6123	29837	6574	4061	11030	7796	2215	1487
MEAN	22.4	70.0	121	120	219	962	219	131	368	251	71.5	49.6
MAX	35	299	556	302	873	3260	461	934	2040	976	149	89
MIN	17	19	54	72	85	184	108	52	116	60	37	29
CFSM	.09	.27	.46	.46	.83	3.67	.84	.50	1.40	.96	.27	.19
IN.	.10	.30	.53	.53	.87	4.24	.93	.58	1.57	1.11	.31	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2001, BY WATER YEAR (WY)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	124	164	227	347	540	513	336	193	128	97.2	119	68.2													
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	9.31	13.9													
(WY)	1988	1988	1989	1981	1989	1988	1986	2000	2000	2000	1988	1987													

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1977 - 2001

ANNUAL TOTAL	38475.12	79363		
ANNUAL MEAN	105	217		236
HIGHEST ANNUAL MEAN				488
LOWEST ANNUAL MEAN				81.9
HIGHEST DAILY MEAN	1540	Jan 11	3260	Mar 16
LOWEST DAILY MEAN	.17	Jul 21	17	Oct 23
ANNUAL SEVEN-DAY MINIMUM	.30	Jul 18	19	Oct 18
MAXIMUM PEAK FLOW			4010	Mar 15
MAXIMUM PEAK STAGE			16.66	Mar 15
ANNUAL RUNOFF (CFSM)	.40		.83	.90
ANNUAL RUNOFF (INCHES)	5.46		11.27	12.25
10 PERCENT EXCEEDS	231		441	463
50 PERCENT EXCEEDS	53		96	116
90 PERCENT EXCEEDS	4.2		29	29

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/06/2002 AT: 12:27:56

STATION NUMBER 02220900 LITTLE RIVER NEAR EATONTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331850 LONGITUDE 0832614 DRAINAGE AREA 262.00 DATUM 356.03 STATE 13 COUNTY 237

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	3.64	3.41	4.09	4.29	4.83	5.21	6.48	4.32	5.43	4.41	4.64	3.95
2	3.59	3.43	4.02	4.24	4.63	5.05	5.94	4.29	5.57	4.50	4.42	4.04
3	3.55	3.44	4.00	4.17	4.53	6.03	5.76	4.24	5.45	5.84	4.26	4.00
4	3.54	3.42	3.99	4.21	4.45	13.05	5.96	4.19	5.09	6.97	4.17	4.00
5	3.51	3.42	3.96	4.19	4.40	11.96	5.74	4.14	5.43	8.31	4.13	3.98
6	3.56	3.43	3.93	4.17	4.36	8.78	5.56	4.13	4.96	6.12	4.11	3.93
7	3.61	3.46	3.91	4.15	4.32	6.78	5.41	4.09	4.65	5.24	4.11	3.85
8	3.58	3.47	3.89	4.32	4.32	6.15	5.30	4.05	4.59	4.84	4.63	3.77
9	3.52	3.49	3.88	4.71	4.30	5.84	5.19	4.06	4.65	4.63	4.37	3.72
10	3.47	3.66	3.90	4.54	4.28	5.60	5.11	4.04	4.53	4.47	4.19	3.74
11	3.45	4.00	3.93	4.37	4.32	5.39	5.02	4.03	4.40	4.35	4.09	3.83
12	3.44	3.87	3.92	4.42	4.31	6.04	4.92	4.02	8.78	4.27	4.00	3.81
13	3.43	3.70	3.88	4.65	4.55	10.33	4.87	4.01	11.87	4.30	3.95	3.75
14	3.43	3.66	3.89	4.58	4.54	9.99	4.88	4.02	10.45	4.21	3.92	3.68
15	3.42	3.65	3.97	4.47	4.45	13.81	5.62	3.94	8.49	4.12	3.92	3.63
16	3.42	3.65	4.16	4.42	4.40	14.98	5.91	3.90	6.54	4.05	3.88	3.58
17	3.43	3.65	6.30	4.39	5.09	10.92	5.32	3.85	5.75	3.99	3.83	3.55
18	3.41	3.72	6.94	4.36	6.23	7.53	4.98	3.80	5.26	3.92	3.84	3.53
19	3.40	3.97	5.76	4.41	5.57	6.63	4.83	3.81	4.97	3.89	4.13	3.52
20	3.39	4.72	5.21	5.45	5.15	10.38	4.76	3.98	4.78	3.91	3.92	3.52
21	3.43	4.65	4.86	5.76	4.94	11.82	4.70	4.47	4.66	4.01	3.90	3.53
22	3.42	4.23	4.71	5.21	6.77	9.74	4.65	4.25	4.64	3.96	3.82	3.51
23	3.38	4.01	4.61	4.93	8.24	7.33	4.61	4.43	4.88	3.88	3.76	3.51
24	3.39	3.91	4.46	4.75	7.13	6.55	4.57	4.26	5.14	3.88	3.72	3.59
25	3.41	4.66	4.37	4.62	6.20	6.14	4.60	4.09	4.76	7.63	3.67	4.04
26	3.40	5.67	4.30	4.51	5.90	5.82	4.62	4.23	4.72	8.59	3.65	4.18
27	3.40	5.11	4.25	4.44	5.60	5.60	4.52	4.17	4.64	5.85	3.65	3.89
28	3.44	4.60	4.32	4.38	5.37	5.46	4.45	4.07	4.61	5.27	3.64	3.77
29	3.42	4.34	4.74	4.34	---	6.44	4.38	4.60	4.44	7.62	3.62	3.69
30	3.41	4.19	4.60	4.57	---	8.49	4.35	8.39	4.43	5.55	3.68	3.63
31	3.41	---	4.39	5.04	---	7.55	---	7.38	---	4.94	3.72	---

STATION NUMBER 02220900 LITTLE RIVER NEAR EATONTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331850 LONGITUDE 0832614 DRAINAGE AREA 262.00 DATUM 356.03 STATE 13 COUNTY 237

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

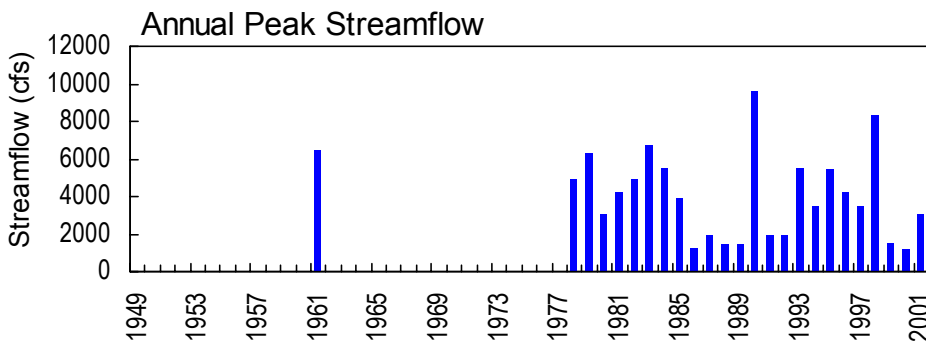
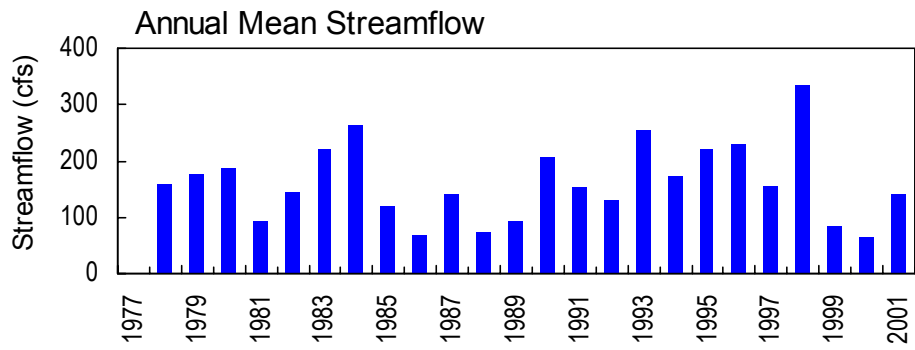
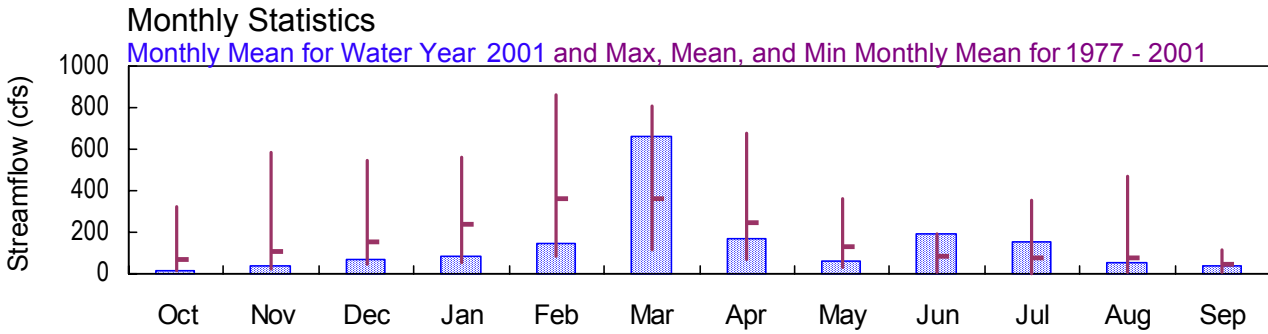
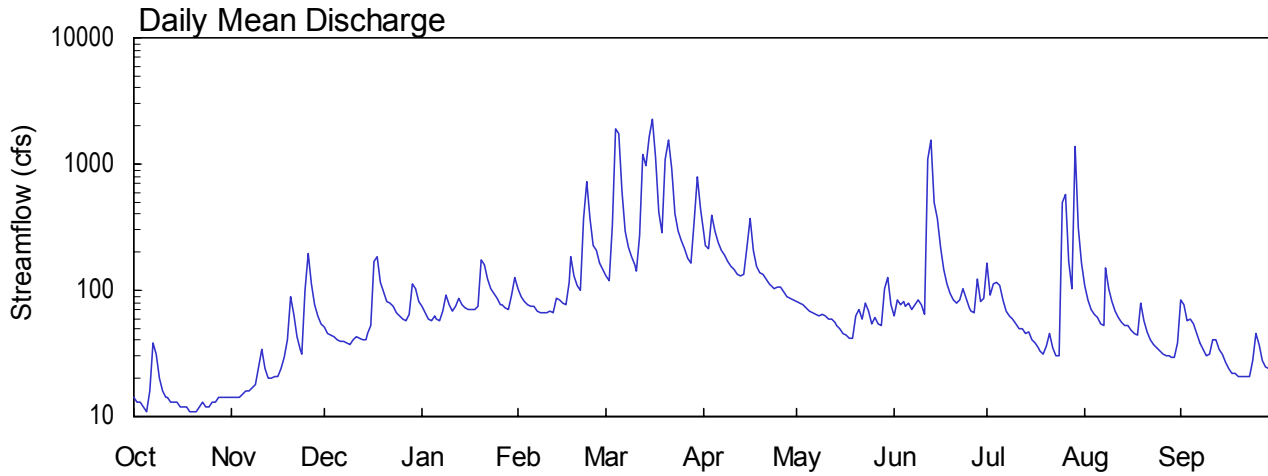
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	.00	.00	.00	.00	.00	.00	.27	---	---	---
2	---	---	.00	.00	.00	.71	.00	.00	.00	---	---	---
3	---	---	.06	.00	.00	2.49	.60	.00	.33	---	---	---
4	---	---	.00	.00	.00	.14	.00	.00	.02	---	---	---
5	---	---	.00	.00	.00	.00	.06	.00	.00	---	---	---
6	---	---	.00	.00	.00	.00	.01	.00	.61	---	---	---
7	---	---	.00	.03	.00	.00	.00	.00	.06	---	---	---
8	---	---	.00	.61	.00	.00	.00	.00	.14	---	---	---
9	---	---	.09	.00	.00	.00	.00	.02	.15	---	---	---
10	---	---	.01	.00	.06	.00	.00	.00	.00	---	---	---
11	---	---	.00	.06	.00	.00	.00	.07	.11	---	---	---
12	---	---	.00	.28	.29	1.83	.00	.00	---	---	---	---
13	---	---	.03	.00	.02	.00	.13	.00	---	---	---	---
14	---	---	.12	.00	.01	.40	.00	.00	---	---	---	---
15	---	---	.16	.03	.00	1.78	1.84	.00	---	---	---	---
16	---	---	.69	.13	.40	.00	.00	.00	---	---	---	---
17	---	---	.02	.01	.29	.00	.00	.00	---	---	---	---
18	---	---	.00	.00	.00	.00	.00	.00	---	---	---	---
19	---	---	.20	3.64	.00	.23	.00	.87	---	---	---	---
20	---	---	.00	.01	.00	1.95	.00	.04	---	---	---	---
21	---	.00	.12	.00	.00	.00	.00	.00	---	---	---	---
22	---	.00	.01	.00	1.64	.00	.00	.51	---	---	---	---
23	---	.00	.00	.00	.00	.00	.00	.00	---	---	---	---
24	---	.38	.00	.00	.00	.00	.03	.01	---	---	---	---
25	---	.96	.00	.00	.11	.06	.37	.03	---	---	---	---
26	---	.00	.00	.00	.00	.00	.00	.00	---	---	---	---
27	---	.00	.09	.00	.03	.00	.00	.09	---	---	---	---
28	---	.00	.64	.00	.02	.00	.00	.11	---	---	---	---
29	---	.00	.00	.00	---	1.22	.00	1.26	---	---	---	---
30	---	.00	.00	.64	---	.01	.00	.00	---	---	---	---
31	---	---	.00	.00	---	.00	---	.00	---	---	---	---
TOTAL	---	---	2.24	5.44	2.87	10.82	3.04	3.01	---	---	---	---

# ALTAMAHA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 375.1 feet Period of Record: 1977 - 2001



02221525 - Murder Creek below Eatonton, GA

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02221525 MURDER CREEK BELOW EATONTON, GA**

**LOCATION.**--Lat 33°15'08", long 83°28'53", 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<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	0400	2,130	5.11
Mar. 16	1500	2,480	5.54
Jun. 12	1715	3,030*	6.18*
Jul. 29	1000	2,270	5.28

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02221525 MURDER CREEK BELOW EATONTON, GA--continued.**

**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 sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 6.18 feet, June 12; minimum gage-height recorded, 1.27 feet, October 5-6, 19-21.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—November 21, 2000 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.



STATION NUMBER 02221525 MURDER CREEK BELOW EATONTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331508 LONGITUDE 0832853 DRAINAGE AREA 190.00 DATUM 375.09 STATE 13 COUNTY 237

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	14	14	51	75	102	130	287	81	63	163	109	83
2	13	14	46	67	88	119	223	80	83	92	84	78
3	13	14	44	60	82	327	214	77	78	113	71	57
4	12	14	43	58	77	1920	389	72	81	117	64	59
5	11	15	40	63	74	1730	295	69	74	109	61	55
6	16	16	39	59	75	607	237	67	79	85	54	45
7	38	16	39	57	69	296	209	65	70	69	53	38
8	31	17	38	69	67	220	188	63	76	62	149	34
9	20	18	37	92	66	184	171	65	84	59	102	30
10	16	25	40	76	67	159	156	63	76	54	81	31
11	14	34	43	68	68	143	145	60	64	50	69	40
12	14	24	42	74	66	266	135	59	1100	49	61	40
13	13	20	40	86	87	1180	130	56	1530	46	56	34
14	13	20	40	78	85	961	135	53	499	47	53	31
15	13	21	46	72	80	1640	220	49	373	41	52	27
16	12	21	52	71	77	2230	376	46	219	38	48	24
17	12	24	171	71	117	1120	209	44	148	35	45	22
18	12	29	186	70	186	413	155	42	113	33	44	22
19	11	41	116	74	131	288	137	42	95	31	80	21
20	11	88	98	173	110	1100	134	62	83	36	58	21
21	11	65	82	161	100	1560	122	70	80	46	47	21
22	12	43	79	121	376	917	114	60	84	35	41	21
23	13	34	74	102	725	411	108	79	103	30	37	21
24	12	31	66	93	371	298	102	68	87	30	35	28
25	12	99	63	86	226	250	106	55	72	492	33	46
26	13	198	60	78	206	211	106	61	68	580	31	37
27	13	112	58	76	166	181	97	55	66	e170	30	28
28	14	77	64	72	144	163	90	53	122	104	30	25
29	14	62	114	70	---	350	87	104	82	1390	29	24
30	14	55	102	91	---	800	83	125	87	311	29	22
31	14	---	82	127	---	440	---	77	---	165	38	---
TOTAL	451	1261	2095	2590	4088	20614	5160	2022	5839	4682	1774	1065
MEAN	14.5	42.0	67.6	83.5	146	665	172	65.2	195	151	57.2	35.5
MAX	38	198	186	173	725	2230	389	125	1530	1390	149	83
MIN	11	14	37	57	66	119	83	42	63	30	29	21
CFSM	.08	.22	.36	.44	.77	3.50	.91	.34	1.02	.79	.30	.19
IN.	.09	.25	.41	.51	.80	4.04	1.01	.40	1.14	.92	.35	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2001, BY WATER YEAR (WY)

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	72.4	110	151	239	365	362	244	134	81.3	76.5	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	43.7	56.2	81.5	119	70.5	32.4	10.3	2.04	8.53	11.3													
(WY)	1988	1982	1988	1989	1989	1989	1986	2000	2000	2000	1988	1999													

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1977 - 2001

ANNUAL TOTAL	23825.96	51641		
ANNUAL MEAN	65.1	141	163	
HIGHEST ANNUAL MEAN			335	1998
LOWEST ANNUAL MEAN			64.8	2000
HIGHEST DAILY MEAN	909	Jan 11	2230	Mar 16
LOWEST DAILY MEAN	.23	Jul 22	11	Oct 5
ANNUAL SEVEN-DAY MINIMUM	.60	Jul 17	12	Oct 16
MAXIMUM PEAK FLOW			3030	Jun 12
MAXIMUM PEAK STAGE			6.18	Jun 12
ANNUAL RUNOFF (CFSM)	.34		.74	
ANNUAL RUNOFF (INCHES)	4.66		10.11	
10 PERCENT EXCEEDS	131		256	299
50 PERCENT EXCEEDS	36		69	82
90 PERCENT EXCEEDS	3.8		18	24

STATISTICS COMPUTED BY: kerestes DATE: 02/23/2002 AT: 08:26:04

e Estimated

STATION NUMBER 02221525 MURDER CREEK BELOW EATONTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331508 LONGITUDE 0832853 DRAINAGE AREA 190.00 DATUM 375.09 STATE 13 COUNTY 237

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	1.33	1.33	1.67	1.82	1.96	2.08	2.52	1.86	1.76	2.15	1.96	1.82
2	1.31	1.33	1.64	1.78	1.89	2.03	2.37	1.85	1.87	1.88	1.84	1.81
3	1.30	1.33	1.62	1.73	1.86	2.54	2.34	1.83	1.84	1.96	1.77	1.70
4	1.29	1.33	1.61	1.71	1.83	4.85	2.74	1.81	1.86	1.99	1.73	1.71
5	1.28	1.34	1.59	1.76	1.82	4.62	2.54	1.79	1.82	1.96	1.71	1.69
6	1.35	1.35	1.58	1.73	1.82	3.08	2.41	1.78	1.85	1.85	1.66	1.62
7	1.61	1.36	1.58	1.72	1.79	2.55	2.33	1.77	1.80	1.76	1.66	1.57
8	1.55	1.37	1.57	1.79	1.78	2.36	2.27	1.75	1.83	1.72	2.09	1.53
9	1.41	1.39	1.56	1.91	1.77	2.26	2.22	1.77	1.88	1.69	1.93	1.50
10	1.36	1.48	1.58	1.83	1.78	2.18	2.17	1.75	1.83	1.66	1.83	1.51
11	1.33	1.58	1.61	1.79	1.78	2.13	2.13	1.73	1.76	1.63	1.76	1.59
12	1.32	1.47	1.60	1.82	1.77	2.38	2.10	1.73	3.43	1.62	1.71	1.59
13	1.31	1.42	1.58	1.88	1.89	3.90	2.08	1.71	4.33	1.61	1.68	1.54
14	1.31	1.42	1.59	1.84	1.88	3.59	2.10	1.69	2.90	1.61	1.65	1.51
15	1.30	1.43	1.64	1.81	1.85	4.47	2.31	1.65	2.69	1.56	1.65	1.47
16	1.29	1.43	1.68	1.80	1.84	5.23	2.71	1.64	2.34	1.53	1.62	1.43
17	1.29	1.47	2.19	1.80	2.01	3.79	2.33	1.62	2.11	1.51	1.60	1.41
18	1.29	1.53	2.26	1.80	2.26	2.78	2.17	1.60	1.98	1.49	1.59	1.40
19	1.28	1.64	2.02	1.82	2.08	2.53	2.10	1.60	1.90	1.47	1.81	1.40
20	1.27	1.94	1.94	2.22	2.00	3.71	2.09	1.74	1.84	1.52	1.69	1.39
21	1.28	1.81	1.86	2.18	1.95	4.40	2.05	1.80	1.82	1.60	1.61	1.39
22	1.29	1.66	1.84	2.04	2.58	3.52	2.01	1.74	1.84	1.51	1.56	1.39
23	1.30	1.58	1.82	1.96	3.26	2.78	1.99	1.84	1.94	1.46	1.53	1.39
24	1.29	1.55	1.77	1.92	2.69	2.55	1.96	1.78	1.86	1.46	1.51	1.48
25	1.30	1.92	1.75	1.88	2.38	2.44	1.98	1.70	1.78	2.70	1.49	1.65
26	1.31	2.30	1.73	1.84	2.32	2.34	1.98	1.74	1.75	3.00	1.47	1.57
27	1.31	2.00	1.72	1.83	2.20	2.25	1.93	1.70	1.74	---	1.46	1.48
28	1.32	1.83	1.76	1.81	2.13	2.20	1.91	1.69	2.01	1.94	1.46	1.45
29	1.32	1.74	2.01	1.80	---	2.57	1.89	1.95	1.83	4.14	1.45	1.43
30	1.32	1.70	1.96	1.90	---	3.37	1.87	2.05	1.85	2.56	1.45	1.40
31	1.33	---	1.86	2.06	---	2.82	---	1.83	---	2.17	1.54	---
MEAN	1.33	1.57	1.75	1.86	2.04	3.04	2.19	1.76	2.07	---	1.66	1.53
MAX	1.61	2.30	2.26	2.22	3.26	5.23	2.74	2.05	4.33	---	2.09	1.82
MIN	1.27	1.33	1.56	1.71	1.77	2.03	1.87	1.60	1.74	---	1.45	1.39

STATION NUMBER 02221525 MURDER CREEK BELOW EATONTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331508 LONGITUDE 0832853 DRAINAGE AREA 190.00 DATUM 375.09 STATE 13 COUNTY 237

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	---	---	.00	.00	.00	.00	.00	.00	.40	.00	.00	.26
2	---	---	.01	.00	.00	.47	.00	.00	.00	.01	.00	---
3	---	---	.00	.00	.00	2.50	.77	.00	.51	1.19	.00	---
4	---	---	.00	.00	.00	.05	.00	.00	.02	.03	.00	---
5	---	---	.00	.00	.00	.00	.03	.00	.01	.00	.00	---
6	---	---	.00	.00	.00	.00	.00	.00	.01	.00	.03	---
7	---	---	.00	.04	.00	.00	.00	.00	.85	.00	.01	---
8	---	---	.00	.50	.00	.00	.00	.00	.46	.00	.00	---
9	---	---	---	.00	.00	.01	.00	.00	.39	.00	.00	---
10	---	---	---	.00	.10	.00	.00	.00	.00	.00	.00	---
11	---	---	.00	.06	.00	.00	.00	.00	.02	.00	.00	---
12	---	---	.00	.26	.35	2.13	.00	.00	5.71	.00	.00	---
13	---	---	.03	.00	.11	.00	.32	.00	.21	.00	.00	---
14	---	---	.18	.00	.01	.38	.00	.00	.06	.00	.01	---
15	---	---	.10	.00	.00	1.67	.84	.00	.27	.00	.00	---
16	---	---	.84	.16	.46	.00	.00	.00	.00	.00	.00	---
17	---	---	.00	.01	.22	.00	.00	.00	.00	.00	.00	---
18	---	---	.00	.00	.00	.00	.00	.00	.00	.00	.11	---
19	---	---	.17	1.13	.00	.25	.00	.72	.00	.02	.20	---
20	---	---	.00	.01	.00	2.27	.00	.04	.00	.00	.00	---
21	---	---	.14	.00	.00	.00	.00	.00	.29	.00	.00	---
22	---	.00	.00	.00	1.58	.00	.00	.16	.52	.00	.00	---
23	---	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	---
24	---	.00	.00	.00	.00	.00	.02	.03	.00	1.73	.00	---
25	---	.00	.00	.00	.11	.10	.35	.00	.00	1.61	.00	---
26	---	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	---
27	---	.00	.08	.00	.03	.00	.00	.01	.00	.00	.00	---
28	---	.00	.95	.00	.03	.00	.00	.03	.00	1.59	.00	---
29	---	.00	.00	.00	---	1.59	.00	1.71	.09	.07	.00	---
30	---	.00	.00	.71	---	.01	.00	.00	2.87	.00	.01	---
31	---	---	.00	.01	---	.00	---	.01	---	.00	.92	---
TOTAL	---	---	---	2.89	3.02	11.43	2.33	2.71	12.69	6.25	1.29	---

## ALTAMAHA RIVER BASIN

### 02222500 SINCLAIR RESERVOIR NEAR MILLEDGEVILLE, GA

**LOCATION.**--Lat 33°08'27", long 83°12'08", Baldwin County, Hydrologic Unit 03070101, on Oconee River, 1.5 miles upstream from Georgia Railroad bridge, and 4 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://www.southernco.com/gapower/lakes/home.asp?mnuOpco=gpc&mnuType=main&mnulItem=oc>

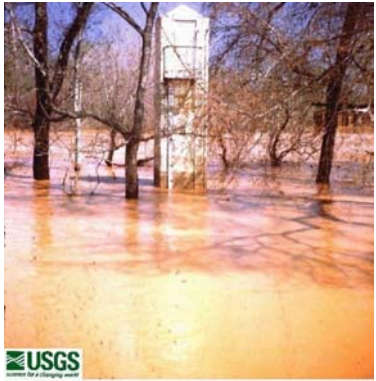
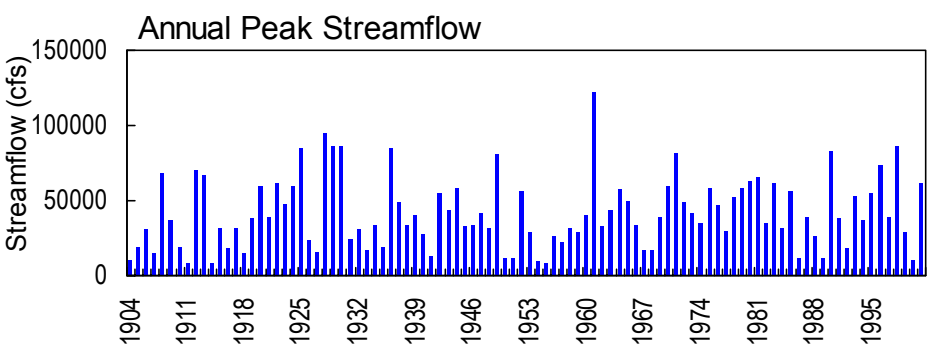
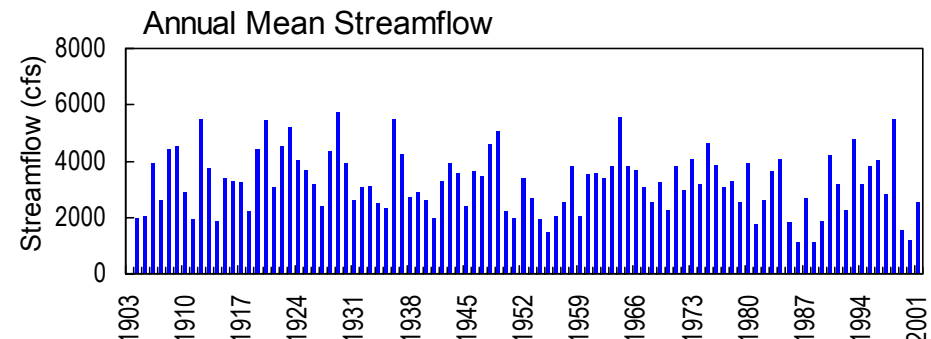
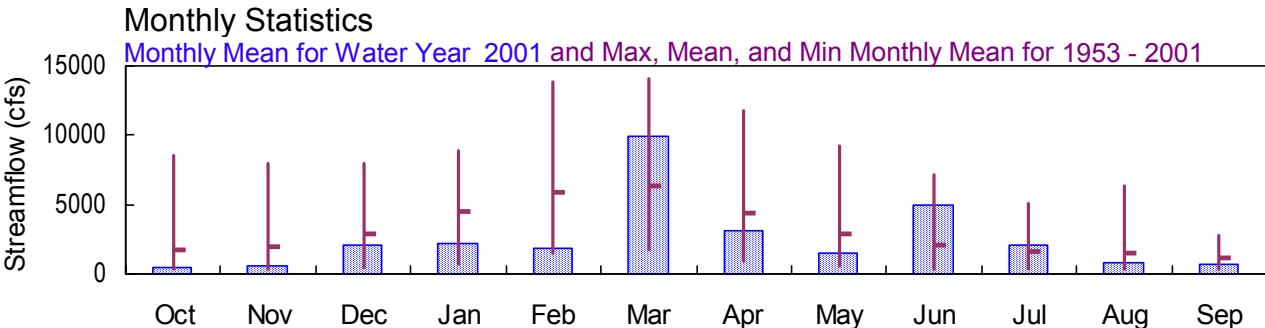
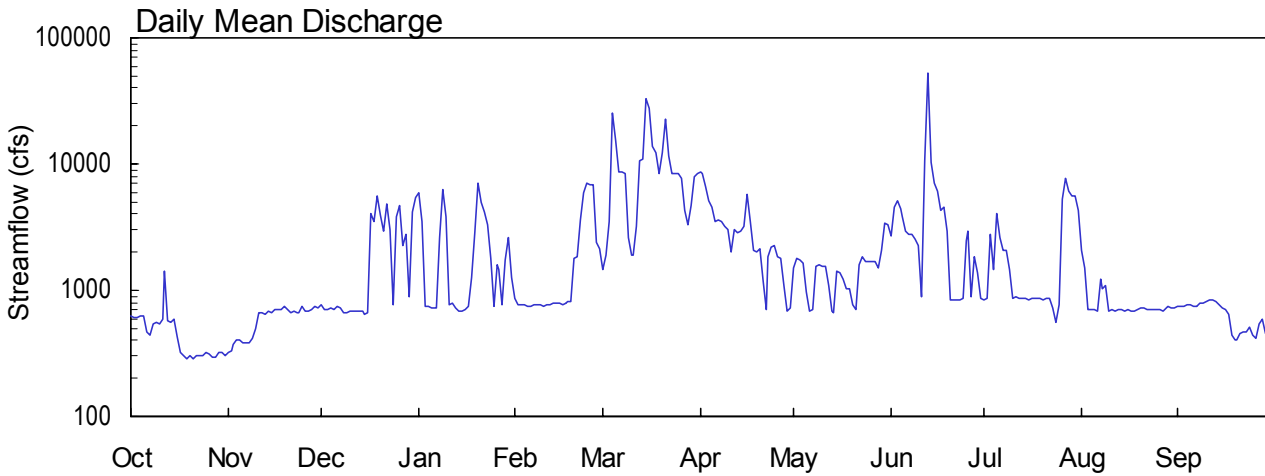
or call: 1-888-GPC-LAKE (1-888-472-5253)

# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02223000 OCONEE RIVER AT MILLEDGEVILLE, GA

Latitude: 33° 05' 22" Longitude: 83° 12' 56" Hydrologic Unit Code: 03070102 Baldwin County  
 Drainage Area: 2950 mi<sup>2</sup> Datum: 230.8 feet Period of Record: 1953 - 2001



02223000 - Oconee River at Milledgeville, GA

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02223000 OCONEE RIVER AT MILLEDGEVILLE, GA**

**LOCATION.**--Lat 33°05'22", long 83°12'56", Baldwin County, Hydrologic Unit 03070102, 0.5 miles upstream from bridge on GA Highway 24, 3.8 miles downstream from Sinclair Dam, and at mile 139.1.

**DRAINAGE AREA.**--2,950 mi<sup>2</sup>, 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 sea level. 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. Average discharge adjusted for storage published from 1953 to 1999.

**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.

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02223000 OCONEE RIVER AT MILLEDGEVILLE, GA—continued.**

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--September 1903 to current water year.

**GAGE.**--Satellite telemetry with a water-stage recorder. Datum of gage is 230.84 feet above sea level. 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, 33.85 feet, June 13; minimum gage-height recorded, 7.42 feet, October 17, 19, 21.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--November 22, 2000 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.





STATION NUMBER 02223000 OCONEE RIVER AT MILLEDGEVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 330522 LONGITUDE 0831256 DRAINAGE AREA 2950.0 DATUM 230.84 STATE 13 COUNTY 009

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	8.02	7.51	8.29	11.09	8.13	8.73	12.45	8.79	9.75	8.20	9.23	8.23
2	8.01	7.54	8.18	9.66	8.02	9.18	12.42	9.05	10.78	8.22	8.84	8.22
3	8.01	7.61	8.18	7.98	8.02	10.18	11.74	9.03	11.05	9.71	8.21	8.23
4	8.03	7.69	8.22	8.00	8.03	20.78	10.99	8.96	10.70	8.73	8.19	8.24
5	8.04	7.69	8.20	7.97	7.99	16.03	10.73	8.22	10.42	10.72	8.19	8.24
6	7.71	7.64	8.25	7.95	7.99	12.49	10.26	7.90	9.90	9.62	8.17	8.22
7	7.68	7.64	8.22	7.98	8.01	12.47	10.28	7.94	9.77	9.28	8.71	8.21
8	7.87	7.65	8.13	9.19	8.01	12.40	10.26	8.86	9.79	9.23	8.55	8.25
9	7.90	7.71	8.13	11.47	8.01	9.58	10.05	8.90	9.64	8.77	8.60	8.27
10	7.88	7.86	8.15	10.00	8.00	9.17	9.89	8.84	9.42	8.22	8.18	8.30
11	7.98	8.14	8.17	8.01	8.02	9.17	9.22	8.87	8.16	8.25	8.21	8.33
12	8.70	8.12	8.15	8.05	8.03	9.87	9.90	8.36	13.05	8.20	8.18	8.29
13	7.98	8.09	8.16	7.96	8.06	13.60	9.82	7.90	31.16	8.20	8.21	8.27
14	7.97	8.15	8.17	7.91	8.05	13.83	9.88	7.88	14.00	8.23	8.20	8.19
15	8.01	8.14	8.10	7.92	8.05	23.81	9.93	8.72	12.33	8.19	8.18	8.12
16	7.72	8.17	8.12	7.95	8.03	22.34	11.32	8.68	11.92	8.22	8.19	8.09
17	7.52	8.19	10.35	8.00	8.04	15.21	10.18	8.55	11.05	8.23	8.18	7.98
18	7.47	8.19	9.79	8.39	8.07	14.46	9.29	8.34	11.08	8.22	8.17	7.62
19	7.44	8.25	11.18	9.43	8.09	12.43	9.26	8.35	10.24	8.21	8.21	7.55
20	7.47	8.19	10.19	11.89	8.73	14.47	9.31	8.02	8.19	8.20	8.23	7.55
21	7.44	8.13	9.51	10.51	8.87	20.00	8.45	7.94	8.20	8.22	8.22	7.62
22	7.48	8.15	10.64	10.26	9.97	14.18	7.94	8.91	8.20	8.23	8.21	7.64
23	7.47	8.14	9.54	9.83	11.29	12.45	8.94	9.13	8.19	8.01	8.21	7.64
24	7.47	8.14	8.01	8.79	11.87	12.44	9.36	8.98	8.20	7.78	8.20	7.72
25	7.51	8.24	9.99	8.00	11.81	12.43	9.41	8.98	9.46	8.10	8.19	7.59
26	7.49	8.15	10.56	8.60	11.83	12.09	9.14	8.98	9.88	11.20	8.19	7.52
27	7.46	8.15	9.10	8.52	9.18	10.61	9.08	8.98	8.25	---	8.18	7.74
28	7.45	8.19	9.41	8.02	9.00	10.08	8.36	8.83	9.04	11.95	8.23	7.81
29	7.51	8.26	8.17	8.69	---	10.67	7.91	9.27	8.78	11.76	8.25	7.57
30	7.51	8.23	10.24	9.31	---	12.20	7.95	10.18	8.21	11.74	8.21	7.61
31	7.48	---	10.89	8.37	---	12.45	---	10.11	---	11.00	8.21	---
MEAN	7.73	8.00	8.98	8.89	8.76	13.22	9.79	8.72	10.63	---	8.29	7.96
MAX	8.70	8.26	11.18	11.89	11.87	23.81	12.45	10.18	31.16	---	9.23	8.33
MIN	7.44	7.51	8.01	7.91	7.99	8.73	7.91	7.88	8.16	---	8.17	7.52

STATION NUMBER 02223000 OCONEE RIVER AT MILLEDGEVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 330522 LONGITUDE 0831256 DRAINAGE AREA 2950.0 DATUM 230.84 STATE 13 COUNTY 009

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

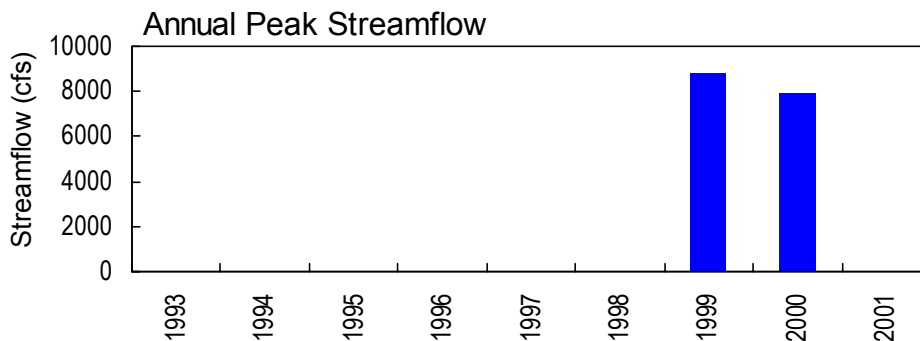
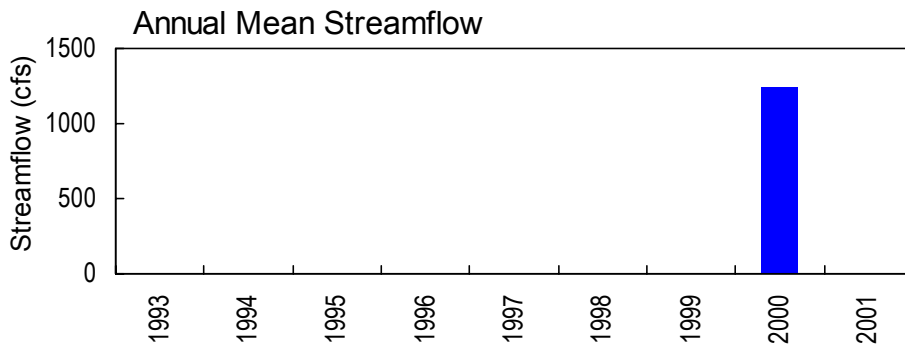
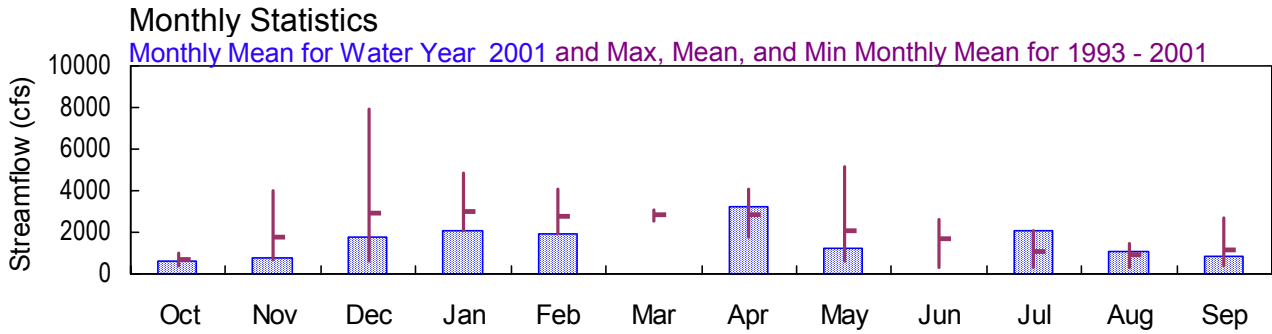
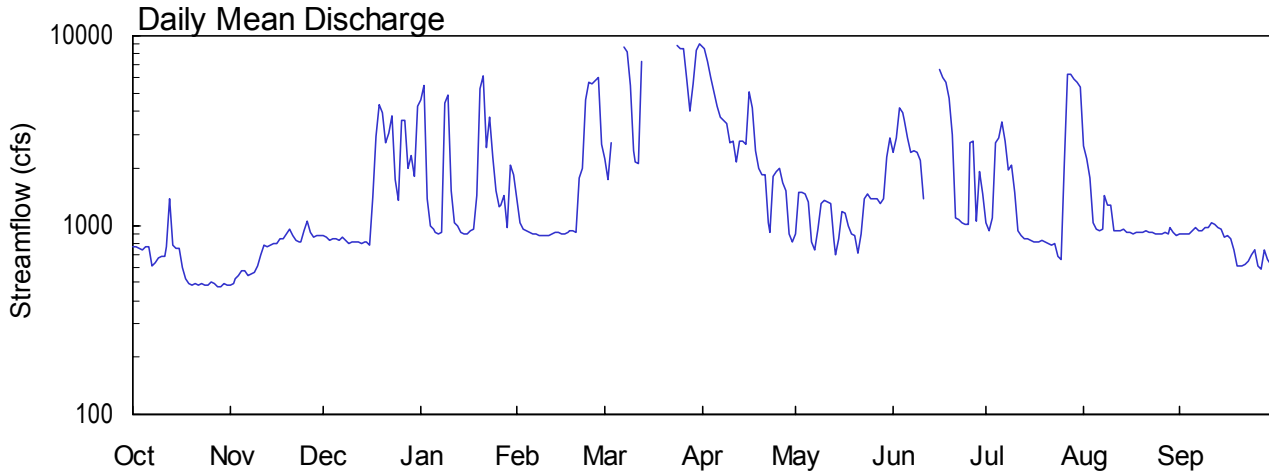
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	.00	.00	.00	.00	.00	.00	.86	.00	.00	.01
2	---	---	.01	.00	.00	1.70	.00	.00	.00	.00	.00	.00
3	---	---	.06	.00	.00	2.97	.54	.00	.19	.70	.00	.15
4	---	.00	.00	.00	.07	.10	.00	.00	.00	1.06	.00	.08
5	---	.00	.00	.00	.00	.00	.02	.00	.00	.18	.00	.00
6	---	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	---	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	---	.00	.00	.51	.00	.00	.00	.00	1.13	.00	.01	.00
9	---	.00	.14	.00	.00	.02	.00	.00	.62	.00	.00	.23
10	---	---	.00	.00	.18	.00	.00	.00	.00	.00	.00	.91
11	---	---	.00	.03	.00	.00	.00	.00	.00	.00	.28	.28
12	---	---	.00	.26	.25	1.98	.00	.05	3.07	.00	.00	.01
13	---	---	.02	.00	.06	.00	.01	.00	.20	.00	.46	.00
14	---	---	.11	.00	.00	.24	.00	.00	.39	.00	.06	.00
15	---	---	.12	.03	.00	1.28	.49	.00	.01	.00	.00	.00
16	---	---	.68	.40	.26	.00	.00	.00	.00	.00	.00	.00
17	---	---	.00	.02	.34	.00	.00	.00	.00	.00	.01	.00
18	---	---	.00	.00	.00	.00	.00	.00	.00	.00	.16	.00
19	---	---	.13	1.49	.00	.33	.00	.25	.00	.00	.25	.00
20	---	---	.00	.01	.00	1.23	.00	.06	.00	.00	.03	.00
21	---	---	.05	.00	.00	.00	.00	.00	.12	.00	.00	.00
22	---	.00	.00	.00	1.44	.00	.00	.31	.04	.00	.00	.00
23	---	.00	---	.00	.00	.00	.00	.00	.00	.80	.00	.48
24	---	.38	---	.00	.00	.00	.09	.00	.00	.31	.00	1.36
25	---	1.27	---	.00	.22	.28	.18	.00	.04	.46	.00	.00
26	---	.00	---	.00	.01	.00	.00	.00	.00	.01	.00	.00
27	---	.00	---	.00	.02	.00	.00	.00	.51	---	.10	.00
28	---	.00	---	.00	.03	.00	.00	.00	.01	1.79	.56	.00
29	---	.00	---	.00	---	2.22	.00	1.05	.10	.03	.01	.00
30	---	.00	.00	.66	---	.03	.00	.00	.40	.00	.00	.00
31	---	---	.00	.00	---	.00	---	.63	---	.00	.38	---
TOTAL	---	---	---	3.41	2.88	12.38	1.33	2.35	7.69	---	2.31	3.51

# ALTAHAMA RIVER BASIN

## 2001 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: 3100 mi<sup>2</sup> Datum: 203.4 feet Period of Record: 1993 - 2001



USGS  
 02223056 - Oconee River at Avant Mine, near Oconee, GA

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA**

**LOCATION.**--Lat 32°56'23", long 83°04'01", 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Power Corporation.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--November 1992 to current year, discharges less than 10,500 ft<sup>3</sup>/s only.

**GAGE.**--Satellite telemetry with a water-stage recorder. Datum of gage is 203.36 feet above sea level (levels by Georgia Power Company).

**REMARKS.**--Records fair, except for periods of estimated discharges, which are fair to 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 (levels by Georgia Power Company).

**REMARKS.**--Records fair.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 18.81 feet, June 13; minimum gage-height recorded, 1.43 feet, October 29.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--May 1, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325623 LONGITUDE 0830401 DRAINAGE AREA 3100 DATUM 203.36 STATE 13 COUNTY 303

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	775	483	883	4580	1390	e2250	8760	890	2410	1030	2640	893
2	762	492	868	5470	1020	1740	8550	1490	2890	939	2240	893
3	761	517	836	1370	944	2700	e7350	1480	4210	1100	1790	893
4	747	547	841	995	930	---	6020	1460	3930	2740	1020	902
5	765	572	849	950	923	---	5080	1330	3580	2910	952	940
6	768	571	833	914	894	---	4270	809	2890	3470	939	968
7	608	547	872	906	899	8760	3680	738	2400	2750	950	934
8	630	557	828	924	889	8290	3540	961	2480	1960	1420	937
9	675	562	793	4400	886	5460	3460	1300	2440	2060	1280	967
10	682	609	812	4840	889	2460	2730	1340	2190	1500	1280	964
11	681	694	809	1520	886	2160	2760	1330	1390	927	933	1020
12	771	786	821	1030	893	2130	2170	1310	---	888	928	1010
13	1370	772	804	988	910	7380	2760	831	---	848	933	966
14	785	787	814	922	915	---	2800	701	---	841	946	952
15	758	805	815	899	907	---	2690	841	---	832	914	870
16	750	799	786	892	894	---	5060	1170	e6600	813	912	886
17	596	845	1400	935	922	---	4150	1150	e6000	820	891	850
18	523	844	2940	957	939	---	2490	981	e5700	820	915	747
19	496	900	4310	1440	934	---	1990	898	e4700	829	912	612
20	482	954	3940	5260	919	---	1840	877	e3000	808	925	614
21	488	875	2740	6200	1770	---	1850	709	1090	806	935	610
22	481	829	3080	2560	1990	---	1020	905	1070	788	924	621
23	489	818	3810	3690	4590	---	920	1390	1030	807	911	649
24	484	810	1740	2300	5720	8870	e1800	1460	1010	682	900	697
25	487	927	1350	1510	5620	8640	e1900	1370	1010	663	897	741
26	499	1060	3560	1260	5860	8500	1990	1370	2740	2130	891	607
27	490	911	3560	1280	e6050	5900	1680	1370	2780	6220	916	587
28	477	867	1980	1440	e2650	4050	1510	1300	1040	6280	901	735
29	477	883	2320	974	---	e5600	896	1370	1910	5950	962	663
30	494	875	1800	2090	---	8400	813	2290	1450	5740	922	623
31	487	---	4230	1840	---	9100	---	2890	---	5320	882	---
TOTAL	19738	22498	56024	65336	53033	---	96529	38311	---	64271	33761	24351
MEAN	637	750	1807	2108	1894	---	3218	1236	---	2073	1089	812
MAX	1370	1060	4310	6200	6050	---	8760	2890	---	6280	2640	1020
MIN	477	483	786	892	886	---	813	701	---	663	882	587
CFSM	.21	.24	.58	.68	.61	---	1.04	.40	---	.67	.35	.26
IN.	.24	.27	.67	.78	.64	---	1.16	.46	---	.77	.41	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2001, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2000	2001	
MEAN	715	1747	2907	3028	2790	2808	2833	2112	1707	1060	942	1137
MAX	1022	3978	7927	4859	4072	3075	4052	5166	2615	2073	1473	2720
(WY)	1999	1998	1993	1995	1994	2000	1996	1998	1997	2001	1998	1994
MIN	354	672	640	2086	1894	2541	1736	635	345	321	332	363
(WY)	2000	2000	1999	1999	2001	1999	2000	2000	2000	2000	2000	1999

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

WATER YEARS 1993 - 2001

ANNUAL TOTAL	491174	
ANNUAL MEAN	1342	1250
HIGHEST ANNUAL MEAN		2000
LOWEST ANNUAL MEAN		2000
HIGHEST DAILY MEAN	8200	Jan 26
LOWEST DAILY MEAN	286	Jul 29
ANNUAL SEVEN-DAY MINIMUM	295	Jul 25
ANNUAL RUNOFF (CFSM)	.43	.40
ANNUAL RUNOFF (INCHES)	5.89	5.48
10 PERCENT EXCEEDS	3120	6240
50 PERCENT EXCEEDS	774	1530
90 PERCENT EXCEEDS	314	517

STATISTICS COMPUTED BY: gabailey

DATE: 03/14/2002 AT: 10:58:09

e Estimated

STATION NUMBER 02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325623 LONGITUDE 0830401 DRAINAGE AREA 3100 DATUM 203.36 STATE 13 COUNTY 303

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	2.34	1.47	2.64	8.93	3.95	---	12.81	3.13	6.16	3.48	6.09	2.69
2	2.30	1.50	2.60	9.86	3.02	4.77	12.66	4.52	6.84	3.27	5.46	2.69
3	2.30	1.58	2.50	3.86	2.81	6.39	---	4.51	8.62	3.58	4.64	2.69
4	2.26	1.67	2.52	2.96	2.78	13.33	10.53	4.46	8.28	6.48	3.01	2.72
5	2.31	1.75	2.54	2.83	2.76	17.64	9.59	4.17	7.85	6.73	2.84	2.81
6	2.32	1.75	2.50	2.73	2.68	14.64	8.68	2.93	6.88	7.45	2.81	2.88
7	1.86	1.67	2.61	2.71	2.69	12.81	7.98	2.74	6.15	6.58	2.84	2.80
8	1.93	1.70	2.48	2.76	2.66	12.45	7.80	3.30	6.26	5.31	3.90	2.80
9	2.06	1.72	2.39	8.69	2.65	9.81	7.70	4.12	6.20	5.47	3.61	2.88
10	2.08	1.86	2.44	9.30	2.66	6.08	6.64	4.20	5.80	4.49	3.60	2.87
11	2.08	2.11	2.43	4.18	2.65	5.58	6.67	4.18	4.28	3.24	2.79	3.00
12	2.33	2.37	2.46	3.04	2.67	5.51	5.75	4.13	6.42	3.14	2.78	2.99
13	3.87	2.33	2.42	2.94	2.72	11.55	6.68	2.98	17.10	3.03	2.79	2.88
14	2.37	2.37	2.45	2.75	2.73	14.53	6.75	2.63	17.08	3.02	2.83	2.84
15	2.29	2.42	2.45	2.69	2.71	15.08	6.57	3.00	---	2.99	2.75	2.63
16	2.27	2.41	2.37	2.67	2.67	18.49	9.49	3.83	---	2.94	2.74	2.67
17	1.82	2.53	3.65	2.79	2.75	17.52	8.53	3.79	---	2.96	2.69	2.58
18	1.60	2.52	6.66	2.85	2.80	16.11	6.26	3.37	---	2.96	2.75	2.30
19	1.51	2.69	8.72	4.05	2.79	13.79	5.46	3.17	---	2.99	2.74	1.91
20	1.46	2.84	8.21	9.67	2.74	13.38	5.20	3.11	---	2.93	2.77	1.92
21	1.48	2.62	6.51	10.69	4.77	16.33	5.20	2.65	3.63	2.92	2.80	1.91
22	1.46	2.49	6.99	6.17	5.18	17.04	3.46	3.16	3.58	2.88	2.77	1.94
23	1.49	2.46	8.03	7.93	9.04	13.90	3.21	4.31	3.49	2.93	2.74	2.02
24	1.47	2.43	4.57	5.79	10.27	12.90	---	4.47	3.45	2.58	2.71	2.16
25	1.48	2.76	3.65	4.22	10.17	12.72	---	4.27	3.45	2.52	2.70	2.28
26	1.52	3.14	7.69	3.58	10.40	12.62	5.46	4.26	6.58	5.10	2.69	1.90
27	1.49	2.72	7.69	3.67	---	10.38	4.92	4.27	6.52	10.74	2.75	1.84
28	1.45	2.60	5.13	4.04	---	8.42	4.56	4.11	3.52	10.79	2.71	2.27
29	1.45	2.64	5.81	2.90	---	---	3.16	4.26	5.23	10.49	2.87	2.06
30	1.50	2.62	4.65	5.38	---	12.54	2.94	5.95	4.41	10.28	2.76	1.95
31	1.48	---	8.53	4.86	---	13.07	---	6.89	---	9.84	2.66	---
MEAN	1.92	2.26	4.40	4.89	---	---	---	3.90	---	4.97	3.12	2.46
MAX	3.87	3.14	8.72	10.69	---	---	---	6.89	---	10.79	6.09	3.00
MIN	1.45	1.47	2.37	2.67	---	---	---	2.63	---	2.52	2.66	1.84

STATION NUMBER 02223056 OCONEE RIVER AT AVANT MINE, NEAR OCONEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325623 LONGITUDE 0830401 DRAINAGE AREA 3100 DATUM 203.36 STATE 13 COUNTY 303

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	---	---	---	---	---	---	---	---	.62	.00	.00	.00
2	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
3	---	---	---	---	---	---	---	.00	.15	.77	.00	.20
4	---	---	---	---	---	---	---	.00	.93	.13	.00	.11
5	---	---	---	---	---	---	---	.00	.00	.31	.00	.00
6	---	---	---	---	---	---	---	.00	.04	.00	.00	.00
7	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
8	---	---	---	---	---	---	---	.00	.24	.00	.00	.00
9	---	---	---	---	---	---	---	.00	.34	.00	.00	1.72
10	---	---	---	---	---	---	---	.02	.05	.00	.15	.00
11	---	---	---	---	---	---	---	.00	.01	.00	.00	.78
12	---	---	---	---	---	---	---	.10	2.05	.00	.00	.00
13	---	---	---	---	---	---	---	.00	.06	.14	.02	.00
14	---	---	---	---	---	---	---	.00	.34	.00	.53	.00
15	---	---	---	---	---	---	---	.00	---	.00	.00	.00
16	---	---	---	---	---	---	---	.00	---	.00	.00	.00
17	---	---	---	---	---	---	---	.00	---	.00	.00	.00
18	---	---	---	---	---	---	---	.00	---	.00	.82	.00
19	---	---	---	---	---	---	---	.00	---	.00	.03	.00
20	---	---	---	---	---	---	---	.03	---	.00	.00	.00
21	---	---	---	---	---	---	---	.00	.02	.00	.00	.00
22	---	---	---	---	---	---	---	.69	.43	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	1.29	.00	.14
24	---	---	---	---	---	---	---	.00	.00	.92	.00	.88
25	---	---	---	---	---	---	---	.00	.03	.10	.00	.00
26	---	---	---	---	---	---	---	.01	.01	.00	.00	.00
27	---	---	---	---	---	---	---	.00	.29	.00	.00	.00
28	---	---	---	---	---	---	---	.01	.25	.63	.83	.00
29	---	---	---	---	---	---	---	1.33	.07	.01	.08	.00
30	---	---	---	---	---	---	---	.00	.13	.01	.00	.00
31	---	---	---	---	---	---	---	.13	---	.00	.03	---
TOTAL	---	---	---	---	---	---	---	---	---	4.31	2.49	3.83

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02223082 BUFFALO CREEK NEAR LINTON, GA**

**LOCATION.**--Lat 33°06'27", long 82°57'34", Hancock-Washington County line, Hydrologic Unit 03070102, at Hancock County Road 787, 2.0 miles southeast of Linton.

**DRAINAGE AREA.**—92.9 mi<sup>2</sup>.

**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 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:** 20.00 feet, February 25, 1961

**DISCHARGE:** 5,400 ft<sup>3</sup>/s, February 25, 1961

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 14.75 feet, June 13

**DISCHARGE:** 2,560 ft<sup>3</sup>/s, June 13

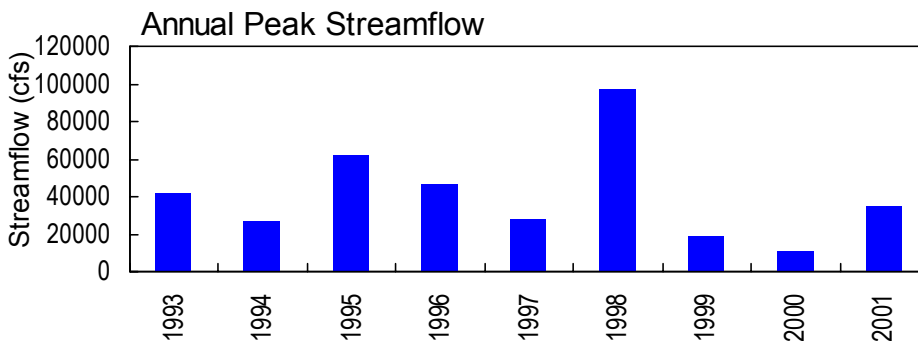
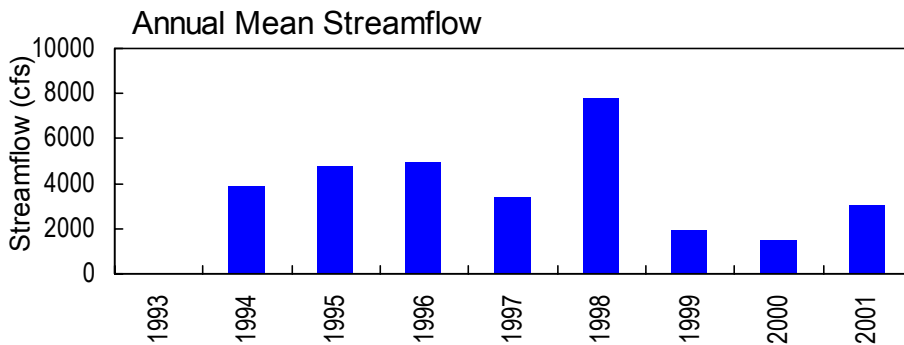
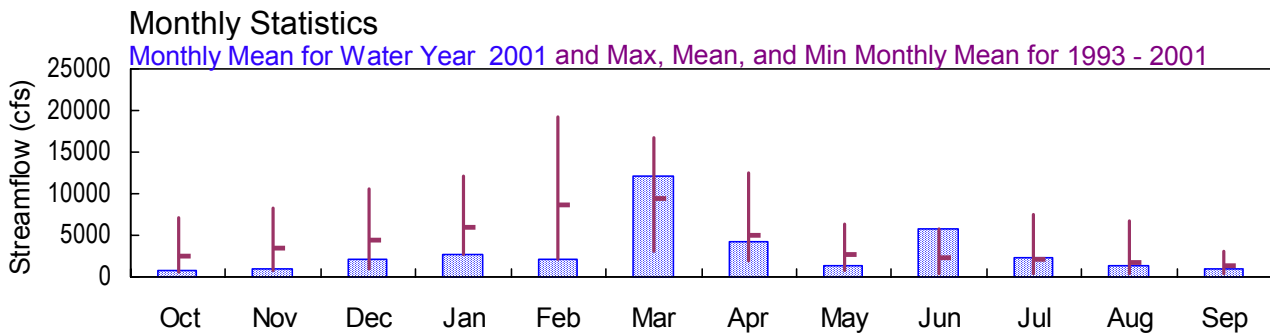
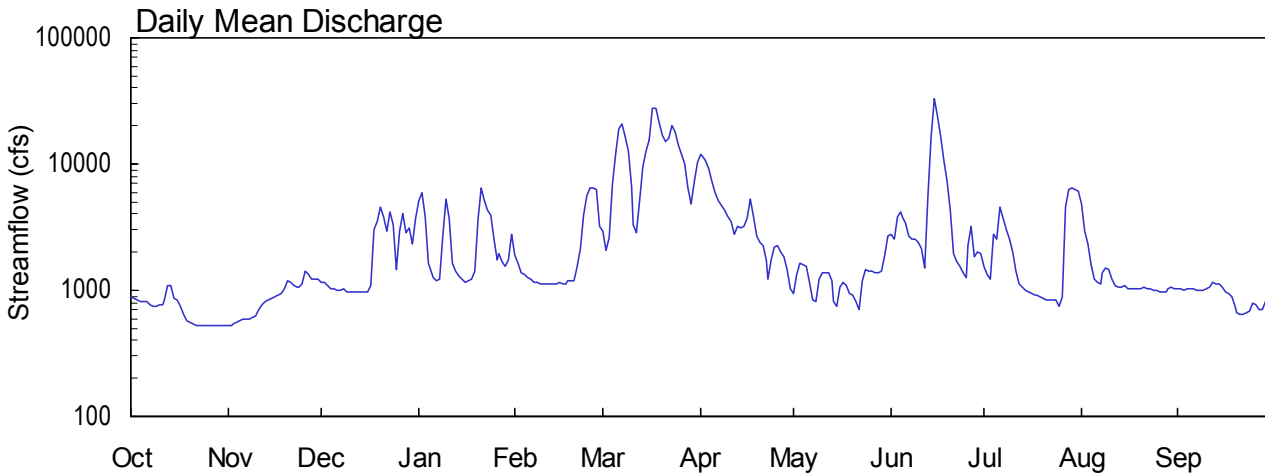


# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02223248 OCONEE RIVER NEAR OCONEE, GA

Latitude: 32° 47' 14" Longitude: 82° 57' 26" Hydrologic Unit Code: 03070102 Wilkinson County  
 Drainage Area: 3770 mi<sup>2</sup> Datum: 171.8 feet Period of Record: 1993 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02223248 OCONEE RIVER NEAR OCONEE, GA**

**LOCATION.**--Lat 32°47'14", long 82°57'26", Wilkinson County, Hydrologic Unit 03070102, on right bank 0.4 miles upstream from GA Highway 57, 0.5 miles upstream from Oochee Creek, and 6 miles south of Oconee, at mile 96.6.

**DRAINAGE AREA.**--3,770 mi<sup>2</sup>.

**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.**--Water-stage recorder. Datum of gage is 171.83 feet above sea level.

**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.**--Water-stage recorder. Datum of gage is 171.83 feet above sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 22.18 feet, June 15; minimum gage-height recorded, 1.44 feet, September 21-22, but probably lower during period of missing record.

STATION NUMBER 02223248 OCONEE RIVER NEAR OCONEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324714 LONGITUDE 0825726 DRAINAGE AREA 3770 DATUM 171.83 STATE 13 COUNTY 319

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	e900	e520	1170	5060	1890	2960	11800	956	2770	1570	4860	1020
2	e860	e520	1160	5870	1660	2090	11600	1330	2550	1330	2920	1020
3	e830	e540	1080	3860	1380	2580	10700	1640	3770	1230	2320	1010
4	e820	e560	1040	1660	1320	6800	9250	1610	4180	2760	1600	1020
5	e820	e580	1030	1390	1280	11900	7190	1550	3860	2560	1230	1020
6	e810	e595	1010	1270	1220	19100	5950	1170	3400	4560	1150	1020
7	e780	e600	1010	1190	1170	20800	5060	843	2700	3670	1110	1000
8	e740	e600	1020	1220	1150	16300	4650	815	2530	2990	1390	986
9	e745	e605	968	2690	1130	12600	4310	1230	2540	2510	1510	995
10	e760	e620	958	5320	1120	6560	3810	1380	2430	2040	1480	1040
11	e780	e700	972	3700	1110	3300	3510	1370	2140	1400	1210	1050
12	e840	e780	977	1620	1110	2890	2750	1390	1500	1140	1080	1150
13	e1100	e820	976	1410	1130	5150	3170	1180	5610	1060	1050	1110
14	e1100	834	971	1300	1140	9370	3160	808	16200	997	1070	1110
15	e870	864	976	1210	1150	12500	3170	751	33100	974	1080	1050
16	e830	883	976	1170	1140	15700	3680	1070	24100	941	1040	967
17	e740	915	1090	1190	1140	27400	5200	1160	16500	924	1030	938
18	e640	955	3030	1240	1200	28000	3790	1080	10700	913	1030	893
19	e580	1020	3460	1430	1190	21100	2670	941	7170	888	1030	748
20	e560	1190	4610	3580	1180	16900	2390	917	4340	868	1040	657
21	e545	1170	3800	6520	1540	15000	2290	806	1960	849	1050	643
22	e530	1100	2950	5080	2130	16000	1740	705	1670	846	1040	645
23	e530	1070	4120	4280	3940	20000	1220	1180	1540	843	1020	656
24	e530	1060	3290	3950	5660	17700	1740	1480	1360	828	1000	680
25	e525	1130	1460	2570	6400	14200	2190	1430	1250	747	991	793
26	e525	1420	2920	1760	6540	11900	2240	1400	2270	878	976	774
27	e525	1320	4070	1940	6250	10000	2020	1380	3210	4540	972	697
28	e520	1220	2820	1700	3220	6480	1850	1370	1860	6210	980	707
29	e520	1210	3100	1550	---	4810	1440	1430	2020	6430	1030	806
30	e520	1240	2300	1740	---	7200	1020	1880	1980	6270	1070	693
31	e520	---	3730	2770	---	10200	---	2710	---	6170	1030	---
TOTAL	21895	26641	63044	81240	60490	377490	125560	38962	171210	69936	41389	26898
MEAN	706	888	2034	2621	2160	12180	4185	1257	5707	2256	1335	897
MAX	1100	1420	4610	6520	6540	28000	11800	2710	33100	6430	4860	1150
MIN	520	520	958	1170	1110	2090	1020	705	1250	747	972	643
CFSM	.19	.24	.54	.70	.57	3.23	1.11	.33	1.51	.60	.35	.24
IN.	.22	.26	.62	.80	.60	3.72	1.24	.38	1.69	.69	.41	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2001, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	2489	3454	4419	5896	8687	9473	5037	2638	2360
MAX	7142	8209	10650	12160	19160	16670	12530	6427	5707
(WY)	1995	1993	1998	1998	1998	1998	1998	2001	1994
MIN	626	815	930	2621	2160	3042	1946	706	391
(WY)	1994	2000	1999	2001	2001	1999	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1993 - 2001

ANNUAL TOTAL	565130	1104755	
ANNUAL MEAN	1544	3027	3897
HIGHEST ANNUAL MEAN			7777
LOWEST ANNUAL MEAN			1475
HIGHEST DAILY MEAN	10700	Jan 27	33100
LOWEST DAILY MEAN	331	Jun 9	520
ANNUAL SEVEN-DAY MINIMUM	339	Jul 18	521
MAXIMUM PEAK FLOW			34800
MAXIMUM PEAK STAGE			22.18
ANNUAL RUNOFF (CFSM)	.41		.80
ANNUAL RUNOFF (INCHES)	5.58		10.90
10 PERCENT EXCEEDS	3650		6500
50 PERCENT EXCEEDS	833		1230
90 PERCENT EXCEEDS	382		743

STATISTICS COMPUTED BY: wbennett

DATE: 03/19/2002 AT: 14:36:18

e Estimated

STATION NUMBER 02223248 OCONEE RIVER NEAR OCONEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324714 LONGITUDE 0825726 DRAINAGE AREA 3770 DATUM 171.83 STATE 13 COUNTY 319

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	---	---	2.85	8.99	4.23	6.01	15.19	2.68	6.03	3.94	8.56	2.36
2	---	---	2.82	10.00	3.81	4.59	15.11	3.46	5.67	3.47	5.78	2.34
3	---	---	2.64	7.24	3.28	5.39	14.49	4.08	7.52	3.28	4.80	2.32
4	---	---	2.55	3.81	3.15	10.93	13.38	4.03	8.11	5.90	3.53	2.34
5	---	---	2.54	3.29	3.07	15.22	11.60	3.90	7.67	5.68	2.80	2.36
6	---	---	2.50	3.05	2.95	18.39	10.29	3.14	6.98	8.58	2.63	2.35
7	---	---	2.49	2.89	2.84	18.99	9.23	2.42	5.90	7.38	2.54	2.32
8	---	---	2.51	2.94	2.80	17.42	8.72	2.35	5.64	6.37	3.10	2.27
9	---	---	2.40	5.39	2.76	15.68	8.28	3.26	5.66	5.58	3.36	2.29
10	---	---	2.38	9.34	2.74	10.61	7.58	3.57	5.47	4.80	3.30	2.40
11	---	---	2.41	7.04	2.72	6.54	7.15	3.55	4.97	3.61	2.75	2.42
12	---	---	2.42	3.74	2.71	5.92	5.98	3.59	3.81	3.08	2.47	2.62
13	---	---	2.42	3.34	2.75	8.99	6.63	3.16	9.50	2.90	2.42	2.54
14	---	2.10	2.41	3.12	2.79	13.46	6.62	2.34	16.78	2.77	2.47	2.54
15	---	2.17	2.42	2.92	2.80	15.60	6.65	2.20	21.85	2.72	2.48	2.41
16	---	2.21	2.42	2.85	2.78	17.20	7.34	2.91	19.87	2.64	2.39	2.23
17	---	2.28	2.68	2.88	2.79	20.64	9.40	3.13	17.48	2.60	2.37	2.17
18	---	2.37	6.03	3.00	2.89	20.79	7.54	2.96	14.42	2.58	2.36	2.06
19	---	2.52	6.73	3.36	2.87	19.08	5.86	2.64	11.58	2.52	2.38	1.72
20	---	2.87	8.40	6.82	2.86	17.68	5.39	2.59	8.24	2.48	2.39	1.50
21	---	2.84	7.26	10.78	3.55	16.94	5.23	2.33	4.66	2.43	2.41	1.46
22	---	2.69	6.00	8.90	4.66	17.35	4.25	2.08	4.13	2.42	2.39	1.46
23	---	2.64	7.72	7.93	7.43	18.74	3.25	3.16	3.89	2.42	2.35	1.49
24	---	2.61	6.49	7.47	9.77	17.94	4.22	3.77	3.54	2.38	2.31	1.55
25	---	2.77	3.43	5.40	10.65	16.55	5.07	3.68	3.31	2.19	2.29	1.83
26	---	3.35	5.86	3.98	10.81	15.28	5.14	3.61	5.11	2.45	2.25	1.78
27	---	3.16	7.65	4.31	10.46	13.95	4.76	3.57	6.68	8.29	2.24	1.59
28	---	2.95	5.77	3.88	6.40	10.78	4.47	3.55	4.45	10.41	2.26	1.62
29	---	2.92	6.23	3.59	---	8.91	3.67	3.67	4.73	10.61	2.37	1.86
30	---	2.99	4.93	3.93	---	11.52	2.83	4.51	4.70	10.42	2.45	1.59
31	---	---	7.11	5.72	---	14.10	---	5.92	---	10.31	2.37	---
MEAN	---	---	4.27	5.22	4.40	13.91	7.51	3.28	7.95	4.75	2.92	2.06

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02223349 BIG SANDY CREEK TRIBUTARY NEAR IRWINTON, GA**

**LOCATION.**--Lat 32°48'11", long 83°13'37", Wilkinson County, Hydrologic Unit 03070102, at culvert on White Springs Road, 1.7 miles southwest of Irwinton.

**DRAINAGE AREA.**—0.50 mi<sup>2</sup>.

**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 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:** 3.16 feet, March 3, 1991

**DISCHARGE:** 71 ft<sup>3</sup>/s, March 3, 1991

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 1.67 feet, March 5

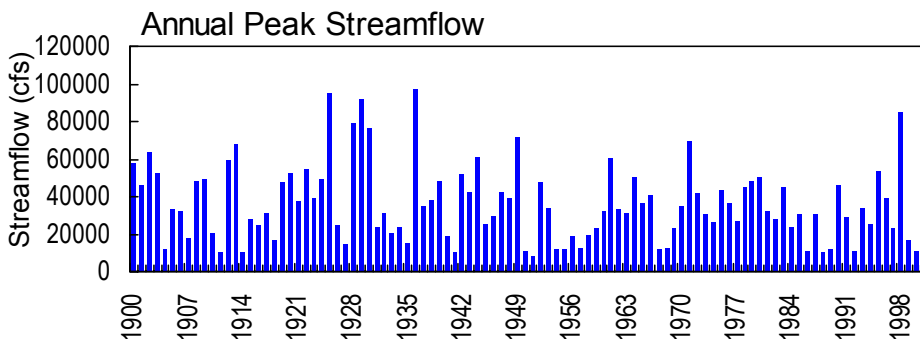
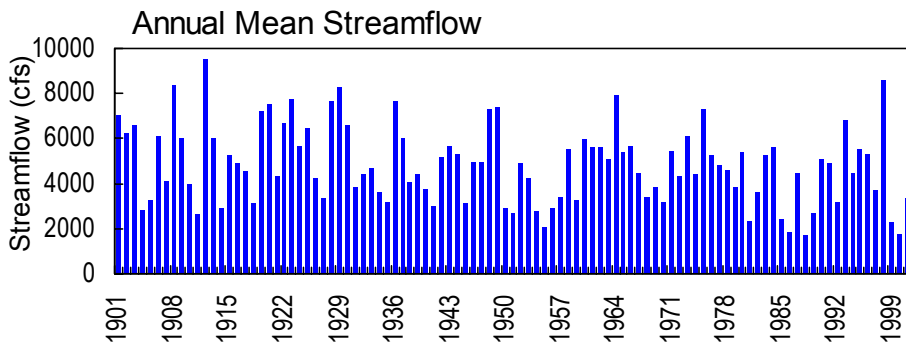
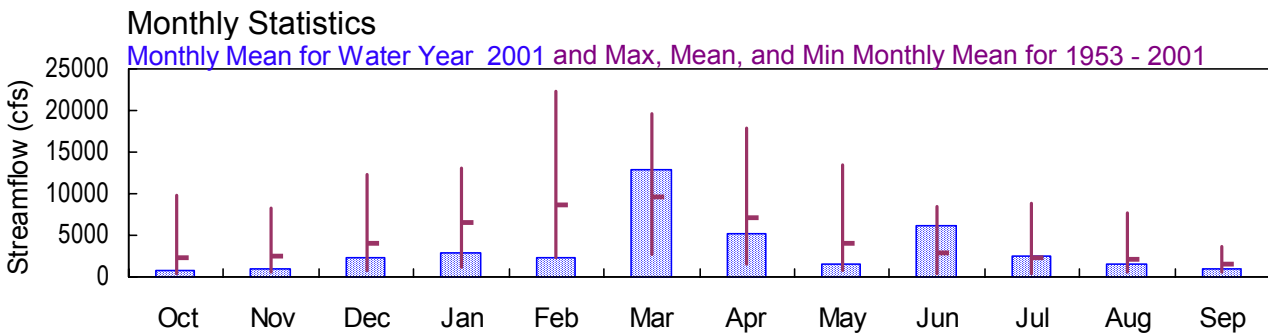
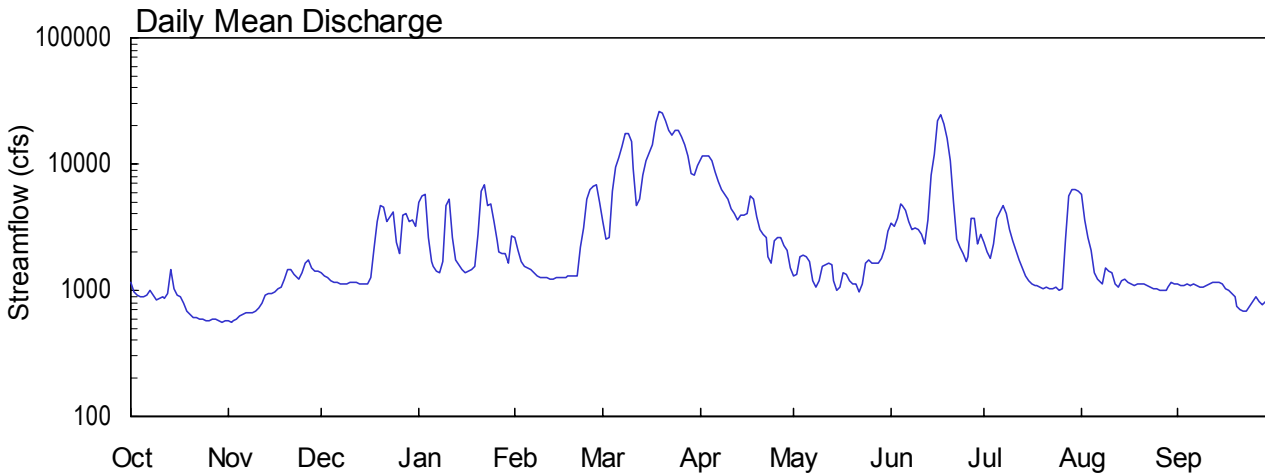
**DISCHARGE:** 16.6 ft<sup>3</sup>/s, March 5

# ALTAMAHA RIVER BASIN

2001 Water Year

02223500 OCONEE RIVER AT DUBLIN, GA

Latitude: 32° 32' 40" Longitude: 82° 53' 41" Hydrologic Unit Code: 03070102 Laurens County  
 Drainage Area: 4400 mi<sup>2</sup> Datum: 149.1 feet Period of Record: 1953 - 2001



02223500 Oconee River at Dublin, GA  
 July 18, 1991



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02223500 OCONEE RIVER AT DUBLIN, GA**

**LOCATION.**--Lat 32°32'40", long 82°53'41", Laurens County, Hydrologic Unit 03070102, near left bank on downstream end of pier of bridge on US Highway 80 at Dublin, and at mile 74.3.

**DRAINAGE AREA.**--4,400 mi<sup>2</sup>, 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 sea level. 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, except those for the period of estimated daily discharge, which are fair. Flow regulated by Lake Oconee and Sinclair Reservoir. Average discharge adjusted for storage was published for records prior to October 1, 1999.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum stage known since at least 1893, that of Apr. 12, 13, 1936.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 19,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.19	1145	26,700*	22.54*
Jun.17	0430	25,200	22.06

**ALTAMAHA RIVER BASIN  
2001 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 sea level. Prior to Apr. 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, 22.54 feet, March 19; minimum gage-height recorded, 1.08 feet, October 30-31.

**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 STREAM SOURCE AGENCY USGS  
 LATITUDE 323240 LONGITUDE 0825341 DRAINAGE AREA 4400.00 DATUM 149.08 STATE 13 COUNTY 175

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	1160	575	1370	5000	2600	3500	10900	1290	3450	2430	5800	1120
2	975	565	1310	5550	2090	2530	11600	1330	3170	2000	3590	1090
3	927	570	1270	5740	1690	2610	11700	1870	3700	1800	2630	1080
4	902	587	1190	2640	1570	6110	11500	1910	4780	2310	2050	1110
5	891	620	1160	1700	1520	9470	10500	1870	4620	3700	1360	1100
6	915	651	1150	1530	1450	11100	8750	1700	4260	4180	1210	1120
7	999	668	1120	1400	1380	13700	7290	1200	3550	4710	1150	1100
8	924	660	1140	1390	1310	17500	6330	1050	3070	4050	1140	1070
9	850	664	1130	1690	1270	17400	5700	1190	3090	3020	1490	1060
10	877	683	1160	4750	1260	14900	5220	1540	3020	e2450	1420	1080
11	883	726	1150	5220	1270	9280	4470	1600	2780	e2080	1380	1110
12	869	794	1150	2590	1230	4730	4080	1620	2320	e1750	1110	1160
13	943	906	1130	1730	1230	5210	3590	1600	3580	e1500	1060	1170
14	1440	941	1120	1580	1260	8230	3940	1180	8170	e1300	1190	1150
15	1020	948	1130	1450	1280	10600	3970	1000	11900	e1200	1220	1110
16	907	977	1140	1390	1280	12400	4060	1070	21800	e1140	1160	1030
17	890	1020	1280	1410	1270	14300	5580	1360	24600	e1100	1110	988
18	786	1070	2140	1460	1300	21200	5220	1340	21000	e1080	1090	954
19	693	1220	3480	1550	1310	26300	3800	1200	15900	e1060	1140	879
20	645	1440	4650	2770	1290	25200	3070	1120	10700	e1020	1130	748
21	616	1460	4530	6040	1300	21800	2790	1120	4990	1050	1110	703
22	609	1330	3480	6830	2180	18600	2610	958	2550	1030	1100	691
23	597	1250	3790	4730	3160	17100	1820	1110	2210	1020	1070	694
24	589	1220	4170	4880	5300	18200	1650	1620	1950	1050	1040	738
25	583	1370	2390	3550	6310	18400	2470	1740	1700	1000	1020	811
26	579	1660	1980	2440	6630	16500	2600	1660	1830	1020	1000	898
27	592	1730	3900	1990	6770	14000	2580	1640	3670	2510	989	821
28	590	1490	4000	1930	5020	11500	2290	1630	3680	5640	999	764
29	575	1410	3530	1950	---	8340	2070	1800	2310	6220	1070	827
30	560	1400	3640	1620	---	8120	1510	2140	2800	6260	1150	820
31	568	---	3180	2730	---	9850	---	2920	---	6180	1140	---
TOTAL	24954	30605	68960	91230	65530	398680	153660	46378	187150	76860	45118	28996
MEAN	805	1020	2225	2943	2340	12860	5122	1496	6238	2479	1455	967
MAX	1440	1730	4650	6830	6770	26300	11700	2920	24600	6260	5800	1170
MIN	560	565	1120	1390	1230	2530	1510	958	1700	1000	989	691
CFSM	.18	.23	.51	.67	.53	2.92	1.16	.34	1.42	.56	.33	.22
IN.	.21	.26	.58	.77	.55	3.37	1.30	.39	1.58	.65	.38	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2001, BY WATER YEAR (WY)

MEAN	2215	2437	4051	6472	8631	9646	7107	4073	2818	2301	2046	1566
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	827	1199	2278	2649	1493	807	455	421	495	607
(WY)	1955	1982	1988	1956	1989	1955	1986	2000	2000	2000	2000	1987

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1953 - 2001

ANNUAL TOTAL		654844		1218121								
ANNUAL MEAN		1789		3337						4426		
HIGHEST ANNUAL MEAN										8614		1998
LOWEST ANNUAL MEAN										1722		1988
HIGHEST DAILY MEAN		10700	Jan 28	26300	Mar 19					77500	Mar 12	1998
LOWEST DAILY MEAN		353	Jul 22	560	Oct 30					351	Oct 19	1954
ANNUAL SEVEN-DAY MINIMUM		367	Jul 18	571	Oct 29					367	Jul 18	2000
MAXIMUM PEAK FLOW				26700	Mar 19					85000	Mar 11	1998
MAXIMUM PEAK STAGE				22.54	Mar 19					32.00	Mar 11	1998
ANNUAL RUNOFF (CFSM)		.41		.76						1.01		
ANNUAL RUNOFF (INCHES)		5.54		10.30						13.67		
10 PERCENT EXCEEDS			4020		8190					10500		
50 PERCENT EXCEEDS			1050		1490					2500		
90 PERCENT EXCEEDS			424		841					795		

STATISTICS COMPUTED BY: smithca

DATE: 03/20/2002 AT: 08:32:56

e Estimated

STATION NUMBER 02223500 OCONEE RIVER AT DUBLIN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 323240 LONGITUDE 0825341 DRAINAGE AREA 4400.00 DATUM 149.08 STATE 13 COUNTY 175

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	2.31	1.13	2.66	7.89	4.55	5.82	14.30	2.54	5.75	4.31	8.96	2.24
2	1.97	1.10	2.57	8.63	3.77	4.45	14.89	2.60	5.38	3.64	5.94	2.18
3	1.88	1.12	2.50	8.86	3.16	4.57	15.04	3.43	6.09	3.32	4.59	2.18
4	1.83	1.16	2.36	4.59	2.98	9.23	14.81	3.50	7.59	4.09	3.72	2.22
5	1.81	1.24	2.31	3.17	2.90	12.94	13.89	3.43	7.37	6.09	2.65	2.21
6	1.86	1.31	2.30	2.91	2.80	14.49	12.23	3.16	6.86	6.75	2.39	2.23
7	2.02	1.35	2.25	2.71	2.67	16.55	10.72	2.37	5.89	7.48	2.29	2.20
8	1.88	1.33	2.28	2.69	2.56	18.79	9.64	2.11	5.23	6.57	2.27	2.15
9	1.73	1.34	2.26	3.16	2.49	18.72	8.83	2.36	5.26	5.15	2.85	2.13
10	1.78	1.38	2.31	7.53	2.48	17.32	8.20	2.93	5.17	---	2.75	2.16
11	1.80	1.48	2.30	8.18	2.49	12.67	7.16	3.03	4.82	---	2.68	2.22
12	1.77	1.62	2.29	4.51	2.43	7.51	6.62	3.04	4.13	---	2.22	2.31
13	1.91	1.84	2.26	3.22	2.43	8.16	5.94	3.02	5.89	---	2.14	2.33
14	2.77	1.91	2.24	2.99	2.48	11.70	6.41	2.34	11.64	---	2.36	2.29
15	2.05	1.92	2.25	2.79	2.52	13.99	6.46	2.02	15.03	---	2.43	2.23
16	1.84	1.98	2.27	2.70	2.52	15.63	6.57	2.14	20.70	---	2.31	2.08
17	1.81	2.06	2.51	2.72	2.50	16.96	8.67	2.65	21.84	---	2.23	2.00
18	1.60	2.15	3.83	2.80	2.54	20.44	8.19	2.61	20.40	---	2.19	1.94
19	1.40	2.42	5.79	2.94	2.57	22.42	6.23	2.39	17.91	---	2.28	1.79
20	1.29	2.78	7.40	4.78	2.54	22.05	5.24	2.25	14.09	---	2.27	1.52
21	1.23	2.80	7.25	9.25	2.55	20.73	4.84	2.24	7.82	2.12	2.23	1.43
22	1.21	2.59	5.80	10.20	3.92	19.31	4.57	1.94	4.49	2.08	2.20	1.40
23	1.18	2.47	6.22	7.52	5.34	18.56	3.36	2.21	3.97	2.06	2.15	1.41
24	1.16	2.42	6.74	7.72	8.29	19.12	3.10	3.06	3.56	2.11	2.10	1.50
25	1.15	2.67	4.21	5.89	9.61	19.25	4.37	3.24	3.17	2.03	2.07	1.65
26	1.14	3.11	3.60	4.32	10.00	18.24	4.57	3.12	3.38	2.05	2.03	1.83
27	1.17	3.21	6.36	3.62	10.15	16.77	4.53	3.08	6.05	4.33	2.00	1.67
28	1.16	2.86	6.50	3.54	7.88	14.86	4.09	3.06	6.06	8.74	2.02	1.56
29	1.13	2.73	5.86	3.56	---	11.82	3.76	3.32	4.13	9.51	2.15	1.68
30	1.09	2.71	6.01	3.05	---	11.60	2.89	3.86	4.85	9.56	2.29	1.67
31	1.11	---	5.37	4.74	---	13.30	---	5.02	---	9.45	2.28	---
MEAN	1.61	2.01	3.90	4.94	4.04	14.77	7.67	2.84	8.15	---	2.74	1.95
MAX	2.77	3.21	7.40	10.20	10.15	22.42	15.04	5.02	21.84	---	8.96	2.33
MIN	1.09	1.10	2.24	2.69	2.43	4.45	2.89	1.94	3.17	---	2.00	1.40

STATION NUMBER 02223500 OCONEE RIVER AT DUBLIN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 323240 LONGITUDE 0825341 DRAINAGE AREA 4400.00 DATUM 149.08 STATE 13 COUNTY 175

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	---	---	---	---	---	---	---	---	.39	.00	.00	.16
2	---	---	---	---	---	---	---	---	.04	.03	.00	.00
3	---	---	---	---	---	---	---	---	1.05	.50	.00	.31
4	---	---	---	---	---	---	---	---	.00	.00	.00	.16
5	---	---	---	---	---	---	---	---	.00	.00	.00	.03
6	---	---	---	---	---	---	---	---	.12	.00	.00	.02
7	---	---	---	---	---	---	---	---	.00	.00	.00	.02
8	---	---	---	---	---	---	---	---	1.22	.00	.00	.01
9	---	---	---	---	---	---	---	---	.10	.00	.00	.01
10	---	---	---	---	---	---	---	---	.01	.00	.42	.00
11	---	---	---	---	---	---	---	---	.17	---	.00	.00
12	---	---	---	---	---	---	---	---	.47	---	.00	.01
13	---	---	---	---	---	---	---	---	.01	---	.43	.00
14	---	---	---	---	---	---	---	---	.37	---	.28	.00
15	---	---	---	---	---	---	---	---	.21	---	.00	.00
16	---	---	---	---	---	---	---	---	.00	---	.00	.00
17	---	---	---	---	---	---	---	---	.00	---	.00	.00
18	---	---	---	---	---	---	---	.00	.00	---	.00	.00
19	---	---	---	---	---	---	---	.00	.13	---	.32	.00
20	---	---	---	---	---	---	---	.92	.00	---	.00	.00
21	---	---	---	---	---	---	---	.02	.29	.00	.00	.00
22	---	---	---	---	---	---	---	.28	.72	.00	.00	.00
23	---	---	---	---	---	---	---	.01	.00	.05	.00	.01
24	---	---	---	---	---	---	---	.00	.00	.91	.00	.01
25	---	---	---	---	---	---	---	.00	.00	.38	.00	.01
26	---	---	---	---	---	---	---	.11	.00	.07	.00	.00
27	---	---	---	---	---	---	---	.00	.19	.00	.00	.01
28	---	---	---	---	---	---	---	.05	.00	.80	.44	.00
29	---	---	---	---	---	---	---	1.59	.15	.00	.00	.00
30	---	---	---	---	---	---	---	.00	.19	.00	.00	.00
31	---	---	---	---	---	---	---	.00	---	.00	.21	---
TOTAL	---	---	---	---	---	---	---	---	5.83	---	2.10	0.77

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02224100 TURKEY CREEK AT US 441, NEAR DUBLIN, GA**

**LOCATION.**—Lat 32°27'21", long 82°56'32", Laurens County, Hydrologic Unit 03070102, at US Highways 319 and 441, 5.0 miles south of Dublin.

**DRAINAGE AREA.**--316 mi<sup>2</sup>.

**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 190.90 feet above sea level.

**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 ft<sup>3</sup>/s, March 19, 1929

**MAXIMUM FOR CURRENT YEAR.--**

**STAGE:** 12.16 feet, March 3

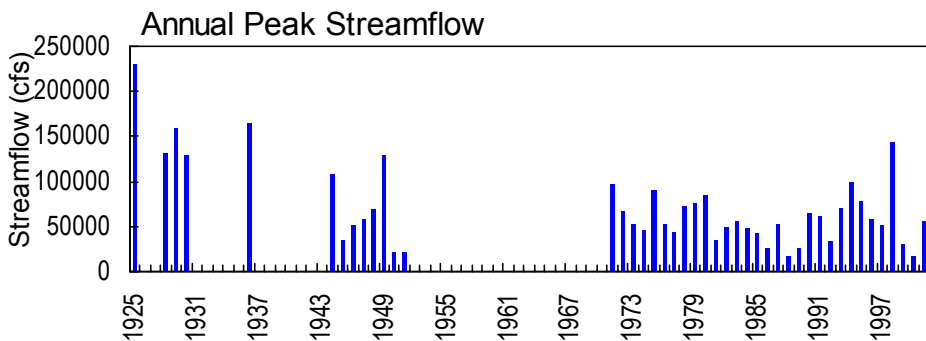
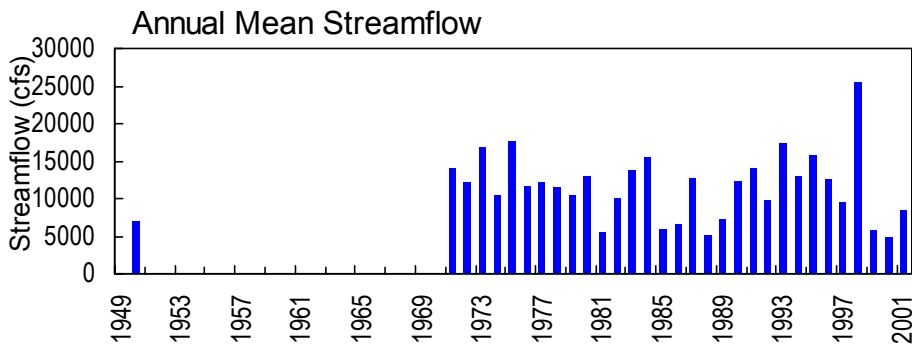
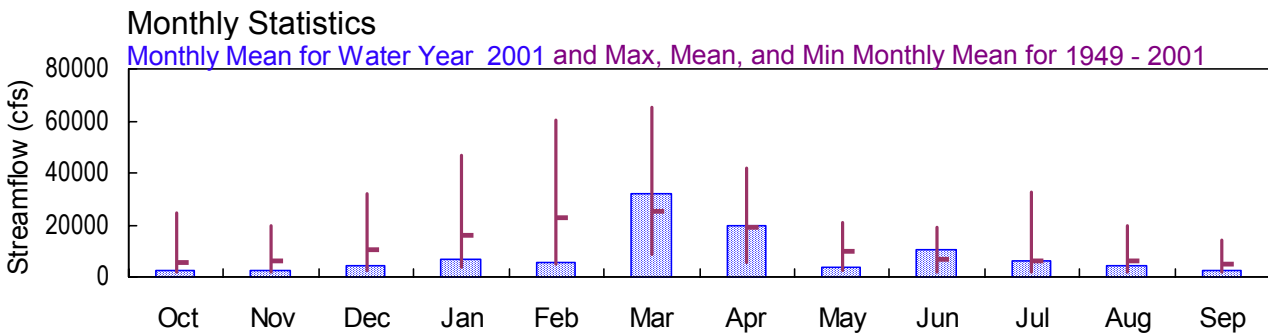
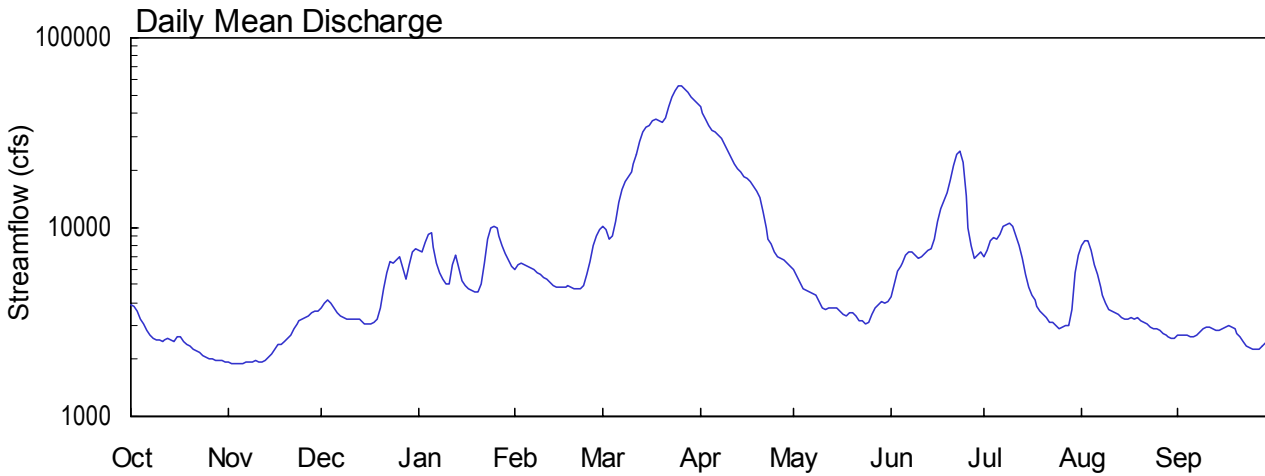
**DISCHARGE:** 2,100 ft<sup>3</sup>/s, March 3

# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02225000 ALTAMAHA RIVER NEAR BAXLEY, GA

Latitude: 31° 56' 20" Longitude: 82° 21' 13" Hydrologic Unit Code: 03070106 Appling County  
Drainage Area: 11600 mi<sup>2</sup> Datum: 61.51 feet Period of Record: 1949 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02225000 ALTAMAHA RIVER NEAR BAXLEY, GA**

**LOCATION.**--Lat 31°56'20", long 82°21'13", Appling-Toombs County line, Hydrologic Unit 03070106, on right bank 400 feet downstream from bridge on U.S. Highway 1, 2.2 miles upstream from Bay Creek, 8 miles downstream from Bullards Creek, and 12 miles north of Baxley.

**DRAINAGE AREA.**--11,600 mi<sup>2</sup>, 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 sea level. From August 13, 1949, to June 30, 1951, a non-recording gage was located at site 400 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<sup>3</sup>/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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 26	0315	56,300*	18.17*
June 23	0345	25,500	13.77

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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 sea level. From August 13, 1949, to June 30, 1951, a non-recording gage was located at site 400 feet upstream at same datum.

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 18.17 feet, March 26; minimum gage-height recorded, 1.27 feet, November 5.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—September 6, 2000 to current year.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02225000 ALTAMAHA RIVER NEAR BAXLEY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 315620 LONGITUDE 0822113 DRAINAGE AREA 11600.00 DATUM 61.51 STATE 13 COUNTY 001

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	3860	1930	3760	7530	5940	10100	43200	5920	4290	6970	8000	2680
2	3840	1910	3990	7410	6320	9800	40100	5520	4980	7510	8460	2690
3	3640	1910	4110	8380	6480	8680	36800	5110	5850	8460	8520	2720
4	3300	1900	3970	9180	6300	8900	34400	4750	6190	8760	7490	2690
5	3060	1890	3740	9380	6160	10800	32700	4640	6510	8630	6390	2620
6	2850	1910	3550	7860	6080	13600	31700	4580	7150	9200	5620	2640
7	2720	1920	3430	6410	5980	15800	30600	4500	7420	10100	4870	2720
8	2600	1940	3350	5760	5800	17400	29200	4340	7370	10300	4410	2820
9	2550	1950	3300	5320	5610	18500	27300	4030	7120	10500	3990	2930
10	2530	1960	3300	5000	5470	19700	25200	3770	6900	10100	3680	2990
11	2490	1950	3290	5010	5320	21400	23100	3660	6990	9030	3600	2970
12	2530	1950	3300	6360	5120	24200	21500	3750	7230	8010	3560	2910
13	2570	1980	3260	7160	4950	28400	20300	3780	7500	6850	3500	2870
14	2550	2040	3160	6110	4840	31900	19400	3760	7650	5640	3330	2850
15	2510	2140	3090	5230	4780	33600	18600	3760	8650	4850	3280	2910
16	2640	2280	3080	4910	4800	34200	18200	3620	10700	4410	3300	2980
17	2650	2380	3110	4720	4860	36100	17500	3450	12400	4110	3360	3010
18	2490	2420	3170	4620	4900	37000	16400	3410	13800	3830	3270	2980
19	2400	2510	3280	4570	4820	36200	15500	3550	15300	3600	3330	2900
20	2360	2580	3740	4550	4760	35900	14400	3540	17700	3440	3190	2760
21	2280	2680	4750	4990	4700	37900	12100	3390	21100	3320	3130	2630
22	2200	2900	5780	6510	4700	43300	9840	3220	24300	3150	3060	2470
23	2160	3080	6530	8610	4920	48900	8700	3200	25200	3120	2950	2340
24	2110	3180	6490	9930	5630	52900	8110	3100	21900	3020	2920	2300
25	2060	3300	6710	10100	6610	55300	7430	3140	14500	2900	2900	2250
26	2020	3350	7020	9840	7970	55700	6920	3440	9960	2960	2840	2250
27	2000	3430	6110	9060	9000	54100	6890	3740	8050	3010	2770	2260
28	1970	3530	5330	8010	9710	51600	6750	3910	6870	3040	2710	2340
29	1970	3600	6340	7260	---	49000	6490	4030	7130	3710	2650	2460
30	1960	3630	7420	6690	---	46600	6190	4000	7350	5710	2600	2600
31	1940	---	7670	6190	---	45100	---	4030	---	7180	2600	---
TOTAL	78810	74130	139130	212660	162530	992580	595520	122640	318060	185420	126280	80540
MEAN	2542	2471	4488	6860	5805	32020	19850	3956	10660	5981	4074	2685
MAX	3860	3630	7670	10100	9710	55700	43200	5920	25200	10500	8520	3010
MIN	1940	1890	3080	4550	4700	8680	6190	3100	4290	2900	2600	2250
CFSM	.22	.21	.39	.59	.50	2.76	1.71	.34	.91	.52	.35	.23
IN.	.25	.24	.45	.68	.52	3.18	1.91	.39	1.02	.59	.40	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2001, BY WATER YEAR (WY)

MEAN	5456	5914	10190	16160	22540	25120	18900	9649	6867	6191	5958	4760
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	2115	2763	3395	4803	8597	5635	2576	1877	1667	1683	1643
(WY)	1982	1982	1988	1981	1989	1999	1986	1986	2000	2000	2000	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1949 - 2001

ANNUAL TOTAL		1775890		3088300								
ANNUAL MEAN		4852		8461						11520		
HIGHEST ANNUAL MEAN										25530		1998
LOWEST ANNUAL MEAN										4892		2000
HIGHEST DAILY MEAN			18100	Mar 29		55700	Mar 26			142000	Mar 16	1998
LOWEST DAILY MEAN			1450	Aug 29		1890	Nov 5			1450	Aug 29	2000
ANNUAL SEVEN-DAY MINIMUM			1460	Aug 25		1910	Nov 1			1460	Aug 25	2000
MAXIMUM PEAK FLOW						56300	Mar 26			144000	Mar 16	1998
MAXIMUM PEAK STAGE						18.17	Mar 26			24.15	Mar 16	1998
ANNUAL RUNOFF (CFSM)			.42			.73				.99		
ANNUAL RUNOFF (INCHES)			5.70			9.90				13.50		
10 PERCENT EXCEEDS			11100			21200				25800		
50 PERCENT EXCEEDS			3180			4720				6900		
90 PERCENT EXCEEDS			1640			2410				2640		

STATISTICS COMPUTED BY: rnichols

DATE: 01/30/2002 AT: 09:34:00



STATION NUMBER 02225000 ALTAMAHA RIVER NEAR BAXLEY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 315620 LONGITUDE 0822113 DRAINAGE AREA 11600.00 DATUM 61.51 STATE 13 COUNTY 001

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	3.48	1.33	3.39	6.37	5.23	7.98	16.72	5.38	4.10	6.11	6.71	2.26
2	3.46	1.31	3.60	6.29	5.52	7.79	16.30	5.09	4.66	6.45	6.99	2.28
3	3.27	1.30	3.72	6.92	5.64	7.11	15.82	4.77	5.33	7.03	7.02	2.31
4	2.93	1.29	3.58	7.42	5.51	7.25	15.45	4.48	5.57	7.21	6.36	2.28
5	2.67	1.28	3.37	7.54	5.40	8.33	15.17	4.39	5.80	7.14	5.60	2.20
6	2.45	1.30	3.18	6.58	5.34	9.70	15.00	4.35	6.22	7.46	5.01	2.23
7	2.29	1.32	3.05	5.59	5.27	10.68	14.81	4.28	6.40	7.95	4.41	2.31
8	2.15	1.34	2.97	5.10	5.13	11.31	14.53	4.14	6.37	8.05	4.01	2.44
9	2.09	1.35	2.93	4.75	4.98	11.70	14.15	3.87	6.20	8.19	3.63	2.55
10	2.06	1.36	2.93	4.49	4.87	12.10	13.68	3.64	6.06	7.94	3.33	2.63
11	2.02	1.36	2.92	4.49	4.75	12.65	13.17	3.54	6.12	7.36	3.26	2.60
12	2.07	1.36	2.93	5.54	4.59	13.44	12.69	3.62	6.28	6.76	3.21	2.52
13	2.12	1.40	2.88	6.12	4.44	14.37	12.29	3.64	6.44	6.02	3.15	2.49
14	2.09	1.48	2.78	5.36	4.35	15.04	11.99	3.63	6.54	5.17	2.98	2.46
15	2.05	1.61	2.71	4.67	4.30	15.31	11.72	3.62	7.14	4.57	2.93	2.53
16	2.20	1.77	2.69	4.41	4.32	15.41	11.57	3.49	8.29	4.20	2.95	2.61
17	2.21	1.89	2.73	4.25	4.37	15.72	11.32	3.33	9.13	3.94	3.00	2.65
18	2.02	1.94	2.78	4.17	4.40	15.85	10.90	3.29	9.78	3.70	2.92	2.62
19	1.92	2.05	2.90	4.12	4.33	15.73	10.54	3.43	10.46	3.48	2.97	2.51
20	1.87	2.14	3.36	4.10	4.28	15.68	10.07	3.42	11.40	3.33	2.84	2.36
21	1.77	2.25	4.27	4.48	4.23	15.98	8.98	3.27	12.54	3.21	2.77	2.21
22	1.68	2.49	5.11	5.65	4.24	16.73	7.82	3.11	13.46	3.03	2.69	2.02
23	1.63	2.69	5.67	7.06	4.42	17.38	7.18	3.09	13.68	3.01	2.58	1.87
24	1.56	2.80	5.65	7.86	4.99	17.81	6.82	2.99	12.76	2.91	2.53	1.82
25	1.50	2.92	5.80	7.95	5.73	18.07	6.40	3.02	10.05	2.78	2.51	1.75
26	1.45	2.98	6.02	7.81	6.66	18.11	6.07	3.32	7.88	2.85	2.45	1.75
27	1.42	3.06	5.36	7.34	7.31	17.93	6.05	3.61	6.78	2.89	2.38	1.77
28	1.39	3.16	4.76	6.69	7.74	17.67	5.95	3.76	6.04	2.92	2.30	1.87
29	1.38	3.23	5.53	6.19	---	17.40	5.78	3.88	6.21	3.55	2.24	2.01
30	1.37	3.26	6.30	5.79	---	17.13	5.57	3.84	6.35	5.17	2.18	2.17
31	1.35	---	6.46	5.43	---	16.95	---	3.88	---	6.20	2.17	---
MEAN	2.06	1.97	3.95	5.82	5.08	14.01	11.15	3.78	7.80	5.18	3.55	2.27
MAX	3.48	3.26	6.46	7.95	7.74	18.11	16.72	5.38	13.68	8.19	7.02	2.65
MIN	1.35	1.28	2.69	4.10	4.23	7.11	5.57	2.99	4.10	2.78	2.17	1.75

STATION NUMBER 02225000 ALTAMAHA RIVER NEAR BAXLEY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 315620 LONGITUDE 0822113 DRAINAGE AREA 11600.00 DATUM 61.51 STATE 13 COUNTY 001

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	.00	.00	.00	.00	.01	.00	.00	.00	.05	.15	.00	.11
2	.00	.00	.04	.00	.00	.31	.00	.00	.00	.03	.00	1.70
3	.00	.00	.00	.00	.00	1.64	.50	.00	.00	.48	.00	.53
4	.02	.00	.00	.00	.27	.23	.00	.00	.47	.82	.00	.00
5	.00	.01	.00	.00	.00	.00	.01	.00	.08	.06	.31	.08
6	.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.22	.00	.00	.00	.00	.80	.00	.00	.00
9	.00	.27	.45	.00	.00	.03	.00	.00	.07	.00	.00	1.11
10	.00	.01	.26	.00	.08	.00	.00	.00	.17	.00	.00	.00
11	.00	.00	.07	.14	.00	.00	.00	.00	.20	.00	.18	.04
12	.00	.00	.01	.02	.00	1.62	.00	.08	.35	.00	.00	.23
13	.00	.02	.00	.00	.00	.11	.11	.00	.53	.03	.00	.00
14	.00	.02	.14	.00	.00	.19	.00	.00	.21	.00	.62	.01
15	.00	.00	.33	.00	.00	.95	.16	.00	.13	.00	.00	.00
16	.00	.02	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.09	.00	.02	.03	.00	.00	.00	.00	.00	.00	.00
18	.00	.31	.00	.00	.00	.01	.00	.00	.00	.00	1.32	.00
19	.00	1.37	.09	.26	.00	.09	.00	.00	.23	.00	1.47	.00
20	.00	.00	.00	.15	.00	.86	.00	.11	.00	.08	.00	.01
21	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.03
22	.00	.00	.00	.00	.33	.00	.00	.78	.91	.00	.00	.00
23	.00	.00	.00	.00	.01	.00	.00	.00	.05	1.07	.00	.14
24	.00	.23	.00	.00	.00	.00	.00	.00	.00	.06	.00	.84
25	.00	.37	.00	.00	.00	.07	.14	.00	.00	.09	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.70	.00	.00
27	.00	.00	.02	.00	.00	.00	.00	.00	.26	.00	.00	.00
28	.00	.00	2.02	.00	.00	.00	.00	.03	.21	.01	.00	.00
29	.00	.00	.00	.00	---	.63	.00	1.12	.04	.00	.00	.00
30	.00	.00	.00	.22	---	.01	.00	.00	1.47	.07	.00	.00
31	.00	---	.00	.02	---	.01	---	.00	---	.01	.17	---
TOTAL	0.13	2.72	3.69	1.05	0.73	6.76	0.92	2.12	6.27	3.66	4.09	4.83

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02225250 LITTLE OHOOPEE RIVER AT US 80, NEAR SWAINSBORO, GA**

**LOCATION.**—Lat 32°33'44", long 82°28'03", Emanuel County, Hydrologic Unit 03070107, at US Highway 80, 9.0 miles west of Swainsboro.

**DRAINAGE AREA.**--216 mi<sup>2</sup>.

**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 sea level.

**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 ft<sup>3</sup>/s, October 13, 1990

**MAXIMUM FOR CURRENT YEAR.--**

**STAGE:** <6.91 feet, Not determined, stage below bottom of gage.

**DISCHARGE:** <2,240 ft<sup>3</sup>/s, Not determined, stage below bottom of gage.

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02225330 BEAVER CREEK NEAR COBBTOWN, GA**

**LOCATION.**--Lat 32°16'52", long 81°11'27", Tattnall County, Hydrologic Unit 03070107, at culvert on GA Highway 152, 3.2 miles west of Cobbtown.

**DRAINAGE AREA.**--9.58 mi<sup>2</sup>.

**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 feet above sea level (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 ft<sup>3</sup>/s, August 24, 1991

**MAXIMUM FOR CURRENT YEAR.**--

**STAGE:** 4.41 feet, March 12

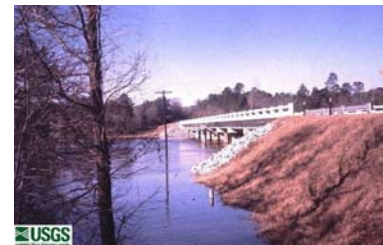
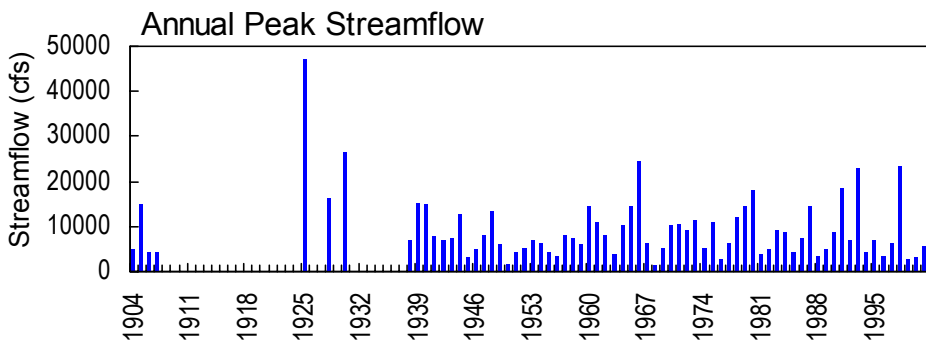
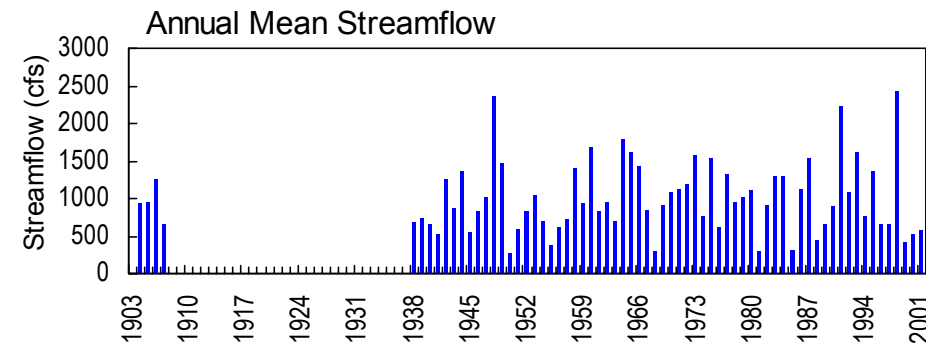
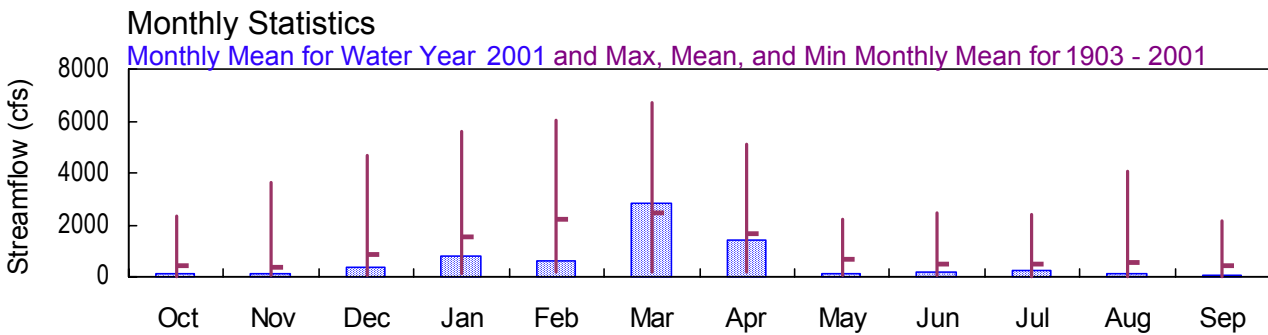
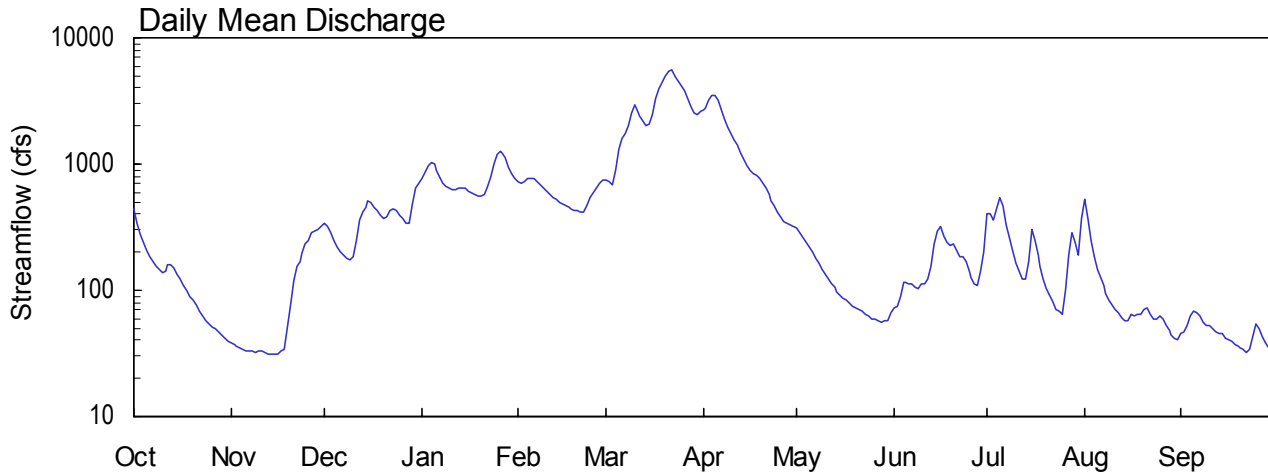
**DISCHARGE:** 232 ft<sup>3</sup>/s, March 12

# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA

Latitude: 32° 04' 42" Longitude: 82° 10' 39" Hydrologic Unit Code: 03070107 Tattnall County  
Drainage Area: 1110 mi<sup>2</sup> Datum: 73.8 feet Period of Record: 1903 - 2001



02225500 - Choopee River at Reidsville, GA - February 16, 1965

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA**

**LOCATION.**—Lat 32°04'42", long 82°10'39", Tattnall County, Hydrologic Unit 03070107, on downstream side of pier near center span of bridge on GA Highway 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<sup>2</sup>, 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.**—Phone telemetry with a water-stage recorder. Datum of gage is 73.8 feet above sea level (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 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<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**—Peak discharges greater than base discharge of 3,800 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 22	0445	5,680*	14.43*
No other peaks greater than base discharge			

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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.**—Phone telemetry with a water-stage recorder. Datum of gage is 73.8 feet above sea level (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, 14.43 feet, March 22; minimum gage-height recorded, 0.77 feet, September 22.

STATION NUMBER 02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320442 LONGITUDE 0821039 DRAINAGE AREA 1110.00 DATUM 73.80 STATE 13 COUNTY 267

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	447	38	339	771	729	755	2660	309	73	404	530	46
2	343	37	323	870	715	732	2790	286	75	403	375	47
3	280	36	283	974	726	693	3170	261	90	365	248	53
4	238	35	245	1040	762	885	3530	239	115	436	186	63
5	209	34	218	1010	777	1310	3550	221	115	535	145	68
6	187	33	201	886	761	1610	3190	201	114	474	125	66
7	170	33	188	787	723	1720	2670	181	112	332	109	62
8	157	33	180	715	678	2010	2250	164	105	262	94	56
9	146	32	176	671	639	2520	1970	148	102	209	84	52
10	136	33	186	647	610	2900	1750	134	113	165	76	52
11	140	33	247	625	581	2790	1560	122	111	140	71	50
12	158	32	358	619	550	2420	1400	113	124	123	66	47
13	161	31	415	640	525	2180	1240	105	156	161	61	45
14	150	31	459	655	501	2020	1100	97	231	169	57	45
15	135	31	508	637	483	2070	975	91	297	302	58	42
16	122	31	498	613	473	2440	892	87	321	248	64	40
17	110	33	460	595	459	3260	847	83	267	189	62	39
18	99	34	425	580	442	3880	814	79	242	155	65	37
19	90	51	393	563	433	4420	760	75	228	124	64	36
20	83	77	367	554	424	5000	702	73	230	104	70	35
21	76	120	380	579	418	5480	639	71	205	91	72	34
22	69	157	426	665	420	5530	574	68	184	81	65	32
23	63	169	443	802	462	4900	514	65	187	71	59	34
24	58	198	427	1010	543	4500	463	62	167	68	60	43
25	54	233	398	1190	591	4150	418	59	143	65	63	55
26	51	247	369	1270	644	3770	379	59	126	101	59	49
27	49	284	342	1240	704	3310	354	57	111	190	53	43
28	47	295	340	1110	743	2850	339	56	108	282	48	38
29	44	299	488	951	---	2540	331	57	140	239	44	35
30	42	324	649	831	---	2490	325	57	199	191	42	33
31	39	---	715	760	---	2580	---	66	---	376	41	---
TOTAL	4153	3054	11446	24860	16516	87715	42156	3746	4791	7015	3216	1377
MEAN	134	102	369	802	590	2830	1405	121	160	226	104	45.9
MAX	447	324	715	1270	777	5530	3550	309	321	535	530	68
MIN	39	31	176	554	418	693	325	56	73	65	41	32
CFSM	.12	.09	.33	.72	.53	2.55	1.27	.11	.14	.20	.09	.04
IN.	.14	.10	.38	.83	.55	2.94	1.41	.13	.16	.24	.11	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1903 - 2001, BY WATER YEAR (WY)

	451	390	859	1509	2198	2486	1658	682	473	489	582	426
MEAN	451	390	859	1509	2198	2486	1658	682	473	489	582	426
MAX	2325	3638	4674	5618	6017	6693	5120	2220	2453	2386	4069	2128
(WY)	1991	1948	1948	1987	1998	1966	1944	1964	1903	1941	1991	1949
MIN	20.8	31.2	58.4	97.7	154	176	166	49.4	37.6	27.1	30.5	23.0
(WY)	1955	1955	1959	1981	1950	1938	1968	1985	1985	1986	1954	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1903 - 2001

ANNUAL TOTAL		174503		210045								
ANNUAL MEAN		477		575						1005		
HIGHEST ANNUAL MEAN										2415		1998
LOWEST ANNUAL MEAN										271		1950
HIGHEST DAILY MEAN			3150	Mar 24		5530	Mar 22			23600	Mar 6	1966
LOWEST DAILY MEAN			29	Aug 30		31	Nov 13			19	Sep 12	1954
ANNUAL SEVEN-DAY MINIMUM			30	Aug 29		32	Nov 10			20	Sep 8	1954
MAXIMUM PEAK FLOW						5680	Mar 22			24400	Mar 6	1966
MAXIMUM PEAK STAGE						14.43	Mar 22			23.34	Mar 6	1966
INSTANTANEOUS LOW FLOW										19	Sep 12	1954
ANNUAL RUNOFF (CFSM)			.43			.52				.91		
ANNUAL RUNOFF (INCHES)			5.85			7.04				12.30		
10 PERCENT EXCEEDS			1490			1580				2730		
50 PERCENT EXCEEDS			148			221				402		
90 PERCENT EXCEEDS			34			44				60		

STATISTICS COMPUTED BY: smithca

DATE: 03/20/2002 AT: 08:19:16



STATION NUMBER 02225500 OHOOPEE RIVER NEAR REIDSVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320442 LONGITUDE 0821039 DRAINAGE AREA 1110.00 DATUM 73.80 STATE 13 COUNTY 267  
 PROVISIONAL DATA SUBJECT TO REVISION

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

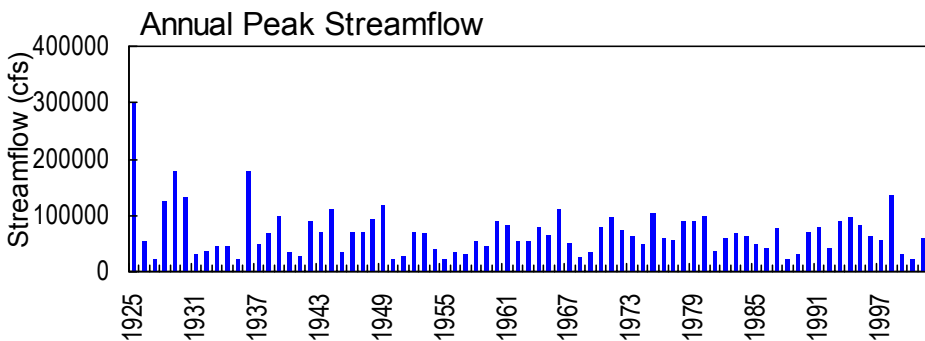
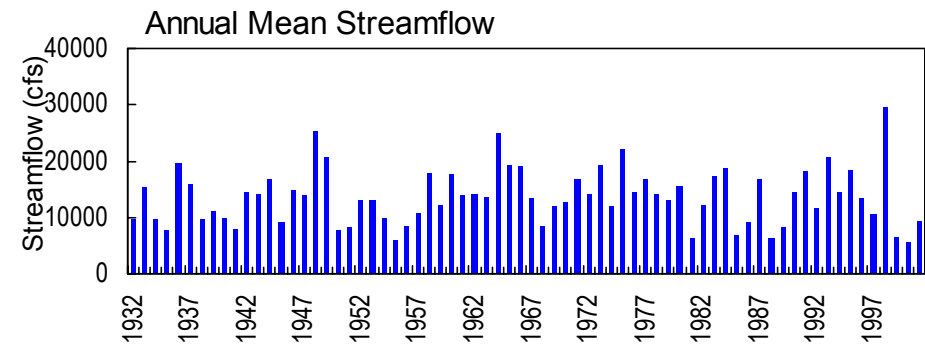
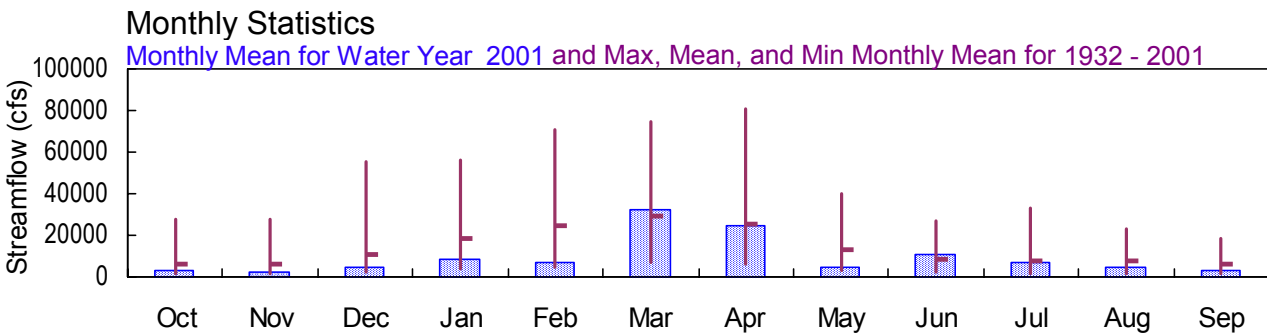
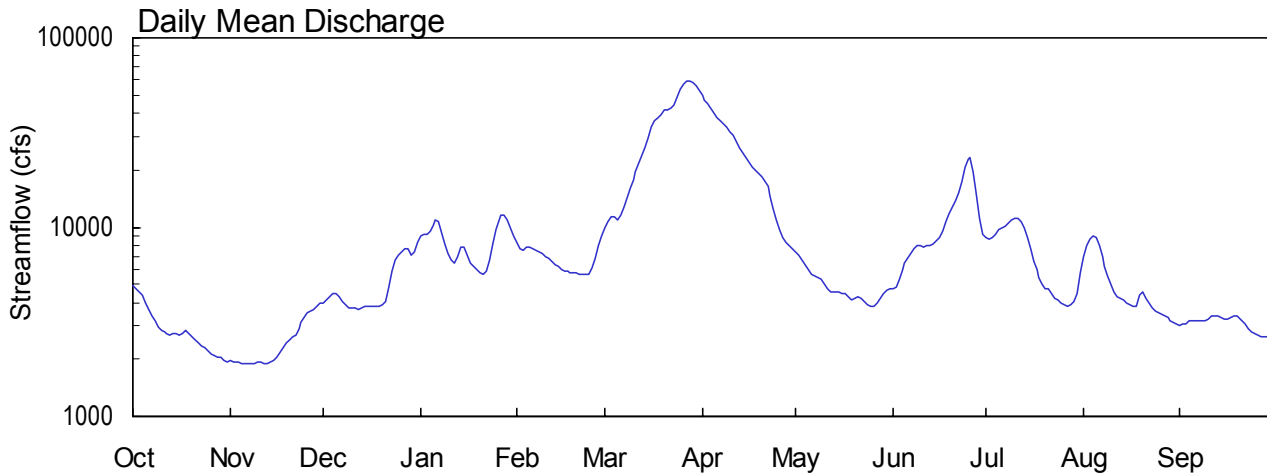
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.35	.91	3.62	5.89	5.68	5.81	10.83	3.50	1.54	4.14	4.70	.99
2	3.68	.90	3.51	6.33	5.61	5.70	11.02	3.34	1.57	4.14	3.78	1.02
3	3.22	.89	3.23	6.77	5.67	5.51	11.56	3.17	1.74	3.90	2.93	1.11
4	2.90	.87	2.97	7.06	5.84	6.37	12.05	3.03	1.99	4.34	2.45	1.23
5	2.67	.87	2.77	6.92	5.90	7.98	12.07	2.88	2.00	4.91	2.10	1.30
6	2.49	.85	2.63	6.39	5.83	8.82	11.58	2.73	1.98	4.55	1.91	1.28
7	2.34	.85	2.53	5.95	5.65	9.10	10.84	2.57	1.96	3.69	1.76	1.22
8	2.22	.85	2.46	5.61	5.44	9.72	10.17	2.43	1.90	3.21	1.60	1.14
9	2.13	.84	2.43	5.40	5.24	10.61	9.63	2.28	1.87	2.81	1.49	1.08
10	2.03	.85	2.51	5.28	5.09	11.19	9.16	2.16	1.97	2.46	1.40	1.08
11	2.07	.85	2.96	5.17	4.94	11.03	8.72	2.04	1.96	2.23	1.33	1.06
12	2.23	.84	3.72	5.14	4.77	10.46	8.30	1.96	2.09	2.07	1.27	1.01
13	2.25	.83	4.08	5.25	4.64	10.04	7.85	1.88	2.37	2.06	1.20	.99
14	2.15	.83	4.33	5.32	4.51	9.73	7.35	1.80	2.98	2.48	1.16	.98
15	2.03	.83	4.62	5.23	4.40	9.84	6.89	1.73	3.45	3.49	1.16	.94
16	1.91	.83	4.55	5.11	4.35	10.48	6.55	1.69	3.62	3.10	1.25	.91
17	1.79	.85	4.33	5.01	4.26	11.68	6.37	1.64	3.25	2.66	1.22	.89
18	1.67	.88	4.12	4.93	4.16	12.48	6.23	1.60	3.07	2.37	1.26	.87
19	1.58	1.12	3.92	4.85	4.11	13.13	6.00	1.56	2.96	2.08	1.25	.85
20	1.49	1.47	3.75	4.80	4.06	13.75	5.72	1.53	2.97	1.88	1.33	.83
21	1.41	1.92	3.84	4.93	4.02	14.24	5.41	1.50	2.78	1.75	1.35	.81
22	1.34	2.27	4.12	5.37	4.04	14.29	5.07	1.46	2.61	1.63	1.26	.78
23	1.26	2.37	4.21	6.02	4.28	13.66	4.75	1.43	2.64	1.51	1.18	.82
24	1.20	2.61	4.11	6.91	4.74	13.22	4.47	1.40	2.47	1.48	1.20	.96
25	1.15	2.88	3.93	7.62	4.99	12.82	4.20	1.37	2.26	1.44	1.23	1.13
26	1.11	2.98	3.75	7.89	5.27	12.34	3.96	1.36	2.10	1.82	1.18	1.05
27	1.08	3.24	3.58	7.80	5.56	11.75	3.80	1.34	1.96	2.61	1.10	.96
28	1.04	3.32	3.55	7.30	5.75	11.11	3.71	1.32	1.93	3.27	1.03	.88
29	1.01	3.35	4.45	6.67	---	10.64	3.65	1.33	2.23	2.93	.98	.83
30	.98	3.51	5.31	6.15	---	10.56	3.61	1.33	2.73	2.53	.95	.80
31	.94	---	5.63	5.83	---	10.71	---	1.45	---	3.77	.93	---
MEAN	1.93	1.55	3.73	5.96	4.96	10.61	7.38	1.96	2.37	2.82	1.58	.99
MAX	4.35	3.51	5.63	7.89	5.90	14.29	12.07	3.50	3.62	4.91	4.70	1.30
MIN	.94	.83	2.43	4.80	4.02	5.51	3.61	1.32	1.54	1.44	.93	.78

# ALTAMAHA RIVER BASIN

## 2001 Water Year

### 02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA

Latitude: 31° 39' 16" Longitude: 81° 49' 41" Hydrologic Unit Code: 03070106 Wayne County  
 Drainage Area: 13600 mi<sup>2</sup> Datum: 24.48 feet Period of Record: 1932 - 2001



**ALTAMAHA RIVER BASIN  
2001 Water Year**

**02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA**

**LOCATION.**--Lat 31°39'16", long 81°49'41", Wayne-Long County line, Hydrologic Unit 03070106, on right bank 60 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<sup>2</sup>, 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.**—Phone telemetry with a water-stage recorder. Datum of gage is 24.48 feet above sea level. 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 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<sup>3</sup>/s taken from a rating curve extended above 180,000 ft<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 30,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 28	0645	59,800	12.85
No other peak greater than base discharge			

**ALTAMAHA RIVER BASIN  
2001 Water Year**

**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.**—Phone telemetry with a water-stage recorder. Datum of gage is 24.48 feet above sea level. 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, 12.85 feet, March 28; minimum gage-height recorded, 1.89 feet, November 6-7.

STATION NUMBER 02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 313916 LONGITUDE 0814941 DRAINAGE AREA 13600 DATUM 24.48 STATE 13 COUNTY 305

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	4880	1970	4000	9010	8280	9880	49400	7420	4720	8750	7010	3040
2	4760	1950	4110	9250	7720	10700	47200	7090	4870	8650	8030	3080
3	4550	1930	4310	9140	7590	11300	45200	6770	5280	8740	8660	3110
4	4360	1920	4490	9440	7810	11300	42900	6370	5950	9170	8940	3220
5	4010	1910	4480	10200	7820	11000	40300	5960	6500	9750	8790	3240
6	3680	1900	4290	10900	7700	11500	38200	5690	6840	9990	8020	3210
7	3410	1890	4060	10700	7570	12700	36500	5560	7310	10100	6980	3190
8	3180	1900	3870	9330	7440	14300	35100	5450	7750	10600	6170	3180
9	2990	1900	3750	8110	7220	16000	33600	5300	8010	10900	5510	3220
10	2850	1920	3750	7210	6990	17700	32000	5050	7990	11100	4990	3290
11	2790	1920	3720	6690	6800	19400	30300	4760	7820	11100	4560	3370
12	2730	1910	3710	6470	6600	21400	28400	4580	7950	10700	4330	3410
13	2720	1910	3750	6920	6390	23900	26400	4540	8010	9930	4200	3370
14	2760	1930	3830	7850	6170	26100	24700	4550	8190	8870	4110	3340
15	2760	1960	3840	7880	5990	29500	23100	4520	8410	7650	4000	3280
16	2720	2040	3790	7070	5860	33700	21800	4500	8740	6600	3860	3280
17	2750	2180	3810	6510	5810	36200	20800	4430	9560	5920	3800	3330
18	2830	2300	3820	6160	5800	37500	20000	4270	10700	5430	3850	3380
19	2740	2430	3830	5920	5790	39100	19300	4160	11800	5040	4390	3380
20	2620	2540	3860	5800	5750	41500	18400	4210	12700	4740	4560	3320
21	2540	2620	4090	5690	5670	42100	17500	4270	13800	4750	4180	3200
22	2460	2710	4850	5850	5610	42400	16400	4180	15300	4500	3940	3080
23	2370	2900	5810	6740	5590	44200	14600	4030	17400	4250	3780	2920
24	2290	3130	6700	8230	5640	48400	12500	3920	20600	4100	3630	2810
25	2220	3360	7120	9740	6140	53200	10900	3830	23000	3990	3520	2740
26	2150	3510	7360	10900	6900	57000	9650	3800	23100	3860	3440	2670
27	2100	3620	7720	11500	7950	59200	8730	3940	19700	3820	3380	2640
28	2060	3710	7640	11600	8930	59400	8260	4230	14800	3930	3310	2640
29	2040	3830	7080	11000	---	58000	8020	4500	11100	4070	3230	2660
30	1980	3940	7340	10000	---	55400	7750	4680	9120	4450	3160	2720
31	1950	---	8390	9000	---	52200	---	4710	---	5760	3100	---
TOTAL	90250	73640	153170	260810	189560	1006180	747910	151270	327020	221210	153430	93320
MEAN	2911	2455	4941	8413	6770	32460	24930	4880	10900	7136	4949	3111
MAX	4880	3940	8390	11600	8930	59400	49400	7420	23100	11100	8940	3410
MIN	1950	1890	3710	5690	5590	9880	7750	3800	4720	3820	3100	2640
CFSM	.21	.18	.36	.62	.50	2.39	1.83	.36	.80	.52	.36	.23
IN.	.25	.20	.42	.71	.52	2.75	2.05	.41	.89	.61	.42	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2001, BY WATER YEAR (WY)

MEAN	6232	6187	11120	18510	24980	29540	25180	12780	8604	7645	7538	6019
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	2688	3568	4512	6795	6191	2991	1940	1736	1773	1874
(WY)	1955	1955	1955	1981	1989	1938	1985	1986	2000	2000	2000	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1932 - 2001

ANNUAL TOTAL		2064560		3467770								
ANNUAL MEAN		5641		9501						13630		
HIGHEST ANNUAL MEAN										29390		1998
LOWEST ANNUAL MEAN										5759		2000
HIGHEST DAILY MEAN			22600	Mar 31		59400	Mar 28			178000	Apr 18	1936
LOWEST DAILY MEAN			1410	Aug 30		1890	Nov 7			1410	Aug 30	2000
ANNUAL SEVEN-DAY MINIMUM			1440	Aug 26		1910	Nov 4			1440	Aug 26	2000
MAXIMUM PEAK FLOW						59800	Mar 28			178000	Apr 18	1936
MAXIMUM PEAK STAGE						12.85	Mar 28			16.03	Apr 18	1936
ANNUAL RUNOFF (CFSM)		.41				.70				1.00		
ANNUAL RUNOFF (INCHES)		5.65				9.49				13.62		
10 PERCENT EXCEEDS			13900			22300				31400		
50 PERCENT EXCEEDS			3660			5690				8140		
90 PERCENT EXCEEDS			1710			2670				3230		

STATISTICS COMPUTED BY: rnichols

DATE: 03/05/2002 AT: 16:18:45

STATION NUMBER 02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 313916 LONGITUDE 0814941 DRAINAGE AREA 13600 DATUM 24.48 STATE 13 COUNTY 305

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	5.27	2.01	4.43	7.92	7.58	8.19	12.31	7.16	4.99	7.80	6.91	3.17
2	5.16	1.97	4.54	8.01	7.31	8.42	12.19	6.98	5.13	7.75	7.46	3.21
3	4.96	1.94	4.74	7.97	7.25	8.56	12.07	6.75	5.52	7.79	7.76	3.25
4	4.78	1.93	4.90	8.07	7.36	8.57	11.93	6.45	6.12	7.98	7.88	3.38
5	4.44	1.92	4.89	8.28	7.36	8.50	11.76	6.13	6.55	8.16	7.81	3.41
6	4.09	1.90	4.71	8.46	7.30	8.63	11.61	5.90	6.81	8.23	7.45	3.36
7	3.78	1.90	4.49	8.41	7.24	8.91	11.50	5.78	7.10	8.27	6.90	3.35
8	3.51	1.91	4.30	8.02	7.17	9.20	11.39	5.68	7.33	8.38	6.29	3.34
9	3.28	1.91	4.17	7.50	7.06	9.44	11.28	5.54	7.45	8.46	5.73	3.38
10	3.12	1.93	4.17	7.05	6.92	9.67	11.15	5.31	7.44	8.51	5.25	3.46
11	3.04	1.94	4.14	6.70	6.77	9.88	11.00	5.03	7.36	8.52	4.83	3.56
12	2.97	1.92	4.12	6.52	6.63	10.10	10.83	4.85	7.42	8.42	4.59	3.61
13	2.96	1.92	4.17	6.85	6.46	10.39	10.65	4.81	7.45	8.21	4.47	3.56
14	3.00	1.95	4.25	7.37	6.29	10.61	10.47	4.82	7.54	7.85	4.37	3.52
15	3.01	1.99	4.27	7.39	6.15	10.93	10.30	4.79	7.64	7.27	4.26	3.45
16	2.96	2.10	4.21	6.96	6.04	11.28	10.15	4.77	7.80	6.62	4.10	3.45
17	2.99	2.29	4.24	6.55	6.01	11.47	10.03	4.70	8.10	6.09	4.05	3.51
18	3.09	2.44	4.24	6.29	6.00	11.57	9.94	4.54	8.42	5.66	4.09	3.57
19	2.98	2.60	4.25	6.10	6.00	11.68	9.86	4.42	8.69	5.30	4.66	3.57
20	2.83	2.73	4.29	6.00	5.95	11.84	9.76	4.47	8.92	5.01	4.83	3.49
21	2.73	2.83	4.51	5.90	5.88	11.88	9.64	4.54	9.12	5.02	4.45	3.36
22	2.64	2.95	5.22	6.04	5.83	11.90	9.50	4.44	9.34	4.77	4.19	3.21
23	2.52	3.18	6.05	6.72	5.81	12.01	9.24	4.29	9.63	4.52	4.02	3.02
24	2.42	3.46	6.72	7.56	5.88	12.26	8.86	4.17	10.01	4.36	3.85	2.89
25	2.34	3.73	7.01	8.15	6.27	12.52	8.47	4.08	10.28	4.25	3.72	2.80
26	2.25	3.89	7.13	8.48	6.84	12.71	8.13	4.05	10.30	4.11	3.64	2.72
27	2.18	4.02	7.31	8.63	7.42	12.82	7.79	4.19	9.90	4.06	3.57	2.67
28	2.13	4.13	7.27	8.64	7.88	12.83	7.57	4.49	9.26	4.18	3.49	2.67
29	2.09	4.26	6.97	8.50	---	12.77	7.46	4.77	8.51	4.33	3.39	2.70
30	2.02	4.37	7.12	8.23	---	12.63	7.33	4.95	7.95	4.72	3.30	2.78
31	1.97	---	7.63	7.91	---	12.47	---	4.98	---	5.95	3.24	---
MEAN	3.15	2.60	5.18	7.46	6.67	10.79	10.14	5.09	7.94	6.47	4.99	3.25
MAX	5.27	4.37	7.63	8.64	7.88	12.83	12.31	7.16	10.30	8.52	7.88	3.61
MIN	1.97	1.90	4.12	5.90	5.81	8.19	7.33	4.05	4.99	4.06	3.24	2.67

**BRUNSWICK RIVER BASIN  
2001 Water Year**

**02226178 EAST RIVER AT MAYORS POINT TERMINAL, AT BRUNSWICK, GA**

**LOCATION.**--Lat 31°08'38", long 81°29'49", 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.**—U.S. Army Corps of Engineers, Savannah District.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--May 1988 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is sea level (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, 6.56 feet, September 14; minimum gage-height recorded, -5.94 feet, January 9.

STATION NUMBER 02226178 EAST RIVER AT MAYORS PT TERMINAL, AT BRUNSWICK, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 310838 LONGITUDE 0812949 DRAINAGE AREA DATUM STATE 13 COUNTY 127

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH					
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	5.35	-1.62	4.27	-1.77	---	---	2.91	-3.39	2.34	-4.01	3.68	-3.01				
2	4.80	-1.98	4.08	-1.67	---	---	2.74	-2.82	2.60	-3.70	3.70	-3.23				
3	4.31	-1.78	3.92	-1.52	---	---	2.77	-2.93	2.84	-3.57	3.29	-3.50				
4	4.08	-1.47	3.75	-1.49	---	---	2.90	-3.55	3.71	-3.62	3.42	-4.01				
5	3.78	-1.73	3.96	-1.31	---	---	3.44	-4.48	4.13	-5.06	2.07	-5.04				
6	3.52	-2.15	4.07	-1.98	---	---	3.11	-4.69	4.32	-5.34	3.20	-5.41				
7	3.76	-1.72	3.81	-2.63	---	---	4.17	-4.68	4.76	-5.47	4.70	-5.42				
8	4.14	-1.51	4.00	-2.92	---	---	4.62	-4.97	4.84	-5.64	5.26	-4.70				
9	4.32	-1.96	4.52	-2.97	---	---	4.32	-5.94	4.82	-5.87	5.33	-4.92				
10	4.26	-2.36	4.20	-3.52	---	---	5.06	-5.80	4.31	-5.81	5.59	-4.83				
11	4.30	-2.93	5.27	-3.67	---	---	4.95	-5.58	4.50	-5.50	5.20	-4.43				
12	4.45	-3.25	5.65	-3.43	5.26	-4.61	4.81	-5.37	4.50	-4.16	4.61	-4.29				
13	4.63	-3.37	5.68	-3.58	5.71	-4.14	5.43	-4.08	3.94	-4.09	4.38	-4.69				
14	4.92	-3.31	5.17	-3.98	5.22	-4.27	4.86	-3.90	3.36	-3.71	3.62	-4.12				
15	4.81	-3.60	5.27	-3.82	4.63	-4.40	3.87	-3.92	3.21	-3.38	3.58	-3.54				
16	4.89	-3.50	5.00	-3.12	4.80	-3.22	3.45	-3.69	3.08	-3.28	3.28	-2.90				
17	4.91	-3.00	4.43	-3.54	3.51	-4.32	3.41	-3.26	3.18	-3.72	3.03	-3.00				
18	4.90	-2.78	4.47	-3.02	3.48	-3.93	3.73	-3.01	3.83	-2.58	3.24	-2.60				
19	4.79	-2.73	4.70	-2.17	3.54	-5.31	3.89	-3.69	4.08	-2.95	4.08	-1.65				
20	4.69	-2.40	4.48	-3.64	2.93	-3.97	3.46	-5.02	3.63	-3.41	5.82	-2.52				
21	4.64	-2.93	---	---	3.65	-3.86	2.87	-5.21	3.46	-3.72	3.68	-3.49				
22	4.66	-2.90	---	---	3.86	-3.92	3.73	-4.41	3.70	-3.88	3.36	-3.81				
23	5.21	-2.15	---	---	4.49	-3.99	4.26	-2.92	4.02	-3.55	3.88	-3.85				
24	5.16	-2.60	---	---	4.40	-3.43	4.16	-3.50	3.97	-3.50	3.80	-3.88				
25	5.20	-3.03	---	---	4.27	-3.77	3.35	-4.08	3.59	-3.87	3.99	-4.28				
26	5.38	-2.98	---	---	4.41	-2.84	3.90	-3.69	3.37	-4.19	3.98	-3.96				
27	5.21	-3.07	---	---	4.14	-3.48	3.19	-4.15	3.64	-3.81	4.15	-4.00				
28	5.02	-3.39	---	---	3.83	-3.44	3.25	-3.80	3.63	-3.42	4.62	-2.96				
29	5.19	-3.17	---	---	4.28	-2.82	3.14	-3.59	---	---	4.44	-3.51				
30	4.82	-2.61	---	---	2.69	-3.84	2.96	-3.82	---	---	3.66	-3.83				
31	4.27	-2.39	---	---	2.84	-3.49	2.45	-3.96	---	---	3.71	-3.48				
MONTH	5.38	-3.60	---	---	---	---	5.43	-5.94	4.84	-5.87	5.82	-5.42				



STATION NUMBER 02226178 EAST RIVER AT MAYORS PT TERMINAL, AT BRUNSWICK, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 310838 LONGITUDE 0812949 DRAINAGE AREA DATUM STATE 13 COUNTY 127

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3.72	-4.23	4.13	-3.16	4.39	-3.99	4.30	-3.74	4.89	-2.26	3.68	-3.45
2	3.29	-3.60	4.14	-3.34	4.18	-4.49	4.18	-4.00	4.53	-2.50	4.20	-3.58
3	3.74	-4.28	4.04	-3.88	4.42	-4.46	4.62	-3.81	4.19	-2.96	4.28	-2.88
4	3.88	-4.17	4.26	-3.88	4.38	-4.76	4.25	-3.84	4.33	-3.32	4.14	-2.94
5	4.89	-3.79	4.70	-4.06	4.28	-4.40	3.87	-4.08	3.96	-3.35	3.94	-3.24
6	4.74	-4.65	4.92	-4.29	4.02	-4.44	3.96	-4.13	3.94	-3.29	4.10	-3.22
7	4.47	-5.28	5.63	-3.19	3.97	-4.13	4.15	-3.84	3.87	-3.14	4.42	-2.32
8	4.58	-5.40	5.23	-3.25	4.01	-3.80	3.69	-3.11	3.53	-3.21	4.24	-2.05
9	4.68	-5.10	4.78	-3.41	3.95	-3.61	3.65	-3.11	3.51	-3.08	4.06	-2.05
10	4.60	-4.61	4.38	-3.38	3.86	-3.06	3.47	-2.72	3.40	-2.98	3.99	-2.46
11	4.45	-4.00	4.08	-3.26	3.68	-2.88	3.61	-3.05	3.12	-3.34	4.15	-2.68
12	4.38	-3.57	3.81	-3.05	3.85	-2.56	3.15	-3.10	3.32	-3.21	5.11	-2.48
13	3.81	-3.36	3.40	-2.88	3.00	-3.19	3.56	-2.96	3.51	-3.69	5.38	-2.05
14	3.20	-3.00	3.75	-1.87	2.78	-3.35	4.16	-1.83	3.92	-4.02	6.56	-1.99
15	3.51	-2.38	3.54	-2.09	3.00	-3.52	3.87	-2.70	4.60	-3.60	6.04	-1.70
16	2.90	-2.92	3.56	-2.39	3.36	-3.72	4.24	-3.06	5.08	-3.88	6.45	-3.05
17	3.24	-3.21	3.96	-1.91	4.06	-3.42	4.57	-3.27	5.34	-4.50	6.04	-3.90
18	2.99	-3.17	4.14	-2.43	4.46	-3.37	4.83	-3.95	5.60	-5.09	5.71	-3.81
19	3.10	-3.32	4.16	-3.18	4.73	-3.98	5.03	-4.52	5.16	-5.35	5.38	-3.80
20	3.55	-3.86	4.49	-3.53	4.95	-4.27	5.74	-4.67	5.16	-5.33	5.01	-3.91
21	3.50	-4.09	4.69	-3.80	5.07	-4.55	6.54	-3.58	4.93	-5.18	4.90	-3.58
22	3.82	-4.46	4.87	-4.13	5.03	-4.60	6.28	-3.44	4.68	-4.73	4.76	-2.95
23	4.03	-4.55	5.14	-4.32	5.07	-4.48	5.02	-3.76	4.62	-4.05	4.59	-2.47
24	4.08	-4.60	5.15	-3.85	5.05	-4.39	4.89	-4.50	4.15	-3.85	4.24	-2.30
25	4.40	-4.82	5.03	-4.04	4.87	-3.99	4.69	-4.22	4.37	-3.24	3.94	-2.25
26	4.46	-3.68	4.83	-3.80	4.92	-3.83	4.24	-3.70	4.45	-2.38	3.79	-2.10
27	4.34	-3.74	4.74	-3.81	4.51	-3.88	3.81	-3.85	4.26	-2.62	3.95	-2.11
28	4.23	-3.77	4.65	-3.90	4.19	-3.77	4.16	-3.65	3.87	-3.10	4.19	-2.00
29	4.00	-3.44	4.32	-4.13	4.21	-3.50	4.31	-3.16	3.86	-3.27	4.92	-1.73
30	4.51	-3.18	4.14	-3.59	4.41	-3.64	4.02	-3.71	4.00	-3.11	4.68	-1.69
31	---	---	4.09	-3.80	---	---	4.83	-2.97	4.04	-3.18	---	---
MONTH	4.89	-5.40	5.63	-4.32	5.07	-4.76	6.54	-4.67	5.60	-5.35	6.56	-3.91

**BRUNSWICK RIVER BASIN**  
**2001 Water Year**

**022261792 SOUTH BRUNSWICK RIVER AT COLONELS ISLAND, NEAR BRUNSWICK, GA**

**LOCATION.**--Lat 31°07'55", long 81°32'13", 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.**—U.S. Army Corps of Engineers, Savannah District.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--May 1988 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is sea level (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records good.

**EXTREMES FOR PERIOD OF RECORD.**--Maximum gage-height recorded, 7.41 feet, February 7, 1993; minimum gage-height recorded, -7.21 feet, April 7, 1989.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 6.54 feet, September 14; minimum gage-height recorded, -6.03 feet, January 9.

STATION NUMBER 022261792 S BRUNSWICK RIVER-COLONELS ISLAND, NR BRUNSWICK, GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 310755 LONGITUDE 0813213 DATUM STATE 13 COUNTY 127

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	5.53	-1.71	4.39	-1.82	3.71	-2.23	2.86	-3.52	2.48	-3.95	3.79	-3.03
2	4.95	-2.08	4.21	-1.64	3.89	-1.68	2.73	-2.97	2.76	-3.71	3.82	-3.20
3	4.45	-1.84	4.05	-1.55	3.98	-1.19	2.77	-3.12	2.98	-3.55	3.39	-3.54
4	4.23	-1.48	3.88	-1.47	3.81	-1.50	2.88	-3.76	3.86	-3.69	3.55	-3.96
5	3.90	-1.75	4.10	-1.34	3.62	-2.57	3.38	-4.48	4.25	-5.05	2.16	-5.13
6	3.64	-2.14	4.23	-1.92	3.80	-3.15	3.25	-4.74	4.44	-5.40	3.33	-5.44
7	3.89	-1.68	3.95	-2.67	3.93	-3.83	4.28	-4.74	4.89	-5.52	4.82	-5.52
8	4.29	-1.51	4.15	-2.97	4.22	-4.38	4.72	-5.05	4.97	-5.71	5.37	-4.80
9	4.44	-2.02	4.68	-3.03	4.56	-4.62	4.42	-6.03	4.92	-5.96	5.45	-5.03
10	4.38	-2.35	4.36	-3.58	5.42	-4.06	5.17	-5.88	4.44	-5.88	5.71	-4.92
11	4.42	-3.01	5.41	-3.72	5.64	-4.51	5.05	-5.63	4.60	-5.57	5.34	-4.50
12	4.57	-3.32	5.77	-3.51	5.34	-4.84	4.92	-5.43	4.62	-4.22	4.77	-4.35
13	4.77	-3.46	5.82	-3.67	5.80	-4.42	5.54	-4.16	4.05	-4.12	4.63	-4.76
14	5.05	-3.38	5.27	-4.06	5.26	-4.62	4.99	-4.00	3.49	-3.75	3.76	-4.20
15	4.94	-3.69	5.41	-3.86	4.69	-4.70	4.01	-3.98	3.34	-3.42	3.69	-3.46
16	5.02	-3.60	5.14	-3.18	4.85	-3.46	3.58	-3.72	3.20	-3.33	3.38	-2.91
17	5.04	-3.09	4.57	-3.62	3.55	-4.57	3.53	-3.30	3.28	-3.79	3.15	-3.00
18	5.05	-2.81	4.58	-3.02	3.51	-4.17	3.86	-3.07	3.92	-2.66	3.36	-2.66
19	4.95	-2.74	4.82	-2.24	3.55	-5.65	4.03	-3.72	4.21	-3.02	4.22	-1.59
20	4.84	-2.45	4.62	-3.70	2.81	-4.26	3.58	-5.00	3.76	-3.46	5.98	-2.52
21	4.77	-2.94	3.59	-4.30	3.52	-4.19	2.99	-5.26	3.59	-3.79	3.81	-3.54
22	4.82	-2.96	4.11	-4.18	3.70	-4.18	3.87	-4.48	3.84	-3.94	3.49	-3.83
23	5.34	-2.18	4.15	-4.38	4.35	-4.30	4.16	-2.94	4.14	-3.62	4.01	-3.95
24	5.32	-2.66	4.62	-4.08	4.25	-3.78	4.28	-3.60	4.14	-3.58	3.93	-3.96
25	5.33	-3.10	5.10	-3.36	4.12	-4.12	3.46	-4.14	3.72	-3.92	4.10	-4.34
26	5.51	-3.05	4.39	-4.10	4.27	-3.17	4.01	-3.74	3.50	-4.26	4.09	-4.07
27	5.34	-3.16	4.10	-4.05	3.91	-3.89	3.35	-4.22	3.78	-3.87	4.27	-4.10
28	5.16	-3.50	3.94	-3.96	3.71	-3.72	3.35	-3.88	3.76	-3.46	4.78	-3.02
29	5.31	-3.24	3.79	-3.32	4.17	-3.11	3.28	-3.69	---	---	4.70	-3.60
30	4.95	-2.68	3.53	-3.44	2.66	-4.05	3.13	-3.89	---	---	3.77	-3.94
31	4.41	-2.48	---	---	2.83	-3.66	2.57	-4.03	---	---	3.86	-3.56
MONTH	5.53	-3.69	5.82	-4.38	5.80	-5.65	5.54	-6.03	4.97	-5.96	5.98	-5.52

STATION NUMBER 022261792 S BRUNSWICK RIVER-COLONELS ISLAND, NR BRUNSWICK,GA ESTUARY SOURCE AGENCY USGS  
 LATITUDE 310755 LONGITUDE 0813213 DATUM STATE 13 COUNTY 127

## GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3.84	-4.24	4.26	-3.17	4.47	-4.06	---	---	5.00	-2.34	3.68	-3.53
2	3.42	-3.67	4.27	-3.40	4.32	-4.56	---	---	4.68	-2.52	4.20	-3.72
3	3.88	-4.31	4.18	-3.95	4.53	-4.53	---	---	4.31	-2.94	4.31	-3.03
4	4.03	-4.27	4.42	-3.95	4.49	-4.82	---	---	4.48	-3.35	4.15	-3.11
5	5.01	-3.86	4.82	-4.09	4.39	-4.47	---	---	4.05	-3.40	3.95	-3.42
6	4.88	-4.75	5.06	-4.38	4.77	-4.50	---	---	4.06	-3.34	4.12	-3.42
7	4.59	-5.36	5.75	-3.28	4.73	-3.55	---	---	4.00	-3.19	4.42	-2.49
8	4.71	-5.49	5.37	-3.33	4.78	-3.21	---	---	3.67	-3.25	4.28	-2.20
9	4.82	-5.19	4.90	-3.51	4.72	-2.99	---	---	3.65	-3.10	4.07	-2.21
10	4.71	-4.70	4.51	-3.48	4.66	-2.43	---	---	3.55	-3.05	3.97	-2.62
11	4.56	-4.09	4.36	-3.31	4.46	-2.26	---	---	3.27	-3.36	4.14	-2.84
12	4.56	-3.60	3.94	-3.09	4.58	-1.94	---	---	3.47	-3.15	5.02	-2.58
13	3.93	-3.41	3.50	-2.95	3.75	-2.55	---	---	3.67	-3.70	5.37	-2.21
14	3.31	-2.97	3.87	-1.84	3.54	-2.73	---	---	4.11	-4.09	6.54	-2.17
15	3.64	-2.36	3.66	-2.09	3.74	-2.84	---	---	4.77	-3.64	6.08	-1.90
16	2.98	-2.87	3.70	-2.40	4.14	-2.98	---	---	5.22	-3.93	6.46	-3.32
17	3.38	-3.10	4.12	-1.93	4.82	-2.84	---	---	5.48	-4.55	6.04	-4.11
18	3.19	-3.13	4.25	-2.48	5.23	-2.77	---	---	5.66	-5.19	5.72	-4.05
19	3.31	-3.32	4.28	-3.26	5.45	-3.39	---	---	5.28	-5.46	5.37	-4.03
20	3.75	-3.82	4.61	-3.58	5.69	-3.68	---	---	5.28	-5.45	5.00	-4.14
21	3.70	-4.00	4.83	-3.87	---	---	---	---	5.02	-5.28	4.93	-3.79
22	4.00	-4.40	5.00	-4.22	---	---	---	---	4.82	-4.84	4.97	-2.98
23	4.23	-4.52	5.24	-4.38	---	---	---	---	4.82	-4.12	4.82	-2.41
24	4.27	-4.63	5.27	-3.92	---	---	---	---	4.26	-3.92	4.33	-2.26
25	4.51	-4.87	5.15	-4.12	---	---	---	---	4.49	-3.25	4.05	-2.19
26	4.58	-3.73	4.97	-3.84	---	---	4.38	-3.72	4.62	-2.42	3.89	-2.08
27	4.46	-3.80	4.97	-3.84	---	---	3.95	-3.86	4.41	-2.66	4.08	-2.13
28	4.46	-3.80	4.75	-3.98	---	---	4.30	-3.66	3.99	-3.08	4.35	-2.03
29	4.14	-3.42	4.40	-4.16	---	---	4.44	-3.18	4.00	-3.33	5.04	-1.69
30	4.64	-3.22	4.28	-3.63	---	---	4.10	-3.74	4.12	-3.18	4.86	-1.74
31	---	---	4.25	-3.85	---	---	5.00	-3.06	4.17	-3.23	---	---
MONTH	5.01	-5.49	5.75	-4.38	---	---	---	---	5.66	-5.46	6.54	-4.14

**BRUNSWICK RIVER BASIN  
2001 Water Year**

**02226180 BRUNSWICK RIVER AT ST. SIMONS ISLAND, GA**

**LOCATION.**--Lat 31°08'00", long 81°23'48", Glynn County, Hydrologic Unit 03070203, at downstream side of village pier, on St. Simons Island.

**DRAINAGE AREA.**—Indeterminant.

**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 sea level (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records good except for May 25 to June 1, 2001, 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, 6.17 feet, July 21; minimum gage-height recorded, -5.72 feet, January 9.

**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 STREAM SOURCE AGENCY USGS  
 LATITUDE 310800 LONGITUDE 0812348 DRAINAGE AREA 14200 DATUM STATE 13 COUNTY 127  
 DCP  
 GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	5.07	-1.40	---	---	---	---	2.30	-3.48	1.94	-3.85	3.33	-2.87
2	4.47	-1.78	---	---	---	---	2.11	-3.09	2.17	-3.70	3.35	-3.16
3	3.99	-1.65	---	---	---	---	2.15	-3.12	2.46	-3.49	2.89	-3.47
4	3.78	-1.39	---	---	---	---	2.28	-3.65	3.40	-3.46	3.06	-3.96
5	---	---	---	---	---	---	2.86	-4.42	3.85	-5.12	1.72	-4.90
6	3.18	-2.06	---	---	---	---	2.70	-4.52	4.03	-5.19	2.88	-5.17
7	3.29	-1.64	---	---	---	---	3.88	-4.68	4.43	-5.26	4.39	-5.15
8	3.81	-1.38	---	---	---	---	4.35	-4.79	4.57	-5.42	5.04	-4.43
9	3.95	-1.79	---	---	---	---	4.03	-5.72	4.57	-5.64	5.12	-4.66
10	3.88	-2.73	---	---	---	---	4.76	-5.58	4.06	-5.57	5.32	-4.56
11	3.86	-2.87	---	---	---	---	4.66	-5.34	4.17	-5.28	4.93	-4.19
12	4.07	-2.93	---	---	---	---	4.61	-5.10	4.00	-3.94	4.35	-4.12
13	4.28	-3.10	---	---	---	---	5.17	-3.88	3.57	-3.93	3.60	-4.51
14	4.60	-3.05	---	---	---	---	4.57	-3.66	3.00	-3.54	3.17	-3.96
15	4.48	-3.24	---	---	---	---	3.55	-3.73	2.84	-3.27	3.14	-3.62
16	4.46	-3.25	---	---	---	---	3.08	-3.57	2.67	-3.20	2.86	-2.84
17	4.56	-2.77	---	---	---	---	3.02	-3.11	2.79	-3.49	2.61	-3.02
18	4.57	-2.61	---	---	---	---	3.39	-2.92	3.45	-2.33	2.74	-2.53
19	4.44	-2.56	---	---	---	---	3.61	-3.62	3.73	-2.96	3.61	-1.72
20	4.33	-2.27	---	---	---	---	3.09	-5.07	3.28	-3.25	5.24	-2.46
21	4.23	-2.71	---	---	3.07	-3.91	2.44	-5.09	3.08	-3.57	3.41	-3.56
22	4.29	-2.69	---	---	3.30	-4.05	3.36	-4.25	3.34	-3.75	3.02	-3.66
23	4.77	-1.96	---	---	3.97	-4.11	3.91	-2.75	3.70	-3.39	3.55	-3.68
24	4.91	-2.77	---	---	3.84	-3.52	3.87	-3.30	3.65	-3.31	3.46	-3.69
25	4.82	-2.77	---	---	3.76	-3.83	2.98	-3.88	3.22	-3.68	3.65	-4.08
26	4.99	-2.76	---	---	3.85	-2.92	3.57	-3.50	3.00	-4.04	3.64	-3.73
27	4.81	-2.83	---	---	3.60	-3.50	2.86	-3.98	3.29	-3.61	3.83	-3.77
28	4.66	-3.15	---	---	3.24	-3.53	2.86	-3.66	3.33	-3.30	4.29	-2.79
29	4.87	-2.80	---	---	3.80	-2.82	2.77	-3.42	---	---	3.68	-3.27
30	4.43	-2.40	---	---	2.18	-3.86	2.48	-3.67	---	---	3.32	-3.71
31	4.00	-2.14	---	---	2.27	-3.60	1.99	-3.91	---	---	3.37	-3.37
MONTH	---	---	---	---	---	---	5.17	-5.72	4.57	-5.64	5.32	-5.17

STATION NUMBER 02226180 BRUNSWICK RIVER AT ST. SIMONS ISLAND, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 310800 LONGITUDE 0812348 DRAINAGE AREA 14200 DATUM STATE 13 COUNTY 127  
 DCP

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3.33	-4.18	3.91	-3.02	4.06	-3.89	---	---	4.46	-2.11	3.35	-3.21
2	2.87	-3.54	3.81	-3.15	3.81	-4.28	---	---	4.16	-2.46	3.83	-3.32
3	3.37	-4.24	3.75	-3.65	4.03	-4.29	---	---	3.82	-2.78	3.90	-2.76
4	3.42	-3.99	3.99	-3.64	3.98	-4.58	---	---	3.95	-3.16	3.77	-2.70
5	4.51	-3.47	4.48	-3.75	3.91	-4.24	---	---	3.57	-3.11	3.57	-3.06
6	4.40	-4.44	4.71	-4.02	---	---	---	---	3.55	-3.11	3.72	-3.03
7	4.17	-5.08	5.30	-2.93	---	---	3.78	-3.67	3.45	-2.98	4.02	-2.11
8	4.24	-5.17	5.02	-3.03	---	---	3.28	-2.92	3.15	-3.01	3.91	-1.91
9	4.35	-4.86	4.56	-3.11	---	---	3.31	-3.11	3.11	-2.96	3.67	-1.95
10	4.21	-4.36	4.19	-3.04	---	---	3.28	-2.65	3.01	-2.89	3.59	-2.35
11	4.14	-3.78	3.62	-2.95	---	---	3.28	-2.86	2.72	-3.17	3.81	-2.63
12	3.69	-3.32	3.44	-2.74	---	---	2.75	-2.94	2.86	-3.21	4.58	-2.35
13	3.44	-3.22	3.32	-2.70	---	---	3.15	-2.86	3.11	-3.56	4.87	-1.94
14	2.73	-2.93	3.50	-1.71	---	---	3.76	-1.69	3.51	-3.92	6.13	-1.88
15	3.11	-2.38	3.38	-1.93	2.56	-3.46	3.43	-2.67	4.22	-3.47	5.60	-1.60
16	2.45	-2.86	3.40	-2.10	2.98	-3.51	3.83	-2.95	4.71	-3.70	6.09	-2.82
17	2.84	-3.00	3.82	-1.53	3.67	-3.32	4.13	-3.17	4.97	-4.29	5.71	-3.63
18	2.60	-2.97	3.96	-2.08	4.06	-3.26	4.46	-3.76	5.21	-4.87	5.36	-3.55
19	2.70	-3.18	4.05	-2.75	4.40	-3.85	4.63	-4.35	4.83	-5.09	4.99	-3.54
20	3.10	-3.69	4.52	-3.04	4.59	-4.07	5.36	-4.43	4.76	-5.05	4.66	-3.62
21	3.04	-3.98	4.73	-3.20	4.69	-4.45	6.17	-3.29	4.56	-4.88	4.52	-3.32
22	3.47	-4.34	4.87	-3.56	---	---	5.90	-3.23	4.29	-4.45	4.40	-2.76
23	3.68	-4.35	5.31	-3.58	---	---	4.82	-3.46	4.21	-3.86	4.21	-2.38
24	3.72	-4.50	5.48	-3.08	---	---	4.36	-4.23	3.79	-3.67	3.87	-2.14
25	4.00	-4.65	5.72	-2.65	---	---	4.16	-3.98	3.92	-3.14	3.58	-2.21
26	4.16	-3.53	5.22	-2.81	---	---	3.87	-3.59	4.08	-2.29	3.41	-2.07
27	4.04	-3.63	4.72	-3.01	---	---	3.41	-3.40	3.92	-2.53	3.56	-1.98
28	3.64	-3.68	4.56	-3.46	---	---	3.77	-3.47	3.47	-3.02	3.80	-1.89
29	3.67	-3.36	4.51	-3.52	---	---	3.95	-3.05	3.44	-3.15	4.49	-1.52
30	4.16	-3.05	4.09	-3.24	---	---	3.61	-3.60	3.64	-3.00	4.33	-1.56
31	---	---	3.65	-3.64	---	---	4.37	-2.80	3.68	-3.07	---	---
MONTH	4.51	-5.17	5.72	-4.02	---	---	---	---	5.21	-5.09	6.13	-3.63

STATION NUMBER 02226180 BRUNSWICK RIVER AT ST. SIMONS ISLAND, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 310800 LONGITUDE 0812348 DRAINAGE AREA 14200 DATUM STATE 13 COUNTY 127

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	---	.00	.00	.00	.09	.00	.00	.00	.04	---	2.13	.00
2	---	.00	.00	.00	.01	.00	.00	.00	.00	---	.32	.00
3	---	.00	.00	.00	.00	.00	.16	.00	.00	---	.01	.00
4	---	.00	.00	.00	.40	.83	.04	.00	.00	---	.00	.00
5	---	.00	.00	.00	.00	.00	.00	.00	.00	---	.20	.00
6	.35	.00	.00	.00	.00	.00	.00	.00	---	---	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	---	.00	.00	.00
8	.00	.00	.00	.08	.00	.00	.00	.02	---	.00	.00	.00
9	.00	.00	.00	.00	.00	.19	.00	.00	---	.00	.00	.00
10	.00	.00	.00	.00	.03	.00	.00	.00	---	.00	.10	.00
11	.00	.00	1.41	.08	.01	.00	.00	.00	---	.00	.00	.00
12	.00	.00	---	.06	.00	.88	.00	.74	---	.00	.01	.00
13	.00	.00	---	.00	.00	1.38	.00	.00	---	.43	.00	.00
14	.00	.35	---	.00	.00	.01	.00	.00	---	.21	1.92	.00
15	.00	.00	---	.02	.00	.08	.14	.00	.03	.00	.00	.00
16	.00	.00	---	.00	.00	.20	.00	.00	.00	.00	.00	.00
17	.00	.06	---	.00	.06	.01	.00	.01	.00	.00	.00	.00
18	.00	.00	---	.01	.00	.85	.00	.00	.16	.00	2.05	.00
19	.00	.21	---	.00	.00	.44	.00	.00	.00	.00	.13	.00
20	.00	.00	---	.10	.00	.31	.00	.00	.33	.74	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	---	.43	.01	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	---	.03	.00	.00
23	.00	.00	.00	.63	.08	.00	.00	.00	---	.09	.00	.00
24	.00	.28	.00	.00	.00	.00	.00	.00	---	.38	.00	.00
25	.00	.76	.00	.00	.00	.08	.28	.00	---	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	---	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.78	---	---	.09	.00
28	.00	.00	1.36	.00	.00	.00	.00	.15	---	.00	.00	.00
29	.00	.00	.00	.01	---	.56	.00	.37	---	.00	.00	.00
30	.00	.00	.00	.04	---	.00	.00	.00	---	.11	.00	.00
31	.00	---	.00	.28	---	.01	---	.00	---	.11	.00	---
TOTAL	---	1.66	---	1.31	0.68	5.83	0.62	2.07	---	---	6.97	0.00

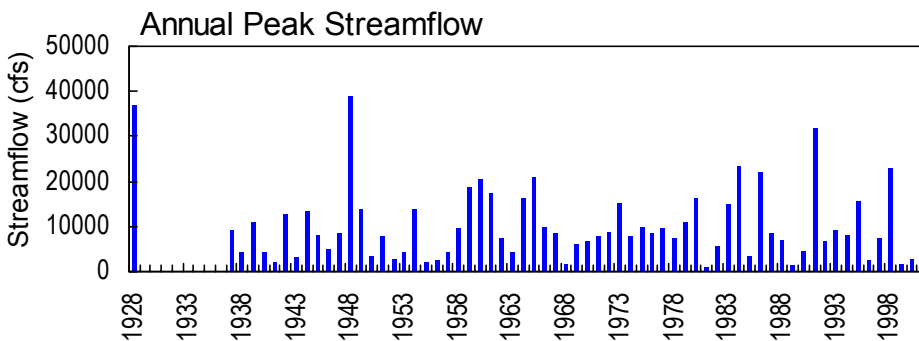
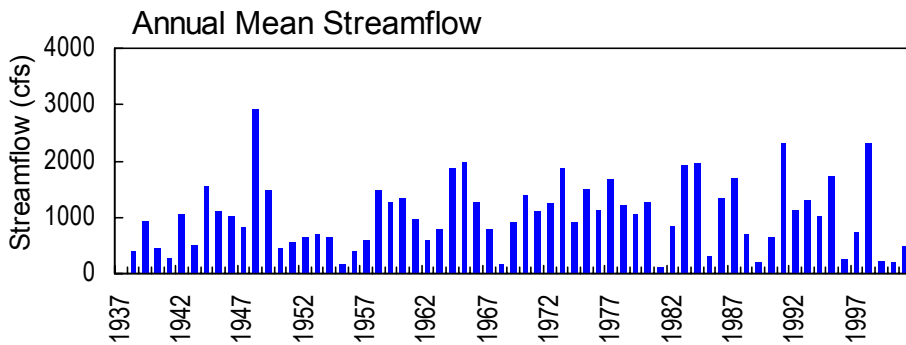
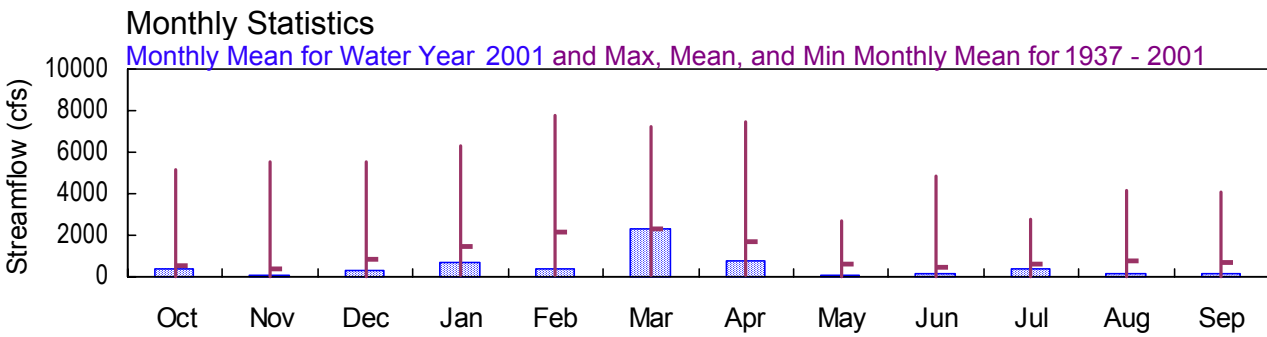
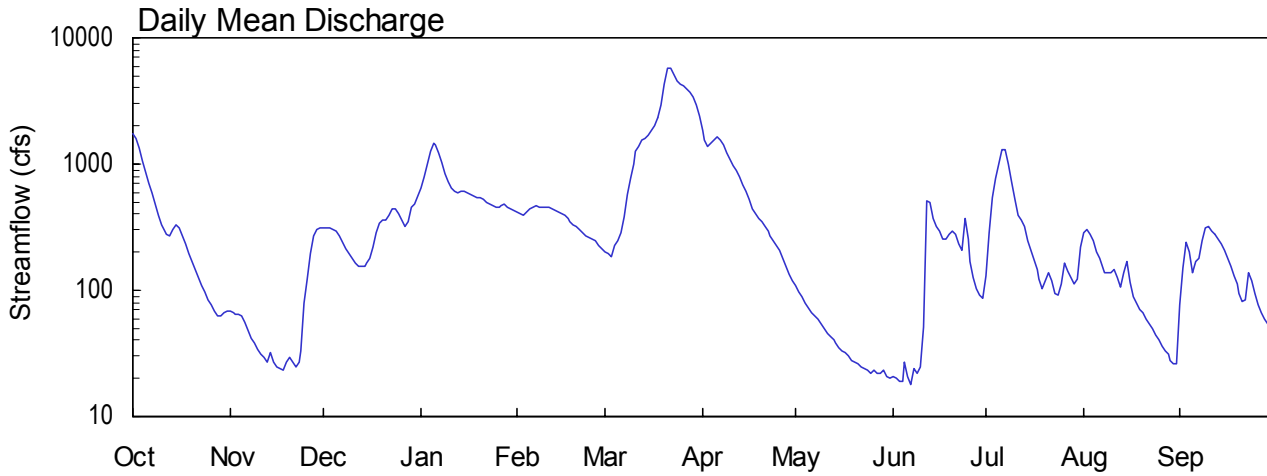


# SATILLA RIVER BASIN

## 2001 Water Year

### 02226500 SATILLA RIVER NEAR WAYCROSS, GA

Latitude: 31° 14' 17" Longitude: 82° 19' 29" Hydrologic Unit Code: 03070201 Ware County  
 Drainage Area: 1200 mi<sup>2</sup> Datum: 66.43 feet Period of Record: 1937 - 2001



USGS  
 02226500 - Satilla River near Waycross, GA

**SATILLA RIVER BASIN  
2001 Water Year**

**02226500 SATILLA RIVER NEAR WAYCROSS, GA**

**LOCATION.**--Lat 31°14'17", long 82°19'29", Ware-Pierce County line, Hydrologic Unit 03070201, on downstream side of pier near center span of bridge on GA Highway 38, 3.0 miles northeast of Waycross, and 16.0 miles upstream from Alabaha River.

**DRAINAGE AREA.**--1,200 mi<sup>2</sup>, 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 sea level. Prior to November 22, 1952, a non-recording gage was located at site 300 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.21	1830	6,040	15.76

No other peak greater than base discharge.

**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 sea level. Prior to November 22, 1952, a non-recording gage was located at site 300 feet downstream at same datum.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 15.76 feet, March 21; minimum gage-height recorded, 3.69 feet, June 7.

STATION NUMBER 02226500 SATILLA RIVER NEAR WAYCROSS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311417 LONGITUDE 0821929 DRAINAGE AREA 1200.00 DATUM 66.43 STATE 13 COUNTY 299

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	1760	68	311	643	417	204	1860	108	21	130	286	78
2	1600	66	309	785	403	193	1530	98	20	287	299	152
3	1340	65	312	1000	395	184	1390	88	19	535	276	242
4	1070	64	307	1260	415	227	1440	80	19	762	246	199
5	856	62	290	1440	440	249	1550	72	27	999	204	136
6	707	56	267	1430	454	285	1630	66	21	1290	179	168
7	595	48	240	1240	464	383	1570	62	18	1310	152	180
8	480	42	214	1020	460	577	1410	59	24	1010	139	247
9	390	38	194	848	454	766	1240	55	22	735	138	313
10	329	34	177	728	459	1000	1090	50	25	530	137	317
11	292	31	163	647	457	1250	975	46	51	392	147	296
12	275	29	155	605	447	1380	883	43	519	362	126	278
13	272	27	153	597	432	1560	789	41	498	317	106	254
14	303	32	155	607	420	1590	694	38	366	250	137	233
15	333	27	165	605	407	1690	603	35	322	210	169	206
16	313	25	181	587	391	1830	524	33	294	174	115	179
17	269	24	221	570	373	1990	446	32	256	144	88	153
18	230	23	286	559	354	2360	400	30	253	123	79	130
19	194	27	338	547	335	2910	374	28	277	104	71	111
20	168	29	356	542	319	4250	346	27	291	119	66	95
21	146	27	364	522	304	5830	320	26	278	137	60	82
22	127	25	397	502	289	5780	297	25	231	120	54	84
23	110	27	439	484	272	5150	273	24	209	93	49	137
24	96	33	440	466	261	4610	245	23	370	91	44	119
25	85	79	403	453	255	4340	225	22	256	112	40	93
26	77	123	356	454	244	4170	208	23	171	164	36	77
27	69	197	318	473	229	3990	178	22	127	143	33	e67
28	63	271	355	478	216	3730	153	22	104	125	31	e60
29	62	305	459	459	---	3380	133	23	91	111	28	e54
30	66	315	489	444	---	2930	118	21	86	123	26	50
31	68	---	555	427	---	2380	---	20	---	218	26	---
TOTAL	12745	2219	9369	21422	10366	71168	22894	1342	5266	11220	3587	4790
MEAN	411	74.0	302	691	370	2296	763	43.3	176	362	116	160
MAX	1760	315	555	1440	464	5830	1860	108	519	1310	299	317
MIN	62	23	153	427	216	184	118	20	18	91	26	50
CFSM	.34	.06	.25	.58	.31	1.91	.64	.04	.15	.30	.10	.13
IN.	.40	.07	.29	.66	.32	2.21	.71	.04	.16	.35	.11	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	
MEAN	557	360	873	1481	2122	2340	1711	588	444	593	764	656								
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	21.0	10.1	12.4	7.34								
(WY)	1955	1955	1955	1981	1989	1955	1938	1999	1954	1990	1954	1990								

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1937 - 2001

ANNUAL TOTAL	93532.1	176388		
ANNUAL MEAN	256	483	1032	
HIGHEST ANNUAL MEAN			2910	1948
LOWEST ANNUAL MEAN			118	1981
HIGHEST DAILY MEAN	2650	Sep 14	5830	Mar 21
LOWEST DAILY MEAN	9.3	Jul 21	18	Jun 7
ANNUAL SEVEN-DAY MINIMUM	11	Jun 7	20	May 29
MAXIMUM PEAK FLOW			6040	Mar 21
MAXIMUM PEAK STAGE			15.76	Mar 21
INSTANTANEOUS LOW FLOW				5.5
ANNUAL RUNOFF (CFSM)	.21		.40	.86
ANNUAL RUNOFF (INCHES)	2.90		5.47	11.68
10 PERCENT EXCEEDS	573		1250	2900
50 PERCENT EXCEEDS	100		244	326
90 PERCENT EXCEEDS	22		29	32

STATISTICS COMPUTED BY: rnichols DATE: 03/08/2002 AT: 10:32:53

e Estimated

STATION NUMBER 02226500 SATILLA RIVER NEAR WAYCROSS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311417 LONGITUDE 0821929 DRAINAGE AREA 1200.00 DATUM 66.43 STATE 13 COUNTY 299

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	12.12	4.82	6.54	8.53	7.21	5.78	12.30	4.95	3.76	5.16	6.37	4.44
2	11.80	4.80	6.53	9.33	7.12	5.70	11.66	4.85	3.73	6.36	6.46	5.35
3	11.24	4.78	6.55	10.27	7.08	5.63	11.36	4.75	3.71	7.90	6.30	6.05
4	10.52	4.77	6.51	11.03	7.20	5.95	11.47	4.64	3.72	9.20	6.09	5.72
5	9.76	4.74	6.40	11.47	7.35	6.11	11.71	4.56	3.87	10.26	5.78	5.20
6	9.04	4.66	6.24	11.45	7.44	6.36	11.86	4.48	3.76	11.11	5.59	5.48
7	8.41	4.55	6.05	10.99	7.49	7.00	11.74	4.43	3.70	11.17	5.37	5.58
8	7.79	4.46	5.86	10.35	7.47	8.14	11.41	4.38	3.81	10.29	5.26	6.09
9	7.28	4.39	5.71	9.65	7.43	9.23	10.98	4.32	3.78	9.06	5.24	6.55
10	6.92	4.33	5.57	9.03	7.46	10.26	10.56	4.26	3.84	7.87	5.24	6.58
11	6.69	4.27	5.46	8.56	7.45	11.01	10.19	4.20	4.11	7.06	5.32	6.44
12	6.57	4.23	5.39	8.29	7.39	11.32	9.81	4.16	7.80	6.86	5.14	6.31
13	6.56	4.20	5.38	8.24	7.31	11.72	9.36	4.12	7.69	6.58	4.94	6.14
14	6.76	4.28	5.39	8.31	7.23	11.78	8.83	4.07	6.89	6.12	5.18	6.00
15	6.94	4.20	5.47	8.29	7.15	11.99	8.29	4.02	6.61	5.83	5.51	5.79
16	6.82	4.16	5.61	8.18	7.05	12.24	7.83	3.99	6.42	5.55	5.02	5.57
17	6.54	4.14	5.91	8.09	6.94	12.51	7.39	3.97	6.16	5.30	4.74	5.35
18	6.28	4.12	6.37	8.03	6.82	13.03	7.11	3.93	6.14	5.11	4.64	5.14
19	6.03	4.18	6.72	7.97	6.70	13.66	6.95	3.90	6.30	4.91	4.54	4.94
20	5.82	4.23	6.84	7.94	6.59	14.77	6.77	3.87	6.40	5.03	4.48	4.77
21	5.64	4.19	6.89	7.83	6.49	15.67	6.60	3.85	6.31	5.23	4.40	4.62
22	5.46	4.16	7.09	7.71	6.39	15.64	6.45	3.83	5.98	5.08	4.32	4.62
23	5.30	4.20	7.34	7.61	6.27	15.34	6.28	3.81	5.82	4.80	4.24	5.20
24	5.15	4.31	7.35	7.51	6.19	15.06	6.08	3.79	6.91	4.78	4.17	5.02
25	5.03	4.92	7.12	7.43	6.15	14.88	5.94	3.78	6.16	4.98	4.10	4.75
26	4.93	5.33	6.83	7.43	6.07	14.75	5.82	3.81	5.52	5.47	4.04	4.56
27	4.84	5.89	6.59	7.55	5.97	14.61	5.58	3.78	5.14	5.29	4.00	---
28	4.76	6.35	6.82	7.57	5.87	14.39	5.37	3.78	4.92	5.12	3.95	---
29	4.74	6.53	7.46	7.46	---	14.10	5.20	3.79	4.77	4.99	3.89	---
30	4.80	6.57	7.64	7.38	---	13.68	5.06	3.75	4.71	5.10	3.86	4.20
31	4.82	---	8.01	7.28	---	13.05	---	3.73	---	5.89	3.86	---
MEAN	6.95	4.69	6.44	8.61	6.90	11.46	8.53	4.11	5.28	6.56	4.90	---
MAX	12.12	6.57	8.01	11.47	7.49	15.67	12.30	4.95	7.80	11.17	6.46	---
MIN	4.74	4.12	5.38	7.28	5.87	5.63	5.06	3.73	3.70	4.78	3.86	---

**SATILLA RIVER BASIN  
2001 Water Year**

**02227422 CROOKED CREEK TRIBUTARY NEAR BRISTOL, GA**

**LOCATION.**--Lat 31°26'24", long 82°15'03", Pierce County, Hydrologic Unit 03070202, on County Road 1903, 2.0 miles west of Bristol.

**DRAINAGE AREA.**—0.42 mi<sup>2</sup>.

**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 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:** 2.72 feet, June 25, 1991

**DISCHARGE:** 74 ft<sup>3</sup>/s, June 25, 1991

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 1.52 feet, March 20

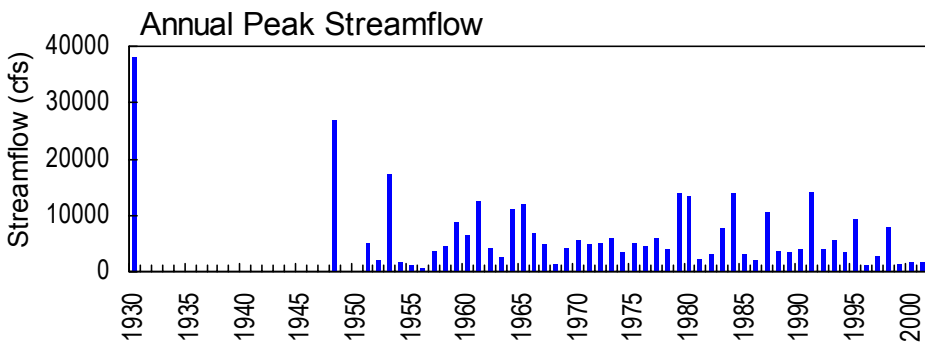
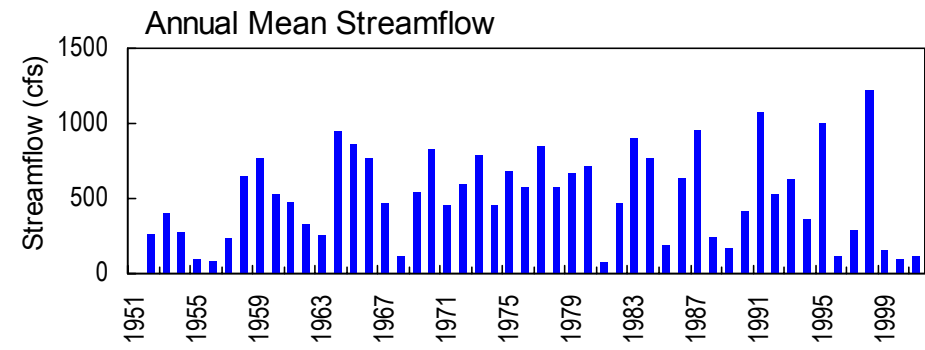
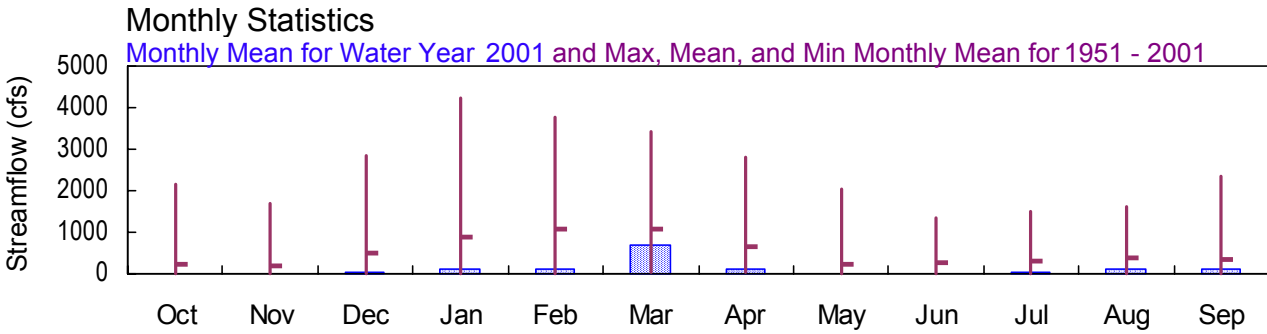
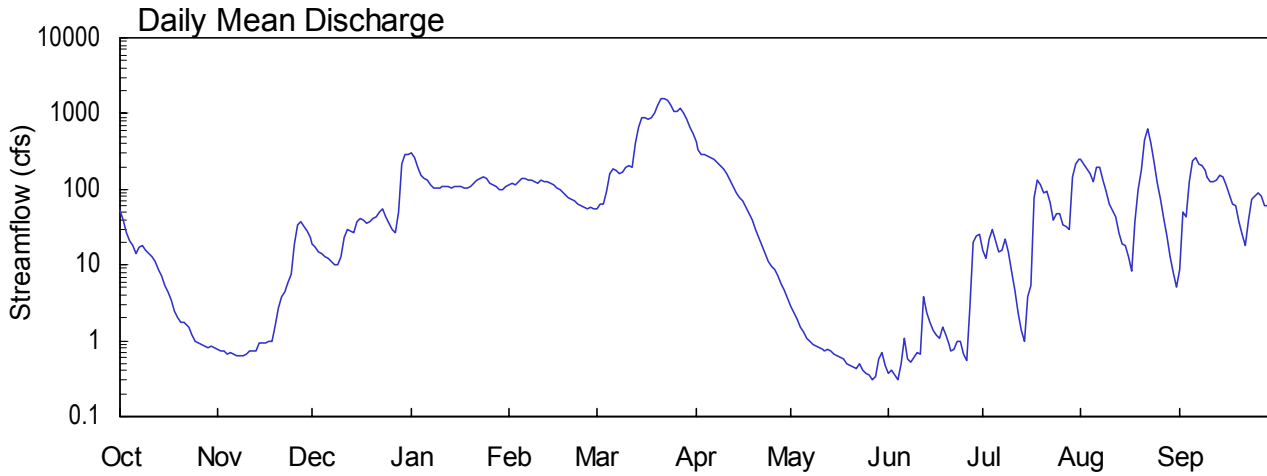
**DISCHARGE:** 21.2 ft<sup>3</sup>/s, March 20

# SATILLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 58 feet Period of Record: 1951 - 2001



02227500 - Little Satilla River at Offerman, GA - January 24, 1973

**SATILLA RIVER BASIN  
2001 Water Year**

**02227500 LITTLE SATILLA RIVER NEAR OFFERMAN, GA**

**LOCATION.**--Lat 31°27'04", long 82°03'17", 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 Highway 38, 4.0 miles northeast of Offerman, and 16.0 miles upstream from mouth.

**DRAINAGE AREA.**--646 mi<sup>2</sup>.

**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 sea level. 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<sup>3</sup>/s, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharge greater than base discharge of 1,500 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Mar.22	0330	1,620	9.01
No other peak greater than base discharge			

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--January 1951 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 58.00 feet above sea level. 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, 9.01 feet, March 22; minimum gage-height recorded, 1.35 feet, June 4-5.

STATION NUMBER 02227500 LITTLE SATILLA RIVER NEAR OFFERMAN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 312704 LONGITUDE 0820317 DRAINAGE AREA 646.00 DATUM 58.01 STATE 13 COUNTY 229

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	52	.76	19	305	114	56	418	2.8	.38	16	252	8.6
2	40	.74	17	262	118	64	337	2.3	.40	12	216	49
3	27	.72	15	192	117	63	292	1.9	.35	22	189	44
4	21	.68	14	151	124	93	287	1.5	.30	30	162	128
5	18	.71	13	141	138	158	277	1.3	.49	21	124	237
6	14	.67	12	132	137	182	263	1.1	1.1	15	200	263
7	17	.62	11	116	135	175	247	.96	.57	16	200	219
8	18	.62	10	105	130	162	231	.91	.51	22	132	201
9	16	.62	9.9	102	124	165	208	.83	.60	15	95	175
10	14	.67	13	105	123	196	183	.80	.71	8.5	65	143
11	13	.73	23	107	131	202	159	.77	.66	4.6	53	126
12	11	.74	29	110	129	197	134	.74	3.9	2.3	43	125
13	8.9	.74	28	108	125	400	110	.76	2.3	1.4	27	134
14	7.2	.93	27	106	123	671	91	.73	1.8	1.0	19	154
15	5.5	.95	38	107	114	876	78	.68	1.4	3.9	18	145
16	4.5	.93	42	108	106	898	71	.64	1.2	5.5	13	115
17	3.5	.98	40	107	99	833	59	.59	1.1	76	8.5	86
18	2.5	1.0	35	105	90	893	47	.57	1.5	131	38	65
19	2.0	1.6	37	104	83	996	39	.50	1.2	113	97	60
20	1.8	2.7	41	108	77	1300	30	.47	.87	92	181	38
21	1.8	3.8	43	123	73	1570	23	.45	.75	94	440	25
22	1.7	4.4	49	132	69	1610	18	.42	.77	67	620	18
23	1.5	6.0	56	140	65	1520	14	.50	1.0	40	400	39
24	1.2	7.5	43	144	60	1280	11	.40	.98	47	221	75
25	1.0	19	35	136	58	1080	9.8	.38	.68	47	122	82
26	.94	34	30	123	56	1080	8.9	.35	.54	34	73	92
27	.89	37	27	114	59	1180	7.3	.31	2.9	32	41	82
28	.85	33	49	108	56	1040	5.7	.34	20	30	24	62
29	.82	28	213	101	---	827	4.6	.58	24	146	13	60
30	.86	23	282	101	---	656	3.6	.69	26	216	8.1	65
31	.81	---	290	108	---	530	---	.47	---	252	5.2	---
TOTAL	309.27	213.81	1590.9	4011	2833	20953	3666.9	25.74	98.96	1613.2	4099.8	3115.6
MEAN	9.98	7.13	51.3	129	101	676	122	.83	3.30	52.0	132	104
MAX	52	37	290	305	138	1610	418	2.8	26	252	620	263
MIN	.81	.62	9.9	101	56	56	3.6	.31	.30	1.0	5.2	8.6
CFSM	.02	.01	.08	.20	.16	1.05	.19	.00	.01	.08	.20	.16
IN.	.02	.01	.09	.23	.16	1.21	.21	.00	.01	.09	.24	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2001, BY WATER YEAR (WY)

	242	189	501	872	1091	1062	663	232	271	300	401	345
MEAN	242	189	501	872	1091	1062	663	232	271	300	401	345
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	.025	.16	.90	11.0	15.7	53.4	19.9	.30	.39	.078	.23	.057
(WY)	1955	1955	1955	1981	1957	1955	1967	1999	2000	2000	1988	1990

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1951 - 2001

ANNUAL TOTAL	31189.75	42531.18	
ANNUAL MEAN	85.2	117	514
HIGHEST ANNUAL MEAN			1222
LOWEST ANNUAL MEAN			75.0
HIGHEST DAILY MEAN	1700	Apr 4	1610
LOWEST DAILY MEAN	.00	Jul 21	.30
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 24	.39
MAXIMUM PEAK FLOW			1620
MAXIMUM PEAK STAGE			9.01
INSTANTANEOUS LOW FLOW			.00
ANNUAL RUNOFF (CFSM)	.13		.18
ANNUAL RUNOFF (INCHES)	1.80		2.45
10 PERCENT EXCEEDS	189		241
50 PERCENT EXCEEDS	18		38
90 PERCENT EXCEEDS	.07		.72

STATISTICS COMPUTED BY: rnichols

DATE: 02/14/2002 AT: 12:45:54



STATION NUMBER 02227500 LITTLE SATILLA RIVER NEAR OFFERMAN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 312704 LONGITUDE 0820317 DRAINAGE AREA 646.00 DATUM 58.01 STATE 13 COUNTY 229

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	2.90	1.42	2.24	6.00	3.74	2.95	6.78	1.63	1.38	2.16	5.47	1.92
2	2.69	1.42	2.16	5.58	3.80	3.08	6.25	1.59	1.38	2.02	5.04	2.88
3	2.44	1.42	2.11	4.74	3.79	3.06	5.90	1.56	1.37	2.32	4.72	2.78
4	2.29	1.41	2.07	4.21	3.87	3.46	5.86	1.53	1.36	2.51	4.36	3.94
5	2.19	1.42	2.04	4.09	4.05	4.31	5.77	1.51	1.39	2.29	3.87	5.29
6	2.10	1.41	2.00	3.97	4.04	4.63	5.60	1.50	1.50	2.13	4.83	5.60
7	2.17	1.40	1.97	3.78	4.01	4.54	5.41	1.48	1.42	2.15	4.84	5.07
8	2.19	1.40	1.95	3.63	3.96	4.36	5.21	1.48	1.41	2.33	3.98	4.86
9	2.15	1.40	1.94	3.58	3.87	4.40	4.94	1.47	1.43	2.13	3.50	4.53
10	2.09	1.41	2.06	3.63	3.87	4.80	4.64	1.46	1.45	1.90	3.09	4.12
11	2.04	1.42	2.34	3.65	3.97	4.87	4.32	1.46	1.44	1.73	2.91	3.92
12	1.98	1.42	2.46	3.69	3.94	4.81	4.00	1.45	1.69	1.59	2.75	3.90
13	1.91	1.42	2.45	3.67	3.89	6.57	3.70	1.45	1.59	1.53	2.44	4.02
14	1.83	1.45	2.42	3.64	3.86	7.66	3.45	1.45	1.55	1.49	2.26	4.26
15	1.76	1.45	2.65	3.65	3.75	8.09	3.27	1.44	1.52	1.68	2.22	4.14
16	1.70	1.45	2.74	3.66	3.64	8.13	3.17	1.43	1.51	1.77	2.07	3.77
17	1.64	1.46	2.68	3.65	3.54	8.01	3.00	1.42	1.49	3.21	1.91	3.40
18	1.59	1.46	2.59	3.63	3.42	8.12	2.83	1.42	1.53	3.97	2.59	3.11
19	1.54	1.51	2.64	3.61	3.33	8.29	2.68	1.41	1.51	3.74	3.52	3.05
20	1.53	1.59	2.70	3.67	3.26	8.69	2.52	1.40	1.47	3.46	4.60	2.69
21	1.53	1.66	2.75	3.87	3.19	8.97	2.36	1.39	1.45	3.49	6.69	2.42
22	1.52	1.70	2.85	3.98	3.15	9.00	2.22	1.39	1.46	3.12	7.54	2.25
23	1.51	1.78	2.95	4.07	3.08	8.92	2.10	1.41	1.49	2.70	6.63	2.70
24	1.48	1.85	2.75	4.13	3.01	8.67	2.00	1.38	1.48	2.81	5.09	3.26
25	1.46	2.20	2.60	4.02	2.99	8.43	1.96	1.38	1.44	2.82	3.85	3.34
26	1.45	2.59	2.49	3.86	2.96	8.42	1.93	1.37	1.41	2.58	3.21	3.47
27	1.44	2.64	2.42	3.75	2.99	8.57	1.86	1.36	1.56	2.54	2.74	3.34
28	1.44	2.56	2.77	3.67	2.96	8.36	1.79	1.37	2.26	2.51	2.39	3.08
29	1.43	2.45	5.00	3.57	---	8.00	1.73	1.42	2.36	4.14	2.11	3.04
30	1.44	2.34	5.81	3.56	---	7.64	1.68	1.44	2.42	5.04	1.93	3.12
31	1.43	---	5.88	3.66	---	7.26	---	1.40	---	5.46	1.81	---
MEAN	1.83	1.68	2.73	3.93	3.57	6.62	3.63	1.45	1.56	2.69	3.71	3.58
MAX	2.90	2.64	5.88	6.00	4.05	9.00	6.78	1.63	2.42	5.46	7.54	5.60
MIN	1.43	1.40	1.94	3.56	2.96	2.95	1.68	1.36	1.36	1.49	1.81	1.92

**SATILLA RIVER BASIN**  
**2001 Water Year**

**02227990 SATILLA RIVER TRIBUTARY No. 2 AT ATKINSON, GA**

**LOCATION.**--Lat 31°13'32", long 81°51'10", Brantley County, Hydrologic Unit 03070201, on County Road 153, 0.3 miles north of Atkinson.

**DRAINAGE AREA.**—0.38 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, August 2, 1978

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 0.97 feet, March 20

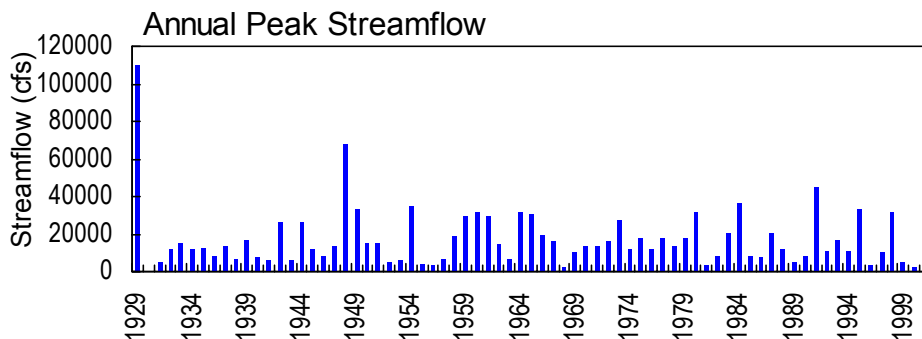
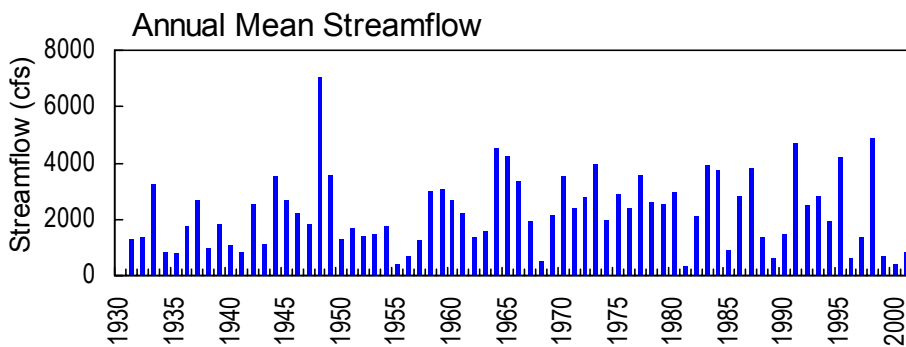
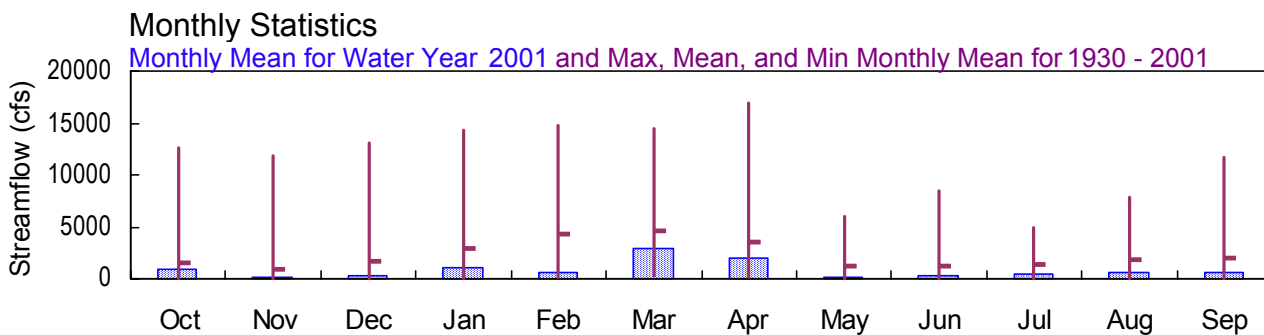
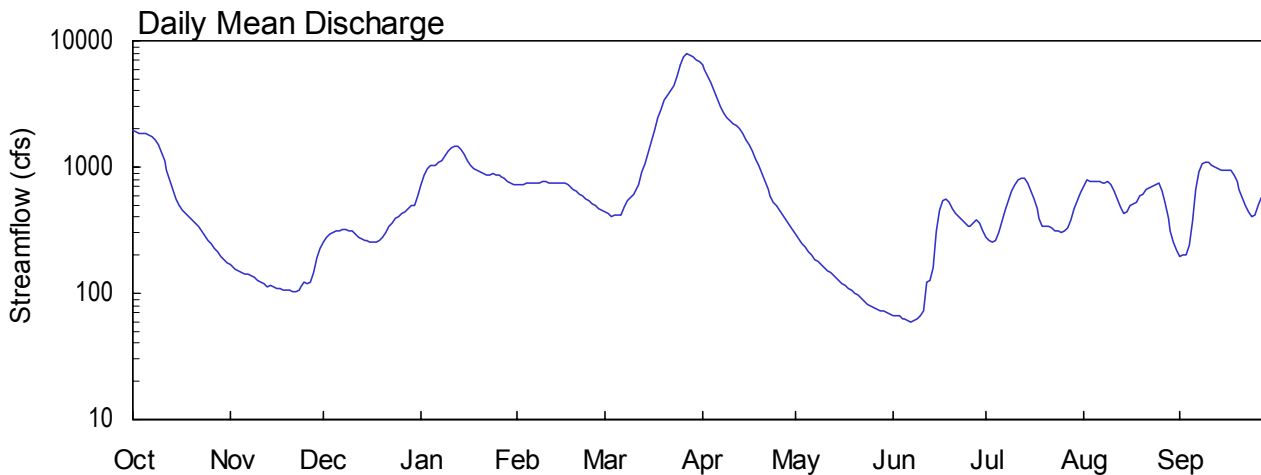
**DISCHARGE:** 10.3 ft<sup>3</sup>/s, March 20

# SATILLA RIVER BASIN

## 2001 Water Year

### 02228000 SATILLA RIVER AT ATKINSON, GA

Latitude: 31° 13' 16" Longitude: 81° 52' 03" Hydrologic Unit Code: 03070201 Brantley County  
 Drainage Area: 2790 mi<sup>2</sup> Datum: 14.79 feet Period of Record: 1930 - 2001



02228000 - Satilla River at Atkinson, GA

**SATILLA RIVER BASIN**  
**2001 Water Year**

**02228000 SATILLA RIVER AT ATKINSON, GA**

**LOCATION.**--Lat 31°13'16", long 81°52'03", Brantley County, Hydrologic Unit 03070201, on left bank piling 25 feet upstream from bridge on U.S. Highway 82, 400 feet downstream from Seaboard Coast Line Railroad bridge, and 1.0 mile west of Atkinson.

**DRAINAGE AREA.**--2,790 mi<sup>2</sup>, approximately.

**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.**—Phone telemetry with a water-stage recorder. Datum of gage is 14.79 feet above sea level. 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<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 5,800 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Mar.27	1445	7950	14.25

No other peaks greater than base discharge

**SATILLA RIVER BASIN  
2001 Water Year**

**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.**--Phone telemetry with a water-stage recorder. Datum of gage is 14.79 feet above sea level. 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, 14.25 feet, March 27; minimum gage-height recorded, 2.81 feet, June 6-7.

STATION NUMBER 02228000 SATILLA RIVER AT ATKINSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311316 LONGITUDE 0815203 DRAINAGE AREA 2790.00 DATUM 14.79 STATE 13 COUNTY 025

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	1960	167	252	736	734	439	6380	296	66	276	708	198
2	1920	159	276	866	727	424	5840	271	67	259	783	199
3	1870	154	293	967	728	407	5230	250	66	253	777	204
4	1840	150	304	1020	746	413	4620	231	63	264	770	242
5	1830	146	311	1030	757	413	4000	215	62	302	772	372
6	1810	142	316	1040	752	421	3470	201	61	367	767	670
7	1760	140	319	1080	751	478	3030	187	60	449	739	908
8	1660	136	318	1140	756	539	2680	177	61	550	750	1050
9	1500	132	314	1230	759	573	2450	168	63	637	761	1100
10	1310	128	308	1320	760	601	2310	159	67	716	717	1090
11	1120	122	294	1400	755	650	2210	152	72	788	646	1030
12	942	118	280	1460	746	734	2120	144	124	823	563	987
13	785	113	267	1450	746	923	1990	138	125	811	482	980
14	660	115	263	1380	753	1070	1830	132	160	743	427	951
15	565	111	260	1260	754	1300	1660	126	315	648	440	933
16	497	108	257	1140	743	1600	1500	120	452	559	491	942
17	451	108	257	1040	726	1980	1330	115	541	472	508	934
18	425	107	254	976	700	2450	1170	110	566	399	528	870
19	406	107	262	937	674	2890	1020	105	524	344	585	772
20	385	107	274	915	647	3360	889	100	468	336	617	670
21	362	104	299	884	618	3710	768	96	430	339	664	580
22	337	102	336	867	590	4010	671	92	402	328	685	499
23	311	105	365	874	561	4450	595	86	377	314	704	438
24	285	111	389	880	537	5220	534	82	358	309	731	400
25	264	121	409	875	515	6420	490	80	341	303	737	416
26	245	120	428	860	491	7420	454	78	337	308	655	502
27	226	123	446	838	470	7860	414	75	363	327	514	569
28	213	144	471	805	454	7730	379	73	378	386	389	567
29	198	189	495	769	---	7390	349	72	356	475	308	512
30	185	225	501	745	---	7080	322	71	312	550	254	441
31	176	---	592	730	---	6770	---	68	---	622	218	---
TOTAL	26498	3914	10410	31514	18950	89725	60705	4270	7637	14257	18690	20026
MEAN	855	130	336	1017	677	2894	2024	138	255	460	603	668
MAX	1960	225	592	1460	760	7860	6380	296	566	823	783	1100
MIN	176	102	252	730	454	407	322	68	60	253	218	198
CFSM	.31	.05	.12	.36	.24	1.04	.73	.05	.09	.16	.22	.24
IN.	.35	.05	.14	.42	.25	1.20	.81	.06	.10	.19	.25	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2001, BY WATER YEAR (WY)

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
MEAN	1463	892	1703	2883	4255	4678	3557	1279	1172	1376	1900	1952											
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 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1930 - 2001	
ANNUAL TOTAL	160641		306596			
ANNUAL MEAN	439		840		2245	
HIGHEST ANNUAL MEAN					7048	
LOWEST ANNUAL MEAN					334	
HIGHEST DAILY MEAN	2280	Apr 12	7860	Mar 27	67200	Apr 6 1948
LOWEST DAILY MEAN	39	Jul 24	60	Jun 7	15	Sep 26 1990
ANNUAL SEVEN-DAY MINIMUM	43	Jul 21	62	Jun 3	16	Sep 25 1990
MAXIMUM PEAK FLOW			7950	Mar 27	68100	Apr 6 1948
MAXIMUM PEAK STAGE			14.25	Mar 27	23.90	Apr 6 1948
INSTANTANEOUS LOW FLOW					15	Sep 26 1990
ANNUAL RUNOFF (CFSM)	.16		.30		.80	
ANNUAL RUNOFF (INCHES)	2.14		4.09		10.93	
10 PERCENT EXCEEDS	1140		1700		6040	
50 PERCENT EXCEEDS	274		491		846	
90 PERCENT EXCEEDS	64		114		109	

STATISTICS COMPUTED BY: jjgraham

DATE: 02/19/2002 AT: 11:21:11

STATION NUMBER 02228000 SATILLA RIVER AT ATKINSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311316 LONGITUDE 0815203 DRAINAGE AREA 2790.00 DATUM 14.79 STATE 13 COUNTY 025

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	9.46	3.73	4.11	6.35	6.36	5.04	13.48	4.47	2.89	4.25	6.14	3.70
2	9.38	3.68	4.25	6.85	6.33	4.97	13.18	4.35	2.89	4.16	6.48	3.71
3	9.29	3.65	4.33	7.19	6.33	4.89	12.81	4.23	2.88	4.12	6.45	3.74
4	9.25	3.62	4.39	7.38	6.40	4.92	12.38	4.13	2.85	4.17	6.43	3.96
5	9.22	3.59	4.42	7.41	6.45	4.92	11.90	4.04	2.84	4.35	6.43	4.60
6	9.18	3.56	4.45	7.43	6.43	4.96	11.41	3.95	2.83	4.66	6.41	5.95
7	9.10	3.53	4.46	7.53	6.42	5.23	10.94	3.86	2.82	5.02	6.29	6.98
8	8.90	3.51	4.46	7.72	6.44	5.51	10.54	3.80	2.83	5.46	6.34	7.46
9	8.58	3.48	4.44	7.94	6.46	5.66	10.24	3.74	2.85	5.85	6.39	7.61
10	8.15	3.44	4.41	8.17	6.46	5.78	10.03	3.68	2.89	6.20	6.18	7.57
11	7.64	3.40	4.34	8.36	6.44	6.00	9.87	3.63	2.93	6.51	5.84	7.40
12	7.11	3.36	4.27	8.50	6.40	6.35	9.71	3.57	3.39	6.65	5.43	7.26
13	6.59	3.33	4.20	8.49	6.41	7.05	9.50	3.52	3.38	6.60	5.09	7.24
14	6.12	3.34	4.17	8.33	6.43	7.52	9.22	3.47	3.62	6.30	4.85	7.14
15	5.74	3.31	4.16	8.04	6.44	8.14	8.89	3.43	4.51	5.85	4.91	7.08
16	5.45	3.29	4.14	7.71	6.39	8.79	8.59	3.38	5.15	5.41	5.13	7.11
17	5.26	3.27	4.14	7.43	6.32	9.48	8.21	3.34	5.53	5.05	5.20	7.08
18	5.15	3.27	4.13	7.22	6.21	10.23	7.80	3.30	5.63	4.73	5.28	6.85
19	5.06	3.27	4.17	7.09	6.10	10.78	7.37	3.25	5.44	4.49	5.53	6.43
20	4.97	3.26	4.23	7.02	5.98	11.30	6.93	3.20	5.18	4.45	5.69	5.95
21	4.85	3.24	4.36	6.91	5.86	11.64	6.51	3.17	5.00	4.46	5.93	5.51
22	4.72	3.22	4.55	6.85	5.73	11.91	6.13	3.14	4.87	4.41	6.03	5.16
23	4.59	3.25	4.69	6.88	5.61	12.25	5.82	3.09	4.75	4.34	6.12	4.90
24	4.45	3.28	4.81	6.90	5.49	12.80	5.57	3.05	4.66	4.31	6.25	4.74
25	4.33	3.34	4.90	6.88	5.40	13.50	5.38	3.02	4.57	4.28	6.28	4.81
26	4.23	3.33	4.99	6.83	5.29	14.01	5.22	3.00	4.55	4.31	5.88	5.17
27	4.12	3.33	5.08	6.75	5.19	14.21	5.05	2.97	4.68	4.40	5.22	5.45
28	4.03	3.48	5.20	6.63	5.11	14.15	4.89	2.95	4.76	4.67	4.69	5.47
29	3.94	3.76	5.31	6.49	---	14.00	4.74	2.94	4.65	5.06	4.31	5.26
30	3.86	3.96	5.33	6.40	---	13.85	4.61	2.93	4.43	5.37	4.03	4.98
31	3.80	---	5.74	6.34	---	13.69	---	2.90	---	5.72	3.82	---
MEAN	6.34	3.44	4.54	7.29	6.10	9.15	8.56	3.47	4.01	5.02	5.65	5.88
MAX	9.46	3.96	5.74	8.50	6.46	14.21	13.48	4.47	5.63	6.65	6.48	7.61
MIN	3.80	3.22	4.11	6.34	5.11	4.89	4.61	2.90	2.82	4.12	3.82	3.70

**ST MARYS RIVER BASIN**  
**2001 Water Year**

**02228500 NORTH PRONG ST MARYS RIVER AT MONIAC, GA**

**LOCATION.**--Lat 30°31'03", long 82°13'50", Baker County, FL-Charlton County, GA, 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 miles upstream from mouth of St Marys River.

**DRAINAGE AREA.**--160 mi<sup>2</sup>, 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 sea level. 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 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. STREAM SOURCE AGENCY USGS  
 LATITUDE 303103 LONGITUDE 0821350 DRAINAGE AREA 160.00 DATUM STATE 12 COUNTY 003  
 PROVISIONAL DATA SUBJECT TO REVISION  
 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	84	6.2	6.5	17	13	6.1	63	5.2	.00	20	5.0	.33
2	84	5.4	6.3	16	13	6.1	54	4.6	.00	28	5.1	1.4
3	69	4.9	6.1	15	12	6.2	47	4.0	.00	25	6.2	6.6
4	59	4.6	5.7	15	13	12	43	3.3	.00	21	5.0	8.6
5	54	4.3	5.5	15	16	15	40	2.7	.00	20	5.2	11
6	50	4.2	5.3	15	e18	13	37	2.3	.00	17	15	11
7	54	4.1	5.0	14	e19	12	35	1.8	.00	14	13	9.9
8	55	3.8	4.8	15	e18	10	32	1.7	.00	11	10	8.9
9	50	3.5	4.7	15	e17	9.7	30	1.6	.00	8.6	8.0	7.9
10	45	3.6	5.0	15	e16	10	27	1.2	.00	7.1	6.2	6.9
11	41	3.2	5.2	14	e14	9.7	25	.93	.00	5.9	4.9	6.0
12	38	3.0	5.5	16	e13	9.0	23	.66	11	4.8	4.6	5.5
13	36	2.9	5.5	16	e12	27	20	.53	29	5.2	4.2	10
14	33	3.0	5.3	16	e11	33	19	.36	23	25	3.5	14
15	31	3.3	5.3	16	10	31	17	.23	17	23	3.0	19
16	28	3.2	5.3	15	10	79	21	.14	13	16	2.6	19
17	26	3.1	5.5	15	9.7	98	21	.10	17	13	2.0	17
18	24	3.1	5.6	14	9.0	96	18	.06	18	9.6	1.7	14
19	22	3.1	5.3	14	8.4	121	15	.05	35	7.6	1.9	13
20	21	3.4	5.3	17	8.0	201	14	.05	38	6.5	2.1	11
21	20	3.3	5.1	19	7.7	248	12	.04	37	7.9	1.8	10
22	18	3.2	5.1	18	7.4	206	11	.04	34	7.2	1.5	40
23	17	3.2	4.9	18	7.1	164	9.3	.03	31	6.2	1.4	45
24	15	3.2	4.7	18	7.0	131	8.2	.02	28	5.6	1.0	34
25	14	7.5	4.5	15	7.2	107	8.3	.01	24	4.6	.74	31
26	13	9.4	4.7	11	7.0	96	10	.01	19	3.7	.56	29
27	12	8.8	4.9	11	6.7	85	8.9	.00	19	3.0	.41	25
28	10	8.0	7.3	10	6.4	72	7.6	.00	20	2.7	.25	22
29	9.1	7.3	20	10	---	65	6.4	.00	19	2.5	.15	19
30	8.1	6.9	19	9.8	---	70	5.7	.00	19	2.3	.10	16
31	7.1	---	18	11	---	70	---	.00	---	3.4	.10	---
TOTAL	1047.3	136.7	206.9	455.8	316.6	2118.8	688.4	31.66	451.00	337.4	117.21	472.03
MEAN	33.8	4.56	6.67	14.7	11.3	68.3	22.9	1.02	15.0	10.9	3.78	15.7
MAX	84	9.4	20	19	19	248	63	5.2	38	28	15	45
MIN	7.1	2.9	4.5	9.8	6.4	6.1	5.7	.00	.00	2.3	.10	.33
CFSM	.21	.03	.04	.09	.07	.43	.14	.01	.09	.07	.02	.10
IN.	.24	.03	.05	.11	.07	.49	.16	.01	.10	.08	.03	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921 - 2001, BY WATER YEAR (WY)

MEAN	146	54.4	91.7	170	234	238	191	68.0	84.0	114	176	195
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	.003	.000	.13	.19	.21	.40	.20	.23	.040	.000	.006	.023
(WY)	1955	1955	1955	1934	1934	1955	1934	1955	1954	1954	1954	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1921 - 2001

ANNUAL TOTAL	9506.76	6379.80	
ANNUAL MEAN	26.0	17.5	147
HIGHEST ANNUAL MEAN			377
LOWEST ANNUAL MEAN			16.3
HIGHEST DAILY MEAN	267 Sep 9	248 Mar 21	11400 Apr 5 1973
LOWEST DAILY MEAN	.00 May 29	.00 May 27-Jun 11	.00 Some years
ANNUAL SEVEN-DAY MINIMUM	.00 May 29	.00 May 27	.00 Jun 16 1921
MAXIMUM PEAK FLOW		255 Mar 21	11600 Apr 5 1973
MAXIMUM PEAK STAGE		8.71 Mar 21	22.98 Apr 5 1973
ANNUAL RUNOFF (CFSM)	.16	.11	.92
ANNUAL RUNOFF (INCHES)	2.21	1.48	12.46
10 PERCENT EXCEEDS	57	37	396
50 PERCENT EXCEEDS	17	9.7	45
90 PERCENT EXCEEDS	.41	.55	1.1

e Estimated

**ST MARYS RIVER BASIN**  
**2001 Water Year**

**02231000 ST MARYS RIVER NEAR MACCLENNY, FL**

**LOCATION.**--Lat 30°21'31", long 82°04'54", Baker County, FL-Charlton County, GA, Hydrologic Unit 03070204, on right bank 200 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 miles upstream from mouth.

**DRAINAGE AREA.**--700 mi<sup>2</sup>, 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 sea level (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 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  
 LATITUDE 302131 LONGITUDE 0820454 DRAINAGE AREA 700.00 DATUM STATE 12 COUNTY 003  
 PROVISIONAL DATA SUBJECT TO REVISION  
 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	334	43	39	56	41	32	217	35	14	110	116	22
2	326	41	38	52	44	33	197	33	14	321	207	30
3	303	39	37	49	45	34	176	33	14	398	204	55
4	268	38	35	47	48	41	157	31	14	260	165	81
5	240	37	34	46	49	57	143	30	14	208	149	140
6	218	36	34	45	50	67	132	28	14	161	330	323
7	199	35	34	44	51	62	122	27	17	124	595	396
8	192	34	33	44	49	54	113	26	18	96	443	339
9	181	33	34	43	47	48	104	25	24	78	306	235
10	165	32	34	43	45	46	96	24	25	66	237	161
11	150	31	34	43	44	44	89	23	36	57	182	122
12	136	30	34	44	42	42	82	24	70	50	144	110
13	124	30	35	44	42	44	76	23	83	50	116	131
14	114	30	35	44	41	67	70	22	84	138	97	321
15	105	29	35	45	41	91	65	21	82	147	82	1080
16	97	28	35	45	40	105	62	20	65	123	69	1680
17	90	28	34	44	39	196	58	19	54	88	58	1620
18	84	28	33	43	38	233	58	18	68	70	53	1290
19	78	28	32	42	37	243	56	17	167	62	66	1010
20	74	29	32	40	36	328	53	16	308	60	69	786
21	70	28	32	39	36	477	51	16	438	155	63	557
22	66	28	33	40	35	474	48	15	346	267	47	379
23	62	28	33	42	34	396	46	14	211	267	39	297
24	59	29	33	42	34	334	44	14	154	212	34	291
25	57	38	34	41	33	286	42	14	122	197	30	304
26	54	42	34	41	33	255	41	14	98	144	27	323
27	52	48	33	40	32	236	40	14	85	101	24	315
28	49	47	38	40	31	218	39	13	74	79	21	288
29	48	44	45	39	---	202	38	13	71	73	19	248
30	46	41	55	39	---	203	37	14	78	69	18	207
31	44	---	59	40	---	219	---	14	---	75	19	---
TOTAL	4085	1032	1120	1346	1137	5167	2552	650	2862	4306	4029	13141
MEAN	132	34.4	36.1	43.4	40.6	167	85.1	21.0	95.4	139	130	438
MAX	334	48	59	56	51	477	217	35	438	398	595	1680
MIN	44	28	32	39	31	32	37	13	14	50	18	22
MED	97	32	34	43	41	105	64	20	70	110	69	300
CFSM	.19	.05	.05	.06	.06	.24	.12	.03	.14	.20	.19	.63
IN.	.22	.05	.06	.07	.06	.27	.14	.03	.15	.23	.21	.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2001, BY WATER YEAR (WY)

	MEAN	271	371	611	862	945	747	311	349	580	909	1006
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 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1927 - 2001
ANNUAL TOTAL	42802	41427	
ANNUAL MEAN	117	113	647
HIGHEST ANNUAL MEAN			2285
LOWEST ANNUAL MEAN			90.1
HIGHEST DAILY MEAN	1370	Sep 10	1680
LOWEST DAILY MEAN	13	May 29	13
ANNUAL SEVEN-DAY MINIMUM	13	May 29	14
MAXIMUM PEAK FLOW			1740
MAXIMUM PEAK STAGE		9.90	Sep 16
INSTANTANEOUS LOW FLOW		13	May 25-30, Jun 3-6
ANNUAL RUNOFF (CFSM)	.17	.16	.92
ANNUAL RUNOFF (INCHES)	2.27	2.20	12.55
10 PERCENT EXCEEDS	207	275	1610
50 PERCENT EXCEEDS	52	48	220
90 PERCENT EXCEEDS	21	24	37

STATION NUMBER 02231000 ST. MARYS RIVER NR MACCLENNY, FLA. STREAM SOURCE AGENCY USGS  
 LATITUDE 302131 LONGITUDE 0820454 DRAINAGE AREA 700.00 DATUM STATE 12 COUNTY 003  
 PROVISIONAL DATA SUBJECT TO REVISION

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	4.42	1.69	1.60	1.80	1.58	1.42	3.39	1.34	.97	2.35	2.52	1.31
2	4.36	1.67	1.58	1.74	1.61	1.43	3.19	1.31	.97	4.21	3.42	1.44
3	4.21	1.64	1.56	1.71	1.64	1.45	2.99	1.30	.96	4.78	3.39	1.82
4	3.97	1.63	1.54	1.68	1.68	1.57	2.82	1.28	.97	3.79	3.05	2.17
5	3.76	1.61	1.53	1.66	1.69	1.79	2.68	1.25	.97	3.34	2.89	2.81
6	3.59	1.59	1.52	1.64	1.71	1.93	2.57	1.23	.98	2.90	4.30	4.32
7	3.43	1.58	1.52	1.63	1.73	1.86	2.47	1.20	1.03	2.54	5.86	4.79
8	3.37	1.56	1.51	1.63	1.70	1.75	2.36	1.19	1.05	2.23	5.05	4.43
9	3.28	1.55	1.52	1.62	1.67	1.67	2.26	1.18	1.15	2.01	4.20	3.68
10	3.13	1.53	1.52	1.61	1.63	1.63	2.17	1.16	1.18	1.86	3.69	3.04
11	2.99	1.51	1.52	1.61	1.61	1.60	2.09	1.15	1.35	1.74	3.22	2.64
12	2.85	1.50	1.52	1.62	1.59	1.58	2.00	1.15	1.84	1.64	2.86	2.51
13	2.72	1.49	1.53	1.62	1.58	1.60	1.92	1.14	2.01	1.63	2.57	2.73
14	2.61	1.49	1.54	1.63	1.57	1.92	1.85	1.13	2.03	2.70	2.36	4.24
15	2.51	1.48	1.54	1.64	1.55	2.21	1.78	1.11	1.99	2.80	2.18	7.76
16	2.42	1.47	1.54	1.63	1.54	2.36	1.74	1.10	1.77	2.55	2.01	9.71
17	2.34	1.47	1.52	1.62	1.53	3.25	1.69	1.08	1.63	2.16	1.87	9.53
18	2.27	1.47	1.50	1.60	1.52	3.58	1.69	1.05	1.80	1.93	1.78	8.53
19	2.19	1.47	1.49	1.58	1.50	3.65	1.66	1.03	2.91	1.83	1.98	7.60
20	2.13	1.48	1.49	1.56	1.49	4.30	1.62	1.02	4.13	1.81	2.02	6.70
21	2.08	1.47	1.49	1.55	1.48	5.26	1.58	1.01	5.04	2.88	1.93	5.66
22	2.03	1.46	1.49	1.56	1.46	5.24	1.54	1.00	4.41	3.88	1.71	4.67
23	1.98	1.47	1.49	1.59	1.45	4.78	1.51	.98	3.33	3.89	1.58	4.12
24	1.94	1.48	1.49	1.59	1.45	4.33	1.47	.97	2.79	3.44	1.50	4.07
25	1.91	1.61	1.49	1.57	1.44	3.97	1.45	.97	2.47	3.31	1.43	4.16
26	1.87	1.67	1.49	1.57	1.43	3.72	1.43	.96	2.21	2.80	1.38	4.30
27	1.83	1.74	1.48	1.56	1.42	3.56	1.41	.96	2.05	2.35	1.33	4.24
28	1.80	1.72	1.54	1.55	1.41	3.40	1.40	.96	1.92	2.08	1.29	4.04
29	1.77	1.67	1.65	1.54	---	3.25	1.39	.95	1.88	2.02	1.26	3.74
30	1.75	1.63	1.79	1.55	---	3.26	1.36	.96	1.97	1.96	1.23	3.40
31	1.72	---	1.85	1.56	---	3.40	---	.97	---	2.04	1.25	---
MEAN	2.68	1.56	1.54	1.61	1.56	2.80	1.98	1.10	1.99	2.63	2.49	4.47
MAX	4.42	1.74	1.85	1.80	1.73	5.26	3.39	1.34	5.04	4.78	5.86	9.71
MIN	1.72	1.46	1.48	1.54	1.41	1.42	1.36	.95	.96	1.63	1.23	1.31
CAL YR 2000	MEAN 2.14	MAX 8.80	MIN 1.02									
WTR YR 2001	MEAN 2.20	MAX 9.71	MIN .95									

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02314274 SUWANNEE RIVER AT SILL, NEAR FARGO, GA**

**LOCATION.**--Lat 30°48'14", long 82°25'03", 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.**--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

**REMARKS.**--No estimated daily discharges. Records are fair.

STATION NUMBER 02314274 SUWANNEE RIVER AT SILL NEAR FARGO, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304814 LONGITUDE 0822503 DRAINAGE AREA 0.00 DATUM 117.00 STATE 13 COUNTY 049

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	180	22	19	22	22	23	216	46	5.0	242	338	53
2	167	21	19	22	22	23	217	43	4.8	294	376	53
3	154	21	20	22	21	23	216	39	4.5	333	395	63
4	143	20	21	22	21	22	218	36	4.3	328	383	69
5	134	19	22	22	21	22	227	33	4.0	318	394	71
6	126	19	23	22	21	22	237	30	3.9	326	464	98
7	124	18	23	22	21	22	229	28	3.6	311	431	110
8	118	17	23	22	21	22	215	26	3.4	290	386	125
9	110	17	23	22	22	22	202	24	4.1	264	342	134
10	103	16	23	22	22	22	194	22	5.4	234	300	139
11	97	16	23	22	22	22	186	21	6.0	207	264	143
12	91	15	23	22	22	22	170	19	164	183	230	150
13	87	15	23	22	22	20	164	18	188	171	201	147
14	83	15	23	22	22	20	161	17	136	180	177	138
15	78	15	23	22	22	20	158	16	115	198	170	130
16	74	14	23	22	22	23	228	15	102	240	161	123
17	71	14	23	22	22	26	238	14	93	256	149	115
18	66	14	23	22	22	41	156	13	111	240	135	108
19	60	14	23	22	22	56	132	12	156	210	144	101
20	52	15	23	21	22	92	116	11	146	175	134	95
21	43	15	23	22	22	120	104	9.9	152	163	125	88
22	39	15	23	22	22	134	94	9.1	174	147	116	85
23	36	15	23	22	22	147	86	8.3	194	137	108	85
24	33	15	23	22	22	156	78	7.5	197	147	100	85
25	30	16	23	22	22	163	75	7.0	184	132	92	87
26	29	16	23	22	22	171	73	6.6	166	146	85	86
27	27	17	23	22	22	179	67	6.0	153	174	78	83
28	26	17	23	22	23	190	60	5.6	142	194	72	81
29	25	18	23	22	---	202	55	5.5	134	214	66	77
30	24	18	22	22	---	209	51	5.2	141	242	61	73
31	23	---	22	22	---	213	---	4.9	---	293	57	---
MEAN	79.1	16.6	22.5	22.0	21.8	79.0	154	18.0	96.6	225	211	99.8
MAX	180	22	23	22	23	213	238	46	197	333	464	150
MIN	23	14	19	21	21	20	51	4.9	3.4	132	57	53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
MEAN	540	126	68.7	103	208	139	107	31.8	39.1	116	116	87.8
MAX	1462	316	147	244	543	278	154	45.4	96.6	225	211	117
(WY)	1999	1999	1999	1999	1999	1999	2001	2000	2001	2001	2001	2000
MIN	78.8	16.6	22.5	22.0	21.8	59.7	69.1	18.0	9.18	54.0	62.9	46.5
(WY)	2000	2001	2001	2001	2001	2000	2000	2001	1999	2000	1999	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1999 - 2001

ANNUAL MEAN	54.7	87.6	140
HIGHEST ANNUAL MEAN			275
LOWEST ANNUAL MEAN			58.4
HIGHEST DAILY MEAN	212	Sep 26	464
LOWEST DAILY MEAN	3.0	Jun 15	3.4
ANNUAL SEVEN-DAY MINIMUM	3.7	Jun 10	4.0
MAXIMUM PEAK FLOW			469
MAXIMUM PEAK STAGE			109.97
INSTANTANEOUS LOW FLOW			3.3
10 PERCENT EXCEEDS	95		215
50 PERCENT EXCEEDS	52		33
90 PERCENT EXCEEDS	15		15

e Estimated  
 STATISTICS COMPUTED BY: dbdale

DATE: 03/07/2002 AT: 12:25:37

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02314274 SUWANNEE RIVER AT SILL NEAR FARGO, GA**

**PERIODIC WATER-QUALITY RECORDS**

**LOCATION.**—Lat 30°48'14", long 82°25'03", in Okefenokee National Wildlife Refuge and Wilderness Area, Charlton County, Hydrologic Unit 03110201, at southern control structure on Okefenokee Swamp Sill, 12 miles northeast of Fargo.

**DRAINAGE AREA.**—Indeterminate.

**PERIOD OF RECORD.**—October 1998 to current year.

**REMARKS.**—None.

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02314274 SUWANNEE RIVER AT SILL NEAR FARGO, GA -continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	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, (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)	
FEB	01...	80020	1028	111.43	200	40	765	9.0	84	3.7	93	12.7	4	
MAR	28...	81213	1028	--	280	40	766	7.8	78	3.9	82	14.8	4	
	28...	1130	81213	1028	--	280	40	766	5.9	58	84	14.7	4	
MAY	02...	1230	80020	1028	--	280	10	766	8.8	103	89	23.5	4	
AUG	23...	1300	80020	1028	107.15	320	10	765	--	79	96	28.5	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)	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)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	
FEB	01...	.7	.500	<.10	.9	3.9	<1	6.7	<.1	10.0	.4	9	82	1.2
MAR	28...	.7	.500	<.10	.5	2.4	<1	6.2	<.1	7.9	.5	4	97	1.1
	28...	.8	.500	<.10	.5	2.3	<1	6.3	<.1	8.1	.5	13	102	1.2
MAY	02...	.7	.500	<.10	.9	4.1	<1	6.9	<.1	9.6	.2	17	123	1.5
AUG	23...	.8	.640	<.10	.9	4.6	<1	6.8	<.1	8.8	<.2	13	147	1.7
DATE		NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA TOTAL (MG/L AS NH4) (71845)	NITRO-GEN, NO2+NO3 (MG/L AS N) (00630)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, PARTIC-ULATE TOTAL (MG/L AS C) (00689)	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)
FEB	01...	.05	.06	<.02	E.01	1.1	E.030	<.020	43	--	<1.0	<1	<1.00	<1.00
MAR	28...	.01	.01	<.02	<.01	1.1	<.010	<.020	43	.6	<1.0	<1	<1.00	<1.00
	28...	<.01	--	<.02	<.01	--	<.010	<.020	44	>5.0	<1.0	<1	<1.00	<1.00
MAY	02...	.04	.05	<.02	<.01	1.5	<.010	<.020	52	2.9	<1.0	<1	<1.00	<1.00
AUG	23...	.05	.06	<.02	<.01	1.6	<.010	<.020	56	.7	<1.0	3	<1.00	<1.00
DATE		CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CADMIUM UNFLTRD WATER TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, 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)
FEB	01...	<1.00	<1.00	1.0	<1.0	<1.0	290	1.00	1.0	<.10	<.10	<1.00	<1.0	<1.0
MAR	28...	<1.00	<1.00	<1.0	<1.0	<1.0	270	<1.00	<1.0	<.10	<.10	<1.00	<1.0	<1.0
	28...	<1.00	<1.00	<1.0	1.2	<1.0	290	<1.00	<1.0	<.10	<.10	<1.00	<1.0	<1.0
MAY	02...	<1.00	<1.00	<1.0	<1.0	<1.0	480	<1.00	<1.0	<.10	<.10	<1.00	<1.0	<1.0
AUG	23...	<1.00	<1.00	4.9	<1.0	<1.0	990	<1.00	1.5	<.10	<.10	<1.00	<1.0	<1.0



**SUWANNEE RIVER BASIN  
2001 Water Year**

**02314274 SUWANNEE RIVER AT SILL NEAR FARGO, GA -continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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)
FEB							
01...	<1.0	5.00	<1.0	15	16	8.8	3060
MAR							
28...	<1.0	6.00	<1.0	9.0	8.0	11	3060
28...	<1.0	6.00	<1.0	7.0	<2.0	11	3060
MAY							
02...	<1.0	7.00	<1.0	6.0	5.0	12	3060
AUG							
23...	<1.0	8.50	<1.0	15	25	17	3060

Remark codes used in this report:

< -- Less than  
> -- Greater than  
E -- Estimated value

**SUWANNEE RIVER BASIN  
2001 Water Year**

**023142741 NORTH FORK SUWANNEE RIVER AT SILL, NEAR FARGO, GA**

**LOCATION.**--Lat 30°48'58", long 82°24'49", 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.**--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

**REMARKS.**--Records fair.

STATION NUMBER 023142741 NORTH FORK SUWANNEE RIVER AT SILL NEAR FARGO GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304858 LONGITUDE 0822449 DRAINAGE AREA 0.00 DATUM 117.00 STATE 13 COUNTY 049

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	36	21	18	43	57	29	362	14	.02	91	146	16
2	33	21	18	45	78	29	353	13	.02	117	167	17
3	31	21	18	46	93	29	345	11	.01	140	177	19
4	29	21	18	47	83	52	337	9.9	.00	134	173	20
5	28	20	18	48	77	69	326	8.7	.01	128	182	21
6	27	20	18	48	73	68	301	7.3	.00	133	215	32
7	27	20	18	47	70	65	276	6.3	.00	123	198	35
8	27	20	18	48	67	61	250	5.5	.00	112	178	40
9	26	20	18	47	63	58	232	4.7	.02	98	159	45
10	26	20	18	46	62	63	213	3.8	.32	85	138	48
11	26	19	18	45	60	63	193	2.8	.55	74	117	49
12	26	19	18	46	57	61	166	1.9	61	66	100	50
13	26	18	18	45	55	150	148	1.9	59	63	84	49
14	26	18	18	44	54	183	133	1.5	43	68	73	45
15	26	18	19	43	52	193	115	1.2	36	86	72	41
16	26	18	19	44	51	202	92	.84	32	115	68	38
17	26	17	19	43	49	206	39	.55	28	122	62	34
18	26	17	19	41	47	236	17	.38	34	111	56	31
19	26	16	19	64	45	263	21	.30	49	93	59	e28
20	25	16	19	77	43	322	28	.21	49	77	54	e26
21	24	16	20	70	42	352	24	.18	56	70	48	e24
22	24	16	20	64	40	367	21	.14	70	60	43	e21
23	24	16	20	59	54	377	18	.10	80	55	38	e23
24	23	16	20	57	58	385	15	.06	81	56	35	e24
25	22	16	19	54	43	389	15	.04	75	49	32	e27
26	21	17	19	52	37	395	14	.03	67	54	28	e26
27	21	17	20	49	34	392	12	.02	61	62	25	e24
28	21	18	22	47	31	386	11	.00	56	69	23	e23
29	21	18	30	44	---	380	9.1	.00	53	78	21	e21
30	21	18	36	44	---	377	13	.01	56	95	19	e19
31	21	---	40	45	---	370	---	.00	---	121	17	---
MEAN	25.5	18.3	20.4	49.7	56.2	212	137	3.11	34.9	90.5	90.5	30.5
MAX	36	21	40	77	93	395	362	14	81	140	215	50
MIN	21	16	18	41	31	29	9.1	.00	.00	49	17	16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	1999	1999	2000	2001	1999	2000	2001	2000	2001	1999	2000	2001
MEAN	109	31.7	21.7	36.2	59.1	95.5	62.9	11.6	15.5	47.5	48.9	28.7
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	25.5	18.3	20.4	22.1	23.0	22.1	24.9	3.11	5.67	25.5	26.9	25.3
(WY)	2001	2001	2001	2000	2000	2000	2000	2001	1999	1999	1999	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1999 - 2001

ANNUAL MEAN	22.2	64.2	47.5
HIGHEST ANNUAL MEAN			64.2 2001
LOWEST ANNUAL MEAN			23.2 2000
HIGHEST DAILY MEAN	40 Dec 31	395 Mar 26	395 Mar 26 2001
LOWEST DAILY MEAN	.00 Jun 1	.00 May 28	.00 Jun 1 2000
ANNUAL SEVEN-DAY MINIMUM	.07 May 29	.01 Jun 2	.01 Jun 2 2001
MAXIMUM PEAK FLOW		396 Mar 26	396 Mar 26 2001
MAXIMUM PEAK STAGE		111.33 Mar 26	111.33 Mar 26 2001
INSTANTANEOUS LOW FLOW		.00 May 28	.00 May 30 2000
10 PERCENT EXCEEDS	31	166	96
50 PERCENT EXCEEDS	23	36	26
90 PERCENT EXCEEDS	16	6.9	10

STATISTICS COMPUTED BY: dgojin

DATE: 04/10/2002 AT: 16:04:48

e Estimated

**SUWANNEE RIVER BASIN  
2001 Water Year**

**023142741 NORTH FORK SUWANNEE RIVER AT SILL NEAR FARGO, GA**

**PERIODIC WATER-QUALITY RECORDS**

**LOCATION.**—Lat 30°48'58", long 82°24'49", 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.

**PERIOD OF RECORD.**—October 1998 to current year.

**REMARKS.**—None.

**SUWANNEE RIVER BASIN  
2001 Water Year**

**023142741 NORTH FORK SUWANNEE RIVER AT SILL NEAR FARGO, GA -continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	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, (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)	
FEB	01...	80020	1028	111.81	160	40	765	9.1	85	3.7	89	12.8	4	
MAR	28...	80020	1028	--	--	40	766	5.9	56	3.8	99	13.0	--	
MAY	02...	80020	1028	--	280	10	770	7.9	91	3.8	98	22.1	6	
AUG	23...	80020	1028	108.28	400	10	765	--	62	3.6	101	26.6	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-SORPTION 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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
FEB	01...	.6	.500	<.10	1	4.4	--	<1	7.5	<.1	11.0	.7	4	92
MAR	28...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY	02...	1.0	.800	.10	.9	5.1	65	<1	8.4	<.1	6.4	.3	22	128
AUG	23...	.8	.690	<.10	1.0	5.0	--	<1	7.7	<.1	7.2	<.2	11	151
DATE		NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA (MG/L AS NH4) (71845)	NITRO-GEN, NO2+NO3 (MG/L AS N) (00630)	NITRO-GEN, NITRITE (MG/L AS N) (00615)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
FEB	01...	1.1	.07	.09	<.02	E.01	1.0	E.020	<.020	45	.5	<1.0	<1	<1.00
MAR	28...	--	--	--	--	--	--	--	--	51	.4	--	--	--
MAY	02...	1.9	.02	.03	<.02	<.01	1.9	<.010	<.020	55	1.3	<1.0	<1	<1.00
AUG	23...	1.9	.06	.08	<.02	<.01	1.8	<.010	<.020	65	.4	<1.0	<1	<1.00
DATE		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)	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)
FEB	01...	<1.00	<1.00	<1.00	2.0	3.3	3.0	320	<1.00	1.0	<.10	<.10	<1.00	<1.0
MAR	28...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY	02...	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	710	<1.00	<1.0	<.10	<.10	<1.00	<1.0
AUG	23...	<1.00	<1.00	<1.00	1.3	<1.0	<1.0	1400	<1.00	<1.0	<.10	<.10	<1.00	1.2

**SUWANNEE RIVER BASIN  
2001 Water Year**

**023142741 NORTH FORK SUWANNEE RIVER AT SILL NEAR FARGO, GA -continued**

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	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)
FEB								
01...	<1.0	<1.0	6.00	<1.0	8.0	4.0	8.3	3060
MAR								
28...	--	--	--	--	--	--	--	3060
MAY								
02...	<1.0	<1.0	11.0	<1.0	6.0	4.0	9.8	3060
AUG								
23...	<1.0	<1.0	9.50	<1.0	8.8	11	14	3060

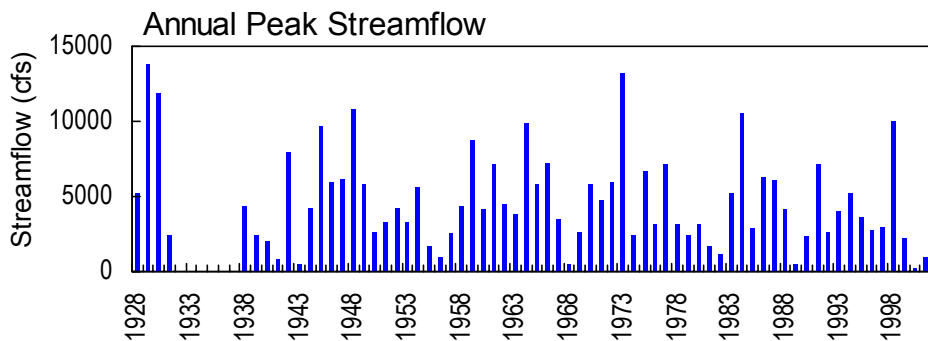
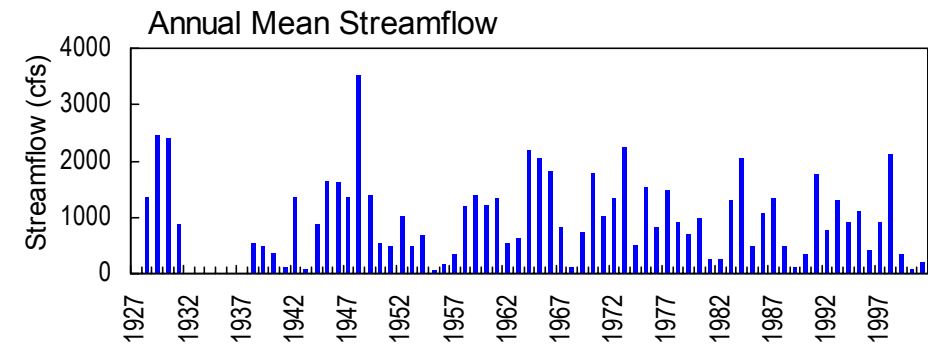
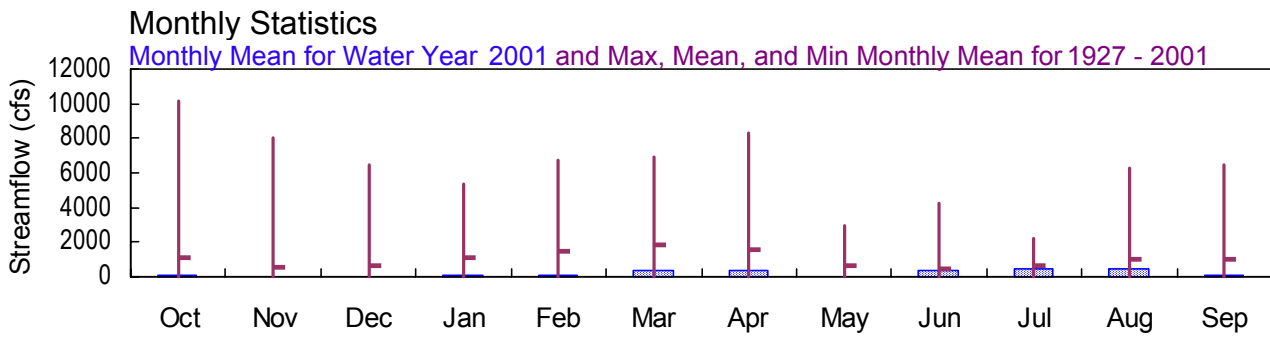
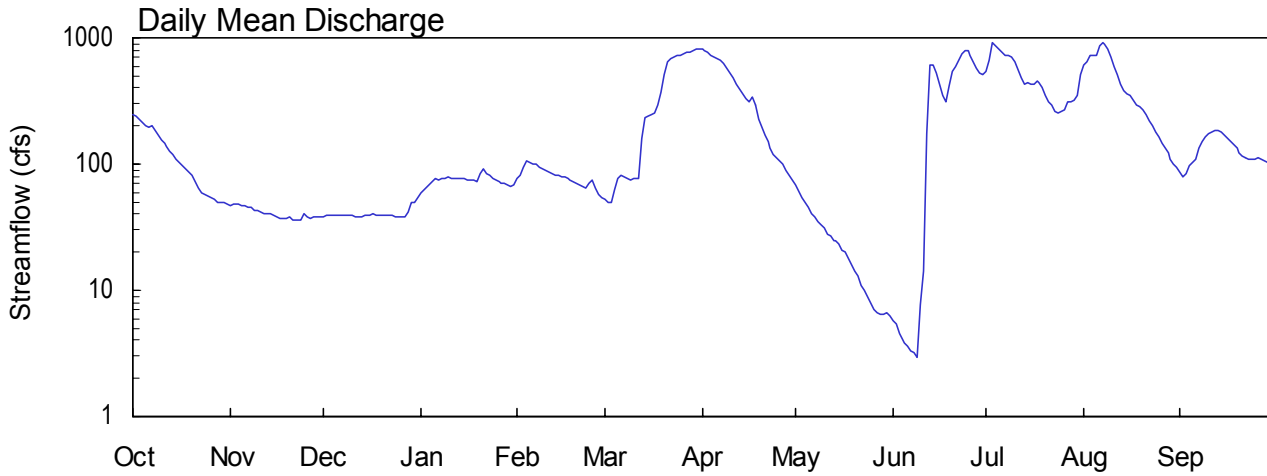
Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# SUWANNEE RIVER BASIN

## 2001 Water Year

### 02314500 SUWANNEE RIVER AT FARGO, GA

Latitude: 30° 40' 50" Longitude: 82° 33' 38" Hydrologic Unit Code: 03110201 Clinch County  
Drainage Area: 1260 mi<sup>2</sup> Datum: 91.9 feet Period of Record: 1927 - 2001



**SUWANNEE RIVER BASIN**  
**2001 Water Year**

**02314500 SUWANNEE RIVER AT FARGO, GA**

**LOCATION.**--Lat 30°40'50", long 82°33'38", Clinch County, Hydrologic Unit, 03110201, on downstream side of right bank pier of bridge on U.S. Highway 441 at Fargo, 4.0 miles upstream from Suwannoochee Creek, and 12.0 miles downstream from Mixons Ferry dam site.

**DRAINAGE AREA.**--About 1,260 mi<sup>2</sup>, 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.**--Water-stage recorder. Datum of gage is 91.90 feet above sea level. 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
July 3	1630	922*	7.24*



**SUWANNEE RIVER BASIN  
2001 Water Year**

**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.**--Water-stage recorder. Datum of gage is 91.90 feet above sea level. 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, 7.24 feet, July 3; minimum gage-height recorded, 0.40 feet, June 8.

STATION NUMBER 02314500 SUWANNEE RIVER AT FARGO, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304050 LONGITUDE 0823338 DRAINAGE AREA 1260.00 DATUM 91.90 STATE 13 COUNTY 065

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	247	47	38	60	77	52	811	68	5.7	547	608	86
2	239	48	39	63	82	50	789	61	5.4	669	642	79
3	226	48	39	67	94	50	759	55	4.6	905	718	83
4	213	48	39	71	106	63	729	50	4.1	871	718	97
5	199	47	39	74	103	76	702	46	3.8	808	722	102
6	193	47	39	76	100	81	686	41	e3.6	763	876	108
7	202	46	39	75	99	80	670	38	e3.3	728	911	135
8	186	45	39	76	94	77	630	35	e3.2	718	886	150
9	171	43	39	77	91	75	577	33	2.9	707	810	164
10	157	43	39	79	88	78	522	31	7.6	639	700	172
11	147	42	38	78	86	78	477	28	14	560	596	177
12	137	41	38	78	84	77	434	27	174	486	506	183
13	127	40	38	78	82	158	389	25	601	428	432	184
14	118	41	39	78	81	236	356	25	603	438	377	178
15	110	39	39	77	80	238	330	23	524	432	361	170
16	104	38	39	75	79	247	316	21	432	434	346	161
17	98	37	41	75	77	254	338	20	351	451	323	150
18	92	37	39	74	74	290	297	18	314	439	297	140
19	87	37	39	72	72	375	226	16	420	400	283	132
20	81	38	39	85	70	511	193	14	536	348	272	123
21	73	36	39	91	68	640	168	13	584	312	246	116
22	64	36	39	85	66	676	149	11	666	290	222	111
23	59	36	39	81	64	698	133	10	754	263	200	108
24	58	36	38	78	70	718	120	8.8	796	254	181	108
25	56	40	38	75	74	735	111	7.9	781	259	163	110
26	54	38	38	73	64	756	107	7.1	718	271	148	112
27	52	37	38	71	58	768	100	6.6	645	310	134	110
28	50	38	42	70	54	774	90	6.4	581	316	122	106
29	50	38	49	68	---	784	81	6.4	534	318	110	102
30	49	38	49	67	---	807	74	6.7	510	346	100	95
31	48	---	54	68	---	816	---	6.2	---	507	94	---
TOTAL	3747	1225	1241	2315	2237	11318	11364	765.1	10582.2	15217	13104	3852
MEAN	121	40.8	40.0	74.7	79.9	365	379	24.7	353	491	423	128
MAX	247	48	54	91	106	816	811	68	796	905	911	184
MIN	48	36	38	60	54	50	74	6.2	2.9	254	94	79
CFSM	.10	.03	.03	.06	.06	.29	.30	.02	.28	.39	.34	.10
IN.	.11	.04	.04	.07	.07	.33	.34	.02	.31	.45	.39	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1927 - 2001, BY WATER YEAR (WY)

	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
MEAN	1097	590	671	1072	1511	1845	1546	637	468	633	1060	1002																	
MAX	10150	8066	6426	5345	6771	6933	8330	2952	4258	2180	6278	6471																	
(WY)	1929	1948	1977	1942	1998	1998	1973	1928	1946	1946	1945	1964																	
MIN	.12	.13	.24	3.04	4.28	6.10	12.7	7.13	4.33	1.82	.20	.43																	
(WY)	1955	1932	1955	1955	1957	1955	1955	1955	1955	1954	1954	1954																	

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1927 - 2001

ANNUAL TOTAL	27181.3	76967.3																												
ANNUAL MEAN	74.3	211																												
HIGHEST ANNUAL MEAN										1018																				
LOWEST ANNUAL MEAN										3512																				
HIGHEST DAILY MEAN										59.8																				
LOWEST DAILY MEAN										13800																				
ANNUAL SEVEN-DAY MINIMUM										.00																				
MAXIMUM PEAK FLOW										.00																				
MAXIMUM PEAK STAGE										13800																				
INSTANTANEOUS LOW FLOW										21.01																				
ANNUAL RUNOFF (CFSM)										.00																				
ANNUAL RUNOFF (INCHES)										.81																				
10 PERCENT EXCEEDS										10.98																				
50 PERCENT EXCEEDS										2630																				
90 PERCENT EXCEEDS										428																				

STATISTICS COMPUTED BY: rnichols

DATE: 03/11/2002 AT: 13:41:47

e Estimated

STATION NUMBER 02314500 SUWANNEE RIVER AT FARGO, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304050 LONGITUDE 0823338 DRAINAGE AREA 1260.00 DATUM 91.90 STATE 13 COUNTY 065

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

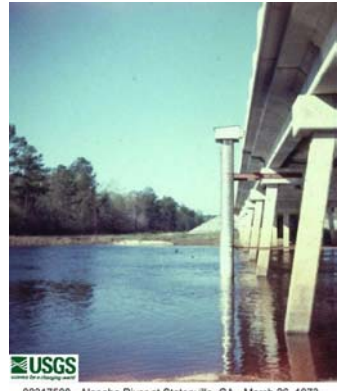
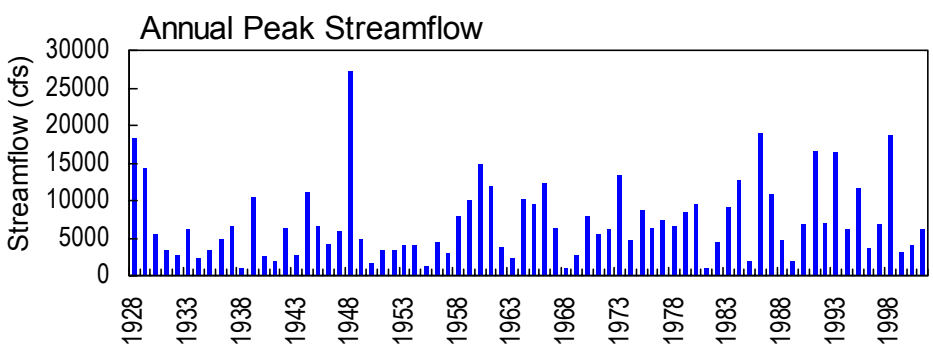
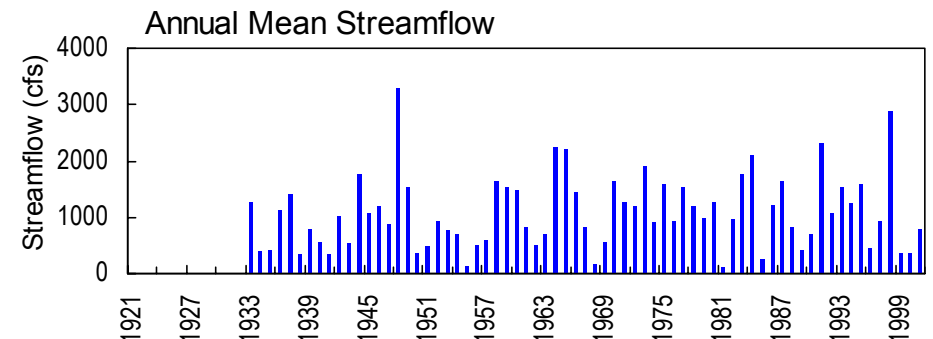
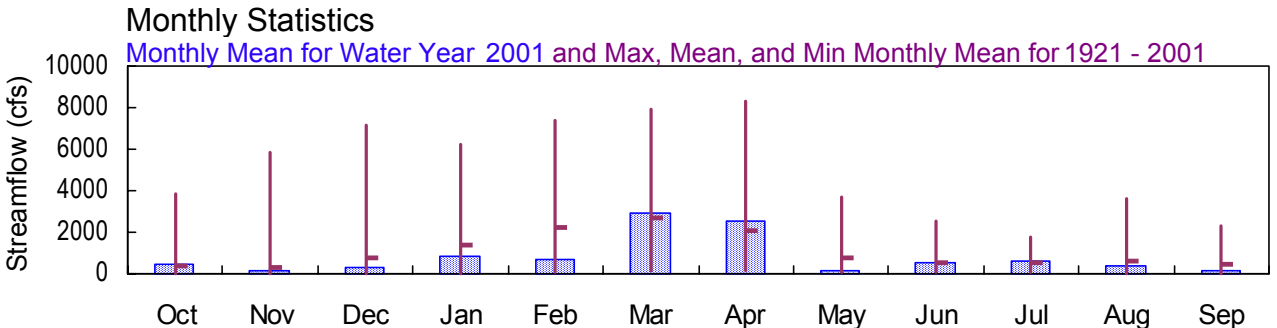
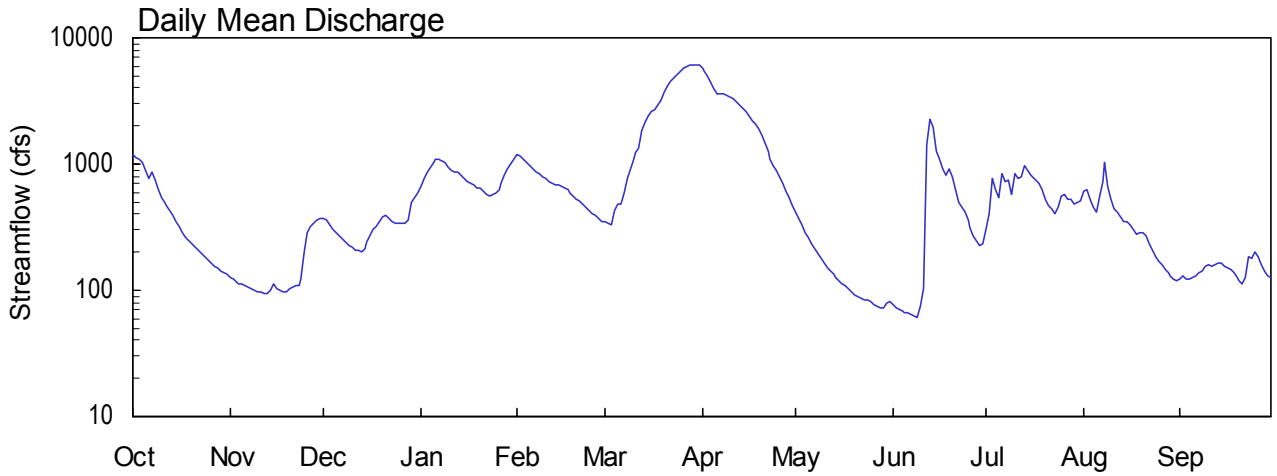
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.41	1.38	1.24	1.54	1.76	1.44	6.73	1.60	.56	5.39	5.72	1.81
2	3.35	1.39	1.25	1.59	1.83	1.42	6.63	1.52	.55	6.03	5.90	1.73
3	3.25	1.39	1.25	1.64	1.97	1.41	6.48	1.45	.53	7.17	6.29	1.77
4	3.13	1.39	1.25	1.69	2.10	1.59	6.34	1.38	.51	7.01	6.29	1.92
5	3.02	1.38	1.25	1.72	2.07	1.75	6.21	1.33	.50	6.72	6.30	1.97
6	2.97	1.37	1.26	1.75	2.04	1.82	6.12	1.27	.48	6.50	7.03	2.05
7	3.04	1.36	1.26	1.74	2.03	1.80	6.04	1.22	.47	6.33	7.19	2.36
8	2.91	1.34	1.26	1.75	1.97	1.77	5.84	1.18	.47	6.28	7.08	2.53
9	2.76	1.32	1.26	1.76	1.94	1.74	5.56	1.15	.45	6.23	6.73	2.67
10	2.64	1.31	1.26	1.79	1.90	1.78	5.26	1.11	.62	5.91	6.19	2.76
11	2.54	1.30	1.24	1.77	1.87	1.78	5.00	1.07	.78	5.47	5.66	2.81
12	2.44	1.29	1.24	1.78	1.85	1.76	4.73	1.05	2.52	5.05	5.16	2.86
13	2.34	1.28	1.24	1.78	1.83	2.61	4.46	1.02	5.68	4.70	4.72	2.87
14	2.25	1.28	1.25	1.78	1.82	3.33	4.24	1.01	5.70	4.76	4.38	2.81
15	2.16	1.26	1.25	1.76	1.81	3.35	4.06	.98	5.26	4.72	4.28	2.74
16	2.08	1.24	1.25	1.74	1.79	3.42	3.97	.95	4.72	4.73	4.18	2.65
17	2.01	1.23	1.28	1.74	1.77	3.47	4.12	.91	4.20	4.84	4.02	2.53
18	1.95	1.22	1.26	1.73	1.73	3.75	3.83	.88	3.95	4.77	3.84	2.42
19	1.89	1.22	1.26	1.70	1.70	4.34	3.27	.84	4.64	4.52	3.73	2.32
20	1.82	1.24	1.26	1.87	1.67	5.18	2.97	.81	5.33	4.19	3.65	2.23
21	1.71	1.21	1.26	1.93	1.65	5.89	2.71	.77	5.70	3.95	3.45	2.14
22	1.59	1.21	1.25	1.86	1.62	6.07	2.51	.73	6.12	3.79	3.24	2.08
23	1.54	1.21	1.25	1.81	1.60	6.18	2.34	.70	6.49	3.59	3.03	2.03
24	1.52	1.21	1.25	1.77	1.67	6.28	2.19	.66	6.66	3.52	2.84	2.04
25	1.50	1.27	1.24	1.74	1.72	6.37	2.08	.64	6.59	3.56	2.67	2.07
26	1.47	1.24	1.24	1.72	1.60	6.47	2.03	.62	6.31	3.64	2.50	2.09
27	1.44	1.23	1.24	1.69	1.52	6.53	1.95	.60	5.95	3.93	2.35	2.07
28	1.42	1.24	1.30	1.67	1.48	6.56	1.84	.59	5.61	3.97	2.21	2.03
29	1.41	1.24	1.40	1.64	---	6.61	1.75	.59	5.32	3.98	2.07	1.98
30	1.40	1.24	1.41	1.64	---	6.72	1.67	.60	5.19	4.17	1.95	1.91
31	1.39	---	1.48	1.65	---	6.76	---	.58	---	5.16	1.89	---
MEAN	2.20	1.28	1.27	1.73	1.80	3.87	4.10	.96	3.60	4.99	4.40	2.28
MAX	3.41	1.39	1.48	1.93	2.10	6.76	6.73	1.60	6.66	7.17	7.19	2.87
MIN	1.39	1.21	1.24	1.54	1.48	1.41	1.67	.58	.45	3.52	1.89	1.73

# SUWANNEE RIVER BASIN

## 2001 Water Year

### 02317500 ALAPAHA RIVER AT STATENVILLE, GA

Latitude: 30° 42' 14" Longitude: 83° 02' 00" Hydrologic Unit Code: 03110202 Echols County  
 Drainage Area: 1400 mi<sup>2</sup> Datum: 76.77 feet Period of Record: 1921 - 2001



02317500 - Alapaha River at Statenville, GA - March 26, 1973

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02317500 ALAPAHA RIVER AT STATENVILLE, GA**

**LOCATION.**--Lat 30°42'14", long 83°02'00", Echols County, Hydrologic Unit 03110202, at downstream side of left bank pier of bridge on GA Highway 94, 10.4 miles upstream from Alapahoochee River (Grand Bay Creek), 0.2 miles west of Statenville.

**DRAINAGE AREA.**--1,400 mi<sup>2</sup>, 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 sea level (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. Periods of monthly discharge only are not included in statistics computations.

**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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 30	0415	6,140*	22.83*

No other peak greater than base discharge.

**SUWANNEE RIVER BASIN  
2001 Water Year**

**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 sea level (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, 22.83 feet, March 30; minimum gage-height recorded, 1.18 feet, June 9-10.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 1, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02317500 ALAPAHA RIVER AT STATENVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304214 LONGITUDE 0830200 DRAINAGE AREA 1400 DATUM 76.77 STATE 13 COUNTY 101

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	1180	126	373	666	1190	349	5810	415	76	302	616	121
2	1130	122	356	761	1160	342	5480	366	72	411	623	129
3	1100	118	328	863	1090	331	5020	328	70	776	532	123
4	1030	114	301	955	1030	428	4470	289	68	619	459	124
5	900	113	282	1030	977	483	3940	259	67	543	422	127
6	780	110	267	1080	918	479	3630	234	66	851	557	131
7	858	107	251	1090	874	588	3570	212	64	727	721	138
8	752	104	238	1070	839	761	3580	194	63	741	1020	141
9	634	101	226	1020	803	924	3540	178	61	571	659	157
10	542	98	217	945	765	1090	3430	164	75	851	520	159
11	492	96	210	886	734	1210	3270	152	103	770	442	155
12	469	94	205	874	699	1340	3110	141	1410	785	423	159
13	435	93	200	855	676	1830	2950	135	2270	967	386	162
14	393	101	211	815	676	2110	2780	128	1970	895	350	164
15	354	111	240	769	667	2400	2580	120	1280	809	349	156
16	318	103	267	734	647	2650	2390	114	1100	760	331	150
17	288	99	300	708	624	2720	2220	108	928	735	300	145
18	263	98	319	681	592	2930	2060	102	821	698	276	137
19	246	98	349	654	560	3240	1880	97	911	624	284	127
20	232	103	382	640	533	3670	1680	92	790	529	286	119
21	219	105	388	613	505	4120	1470	89	624	472	268	114
22	208	109	371	581	476	4510	1270	86	501	440	235	126
23	195	110	350	565	451	4850	1100	85	452	401	207	184
24	184	124	339	571	428	5150	966	83	415	454	185	177
25	174	198	339	589	410	5420	879	81	365	553	171	204
26	164	285	344	629	390	5670	789	78	315	568	159	184
27	157	322	340	703	370	5880	699	75	271	520	147	161
28	149	343	358	811	355	6020	616	73	248	529	136	143
29	142	362	493	914	---	6100	541	72	229	487	129	130
30	137	374	543	1010	---	6120	473	79	235	492	123	125
31	132	---	587	1090	---	6020	---	82	---	515	118	---
TOTAL	14257	4441	9974	25172	19439	89735	76193	4711	15920	19395	11434	4372
MEAN	460	148	322	812	694	2895	2540	152	531	626	369	146
MAX	1180	374	587	1090	1190	6120	5810	415	2270	967	1020	204
MIN	132	93	200	565	355	331	473	72	61	302	118	114
CFSM	.33	.11	.23	.58	.50	2.07	1.81	.11	.38	.45	.26	.10
IN.	.38	.12	.27	.67	.52	2.38	2.02	.13	.42	.52	.30	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1921 - 2001, BY WATER YEAR (WY)

	400	334	774	1413	2251	2664	2112	805	515	505	652	472
MEAN	400	334	774	1413	2251	2664	2112	805	515	505	652	472
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	46.9	38.8	29.4	25.6
(WY)	1969	1955	1955	1934	1934	1955	1968	1999	1955	1981	1954	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1921 - 2001

ANNUAL TOTAL	159915	295043		
ANNUAL MEAN	437	808		1082
HIGHEST ANNUAL MEAN				3280
LOWEST ANNUAL MEAN				127
HIGHEST DAILY MEAN	4060	Apr 13	6120	Mar 30
LOWEST DAILY MEAN	37	Jul 20	61	Jun 9
ANNUAL SEVEN-DAY MINIMUM	38	Jan 1	66	Jun 3
MAXIMUM PEAK FLOW			6140	Mar 30
MAXIMUM PEAK STAGE			22.83	Mar 30
INSTANTANEOUS LOW FLOW				16
ANNUAL RUNOFF (CFSM)	.31		.58	.77
ANNUAL RUNOFF (INCHES)	4.25		7.84	10.50
10 PERCENT EXCEEDS	1220		2080	2940
50 PERCENT EXCEEDS	196		415	384
90 PERCENT EXCEEDS	44		104	55

STATISTICS COMPUTED BY: rnichols

DATE: 01/25/2002 AT: 11:00:32

STATION NUMBER 02317500 ALAPAHA RIVER AT STATENVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304214 LONGITUDE 0830200 DRAINAGE AREA 1400 DATUM 76.77 STATE 13 COUNTY 101

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	6.40	1.54	3.03	4.37	6.44	2.90	21.91	3.34	1.32	2.78	4.22	1.70
2	6.20	1.51	2.93	4.74	6.31	2.86	20.95	3.10	1.29	3.29	4.25	1.76
3	6.08	1.47	2.79	5.14	6.06	2.80	19.58	2.91	1.27	4.81	3.87	1.71
4	5.81	1.44	2.64	5.51	5.81	3.29	17.84	2.71	1.25	4.23	3.54	1.72
5	5.29	1.42	2.53	5.80	5.60	3.57	16.11	2.55	1.24	3.91	3.37	1.74
6	4.81	1.40	2.44	6.00	5.36	3.55	15.11	2.41	1.24	5.09	3.98	1.77
7	5.12	1.38	2.36	6.05	5.18	4.05	14.90	2.29	1.21	4.63	4.62	1.82
8	4.71	1.35	2.28	5.97	5.04	4.74	14.94	2.18	1.20	4.68	5.75	1.84
9	4.24	1.33	2.21	5.76	4.90	5.38	14.80	2.08	1.18	4.04	4.38	1.95
10	3.86	1.31	2.15	5.47	4.76	6.04	14.44	2.00	1.31	5.09	3.82	1.96
11	3.62	1.29	2.11	5.23	4.64	6.51	13.92	1.92	1.55	4.79	3.46	1.94
12	3.51	1.27	2.07	5.18	4.50	7.01	13.37	1.84	7.23	4.85	3.38	1.96
13	3.33	1.26	2.05	5.10	4.42	8.87	12.83	1.79	10.43	5.56	3.20	1.98
14	3.13	1.33	2.11	4.95	4.42	9.86	12.22	1.75	9.36	5.27	3.02	1.99
15	2.92	1.42	2.29	4.77	4.38	10.89	11.55	1.69	6.77	4.93	3.01	1.94
16	2.73	1.34	2.45	4.64	4.30	11.78	10.87	1.64	6.06	4.76	2.93	1.90
17	2.56	1.32	2.63	4.54	4.21	12.02	10.25	1.60	5.40	4.67	2.77	1.87
18	2.42	1.31	2.73	4.44	4.07	12.75	9.67	1.55	4.98	4.53	2.64	1.81
19	2.32	1.31	2.89	4.33	3.94	13.81	9.04	1.51	5.33	4.25	2.69	1.74
20	2.24	1.35	3.07	4.27	3.81	15.22	8.30	1.47	4.86	3.86	2.70	1.68
21	2.17	1.37	3.10	4.16	3.68	16.73	7.52	1.44	4.25	3.60	2.60	1.65
22	2.09	1.40	3.01	4.03	3.54	17.98	6.75	1.41	3.73	3.46	2.42	1.72
23	2.02	1.40	2.90	3.96	3.41	19.06	6.08	1.40	3.51	3.27	2.26	2.12
24	1.95	1.52	2.85	3.98	3.30	19.98	5.55	1.39	3.34	3.52	2.13	2.07
25	1.88	2.03	2.85	4.06	3.21	20.79	5.20	1.38	3.09	3.97	2.04	2.24
26	1.81	2.55	2.87	4.23	3.11	21.51	4.86	1.34	2.84	4.03	1.96	2.12
27	1.75	2.75	2.85	4.52	3.01	22.09	4.53	1.32	2.62	3.82	1.88	1.97
28	1.71	2.86	2.94	4.93	2.93	22.50	4.22	1.30	2.49	3.86	1.81	1.85
29	1.66	2.96	3.62	5.35	---	22.73	3.92	1.29	2.39	3.67	1.76	1.76
30	1.62	3.03	3.86	5.73	---	22.78	3.61	1.36	2.42	3.70	1.71	1.73
31	1.58	---	4.05	6.06	---	22.50	---	1.38	---	3.80	1.67	---
MEAN	3.28	1.64	2.73	4.94	4.44	12.15	11.16	1.85	3.51	4.22	3.03	1.87
MAX	6.40	3.03	4.05	6.06	6.44	22.78	21.91	3.34	10.43	5.56	5.75	2.24
MIN	1.58	1.26	2.05	3.96	2.93	2.80	3.61	1.29	1.18	2.78	1.67	1.65



STATION NUMBER 02317500 ALAPAHA RIVER AT STATENVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304214 LONGITUDE 0830200 DRAINAGE AREA 1400 DATUM 76.77 STATE 13 COUNTY 101

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	---	---	---	---	---	---	---	---	.31	.01	.00	1.06
2	---	---	---	---	---	---	---	.00	.00	.82	.61	.10
3	---	---	---	---	---	---	---	.00	.01	.12	.04	.11
4	---	---	---	---	---	---	---	.00	.00	.00	.64	.04
5	---	---	---	---	---	---	---	.00	.29	---	.98	.12
6	---	---	---	---	---	---	---	.00	.01	---	.01	.00
7	---	---	---	---	---	---	---	.00	.07	2.12	2.60	.00
8	---	---	---	---	---	---	---	.00	.14	.00	.00	.00
9	---	---	---	---	---	---	---	.00	.39	---	.00	.00
10	---	---	---	---	---	---	---	.00	.96	---	.00	.00
11	---	---	---	---	---	---	---	.00	2.47	.00	.60	.30
12	---	---	---	---	---	---	---	.04	7.23	.71	.00	.29
13	---	---	---	---	---	---	---	.00	2.30	.29	.00	.26
14	---	---	---	---	---	---	---	.00	.00	.01	.20	.01
15	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.25	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
18	---	---	---	---	---	---	---	.00	.85	.00	1.02	.00
19	---	---	---	---	---	---	---	.00	.00	.00	.01	.00
20	---	---	---	---	---	---	---	.00	.00	.72	.00	.00
21	---	---	---	---	---	---	---	.00	.00	.06	.00	.00
22	---	---	---	---	---	---	---	.14	.36	.03	.00	2.45
23	---	---	---	---	---	---	---	.00	.14	.00	.00	.22
24	---	---	---	---	---	---	---	.00	.04	2.33	.00	.50
25	---	---	---	---	---	---	---	.00	.00	.01	.00	.01
26	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
27	---	---	---	---	---	---	---	.00	.00	.10	.00	.00
28	---	---	---	---	---	---	---	.04	.01	.00	.00	.00
29	---	---	---	---	---	---	---	.03	.05	.06	.00	.00
30	---	---	---	---	---	---	---	.00	1.29	.01	.00	.00
31	---	---	---	---	---	---	---	.02	---	1.00	.56	---
TOTAL	---	---	---	---	---	---	---	---	17.17	---	7.27	5.47

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02317600 LITTLE RIVER AT GA 376, NEAR STATENVILLE, GA**

**LOCATION.**--Lat 30°42'13", long 83°07'18", Echols County, Hydrologic Unit 03110202, at GA Highway 376, 5.0 miles west of Statenville.

**DRAINAGE AREA.**—199 mi<sup>2</sup>.

**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 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:** 17.36 feet, March 28, 1984

**DISCHARGE:** 11,000 ft<sup>3</sup>/s, March 28, 1984

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 13.22 feet, March 30

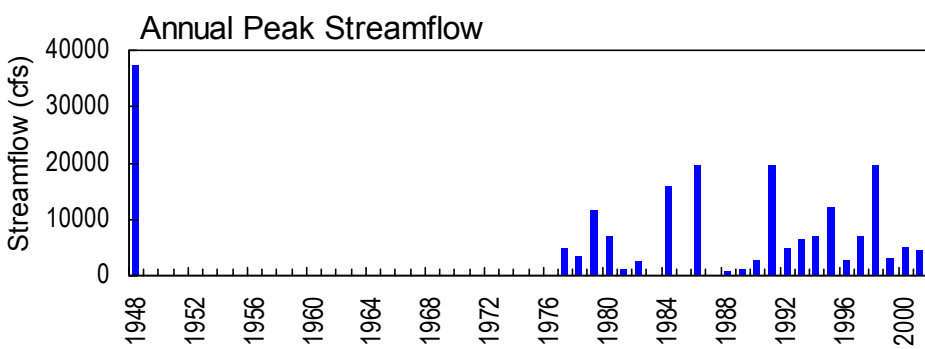
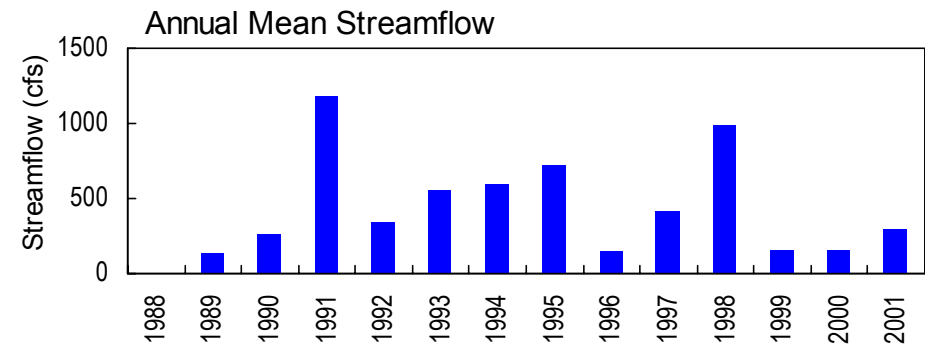
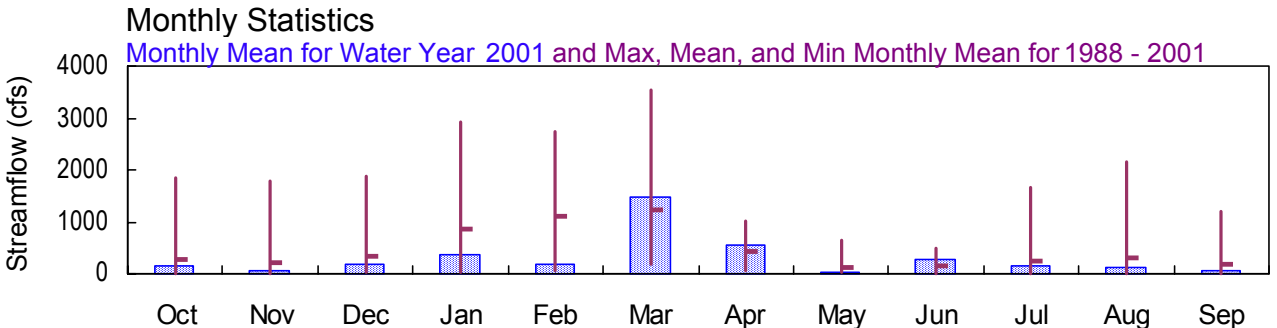
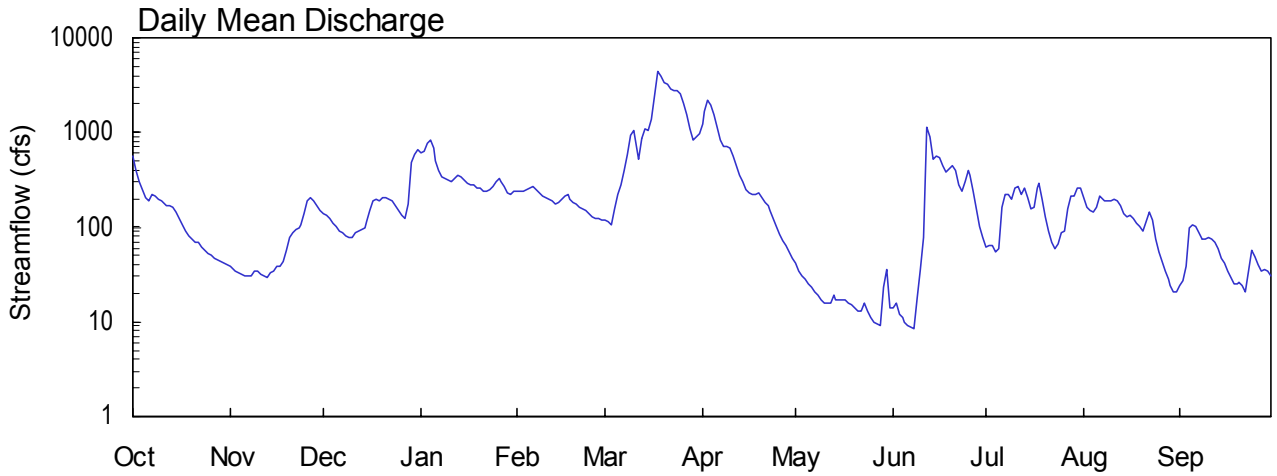
**DISCHARGE:** 3,390 ft<sup>3</sup>/s, March 30

# SUWANNEE RIVER BASIN

## 2001 Water Year

**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<sup>2</sup> Datum: 125 feet Period of Record: 1988 - 2001



**SUWANNEE RIVER BASIN  
2001 Water Year**

**023177483 WITHLACOOCHEE RIVER AT MCMILLAN ROAD, NEAR BEMISS, GA**

**LOCATION.**--Lat 30°56'50", long 83°16'22", 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<sup>2</sup>, 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 feet above sea level (from topographic map).

**REMARKS.**--Records good.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 1,600 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 18	1445	4,560*	16.47*
Apr. 3	1500	2,210	13.53

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- June 1988 to current year.

**GAGE.**-- Phone telemetry with a water-stage recorder. Elevation of gage is 125 feet above sea level (from topographic map).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 16.47 feet, March 18; minimum gage-height recorded, 1.52 feet, June 7-8.

STATION NUMBER 023177483 WITHLACOOCHEE RIVER AT MCMILLAN RD, NEAR BEMISS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 305709 LONGITUDE 0831607 DRAINAGE AREA 502 DATUM 125 STATE 13 COUNTY 185

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	560	38	139	609	243	119	1230	41	14	62	206	24
2	399	36	132	627	244	113	1700	35	16	64	165	27
3	307	34	123	771	242	106	2160	31	12	65	150	39
4	250	33	111	832	247	159	1970	28	11	55	147	99
5	209	32	101	685	260	219	1530	25	9.8	60	165	107
6	187	31	92	509	270	281	1120	23	9.3	161	217	102
7	223	30	86	392	253	393	830	21	8.7	225	198	86
8	217	30	82	335	229	592	710	19	8.6	220	188	76
9	201	34	79	330	212	917	701	17	18	199	188	76
10	188	34	79	318	203	1070	673	16	36	258	188	78
11	177	32	86	308	199	834	565	16	78	266	196	75
12	167	30	91	328	188	522	448	16	1130	222	190	68
13	168	29	94	351	179	867	356	19	907	262	171	59
14	165	33	99	343	180	1080	297	17	519	207	141	46
15	144	34	115	319	195	1070	249	17	553	157	129	41
16	123	38	150	294	215	1400	232	17	543	162	133	35
17	104	38	192	282	219	2510	220	17	445	257	123	29
18	91	44	194	275	197	4390	226	16	376	293	111	25
19	82	56	189	264	186	3890	231	15	413	198	101	25
20	75	79	204	255	176	3340	206	14	445	127	90	26
21	70	86	207	244	164	3220	181	13	404	89	116	24
22	69	94	200	244	155	2910	171	13	279	70	147	21
23	62	100	188	252	152	2760	151	16	241	60	117	34
24	56	108	170	266	139	2810	124	13	302	66	75	58
25	52	138	152	298	131	2590	101	11	393	86	54	49
26	50	191	136	324	126	2070	84	10	351	91	44	40
27	47	204	123	305	125	1550	72	9.6	243	157	35	34
28	45	191	178	265	121	1090	63	9.0	157	212	28	36
29	43	166	477	233	---	821	54	23	102	214	24	34
30	42	149	595	224	---	885	47	36	77	260	21	30
31	40	---	656	239	---	977	---	14	---	262	21	---
TOTAL	4613	2172	5520	11321	5450	45555	16702	587.6	8101.4	5087	3879	1503
MEAN	149	72.4	178	365	195	1470	557	19.0	270	164	125	50.1
MAX	560	204	656	832	270	4390	2160	41	1130	293	217	107
MIN	40	29	79	224	121	106	47	9.0	8.6	55	21	21
CFSM	.30	.14	.35	.73	.39	2.93	1.11	.04	.54	.33	.25	.10
IN.	.34	.16	.41	.84	.40	3.38	1.24	.04	.60	.38	.29	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2001, BY WATER YEAR (WY)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	289	224	352	867	1094	1237	428	129	147	232	310	177		
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	6.31	26.1	32.9	72.6	194	47.6	15.5	5.10	7.02	3.90	1.23		
(WY)	1996	1992	1996	1989	1989	2000	1999	1999	2000	1988	1990	1990		

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1988 - 2001

ANNUAL TOTAL	68441.73	110491.0		
ANNUAL MEAN	187	303	458	
HIGHEST ANNUAL MEAN			1178	1991
LOWEST ANNUAL MEAN			135	1989
HIGHEST DAILY MEAN	5010	Sep 9	4390	Mar 18
LOWEST DAILY MEAN	.28	Jun 15	8.6	Jun 8
ANNUAL SEVEN-DAY MINIMUM	.34	Jun 11	11	Jun 2
MAXIMUM PEAK FLOW			4560	Mar 18
MAXIMUM PEAK STAGE			16.47	Mar 18
INSTANTANEOUS LOW FLOW				.19
ANNUAL RUNOFF (CFSM)	.37		.60	.91
ANNUAL RUNOFF (INCHES)	5.07		8.19	12.38
10 PERCENT EXCEEDS	439		678	1180
50 PERCENT EXCEEDS	56		151	88
90 PERCENT EXCEEDS	6.5		23	7.9

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/02/2002 AT: 10:06:27

STATION NUMBER 023177483 WITHLACOOCHEE RIVER AT MCMILLAN RD, NEAR BEMISS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 305709 LONGITUDE 0831607 DRAINAGE AREA 502 DATUM 125 STATE 13 COUNTY 185

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	7.08	2.22	3.64	7.42	4.68	3.42	10.51	2.41	1.73	2.74	4.32	2.05
2	5.95	2.18	3.57	7.53	4.68	3.35	12.19	2.30	1.80	2.77	3.92	2.13
3	5.23	2.14	3.47	8.37	4.66	3.26	13.42	2.22	1.65	2.79	3.76	2.37
4	4.73	2.12	3.32	8.70	4.71	3.85	12.96	2.16	1.62	2.65	3.74	3.21
5	4.36	2.10	3.19	7.87	4.83	4.45	11.64	2.10	1.59	2.70	3.92	3.32
6	4.15	2.08	3.08	6.73	4.91	5.00	10.06	2.02	1.56	3.87	4.44	3.26
7	4.49	2.06	3.00	5.90	4.76	5.90	8.68	1.95	1.54	4.51	4.25	3.07
8	4.43	2.05	2.94	5.46	4.55	7.28	8.03	1.90	1.54	4.46	4.16	2.93
9	4.28	2.14	2.90	5.42	4.39	9.12	7.98	1.84	1.80	4.26	4.15	2.94
10	4.15	2.14	2.90	5.32	4.30	9.87	7.82	1.80	2.29	4.79	4.15	2.96
11	4.04	2.09	3.00	5.24	4.26	8.69	7.12	1.80	2.67	4.87	4.23	2.92
12	3.94	2.04	3.06	5.40	4.16	6.82	6.30	1.80	10.04	4.48	4.17	2.83
13	3.95	2.02	3.11	5.59	4.07	8.84	5.62	1.89	9.03	4.84	3.98	2.69
14	3.92	2.11	3.17	5.52	4.07	9.91	5.14	1.83	6.80	4.34	3.67	2.49
15	3.70	2.14	3.37	5.33	4.22	9.82	4.73	1.83	7.04	3.83	3.56	2.40
16	3.46	2.22	3.77	5.12	4.41	11.18	4.58	1.81	6.97	3.89	3.60	2.30
17	3.24	2.21	4.19	5.02	4.45	13.88	4.46	1.81	6.28	4.79	3.49	2.18
18	3.07	2.33	4.21	4.95	4.24	16.35	4.52	1.79	5.78	5.11	3.36	2.10
19	2.94	2.54	4.17	4.86	4.13	15.96	4.56	1.75	6.06	4.24	3.25	2.09
20	2.85	2.91	4.31	4.78	4.03	15.39	4.33	1.73	6.29	3.53	3.11	2.11
21	2.77	3.00	4.33	4.68	3.91	15.23	4.08	1.71	5.99	3.11	3.41	2.05
22	2.75	3.11	4.27	4.68	3.82	14.80	3.98	1.70	4.99	2.86	3.73	1.97
23	2.64	3.18	4.15	4.75	3.78	14.56	3.78	1.81	4.66	2.72	3.42	2.20
24	2.54	3.28	3.97	4.88	3.64	14.64	3.50	1.69	5.18	2.80	2.92	2.67
25	2.48	3.63	3.79	5.16	3.55	14.26	3.24	1.62	5.91	3.06	2.62	2.55
26	2.44	4.18	3.61	5.37	3.50	13.19	3.04	1.60	5.58	3.12	2.46	2.39
27	2.40	4.31	3.47	5.21	3.48	11.69	2.88	1.58	4.67	3.84	2.30	2.28
28	2.35	4.19	4.01	4.87	3.44	9.91	2.75	1.55	3.84	4.39	2.16	2.33
29	2.32	3.93	6.50	4.58	---	8.64	2.62	1.90	3.26	4.41	2.05	2.28
30	2.30	3.75	7.33	4.50	---	8.97	2.51	2.24	2.94	4.83	1.95	2.20
31	2.26	---	7.71	4.64	---	9.43	---	1.71	---	4.84	1.95	---
MEAN	3.59	2.68	3.92	5.61	4.20	9.92	6.23	1.87	4.37	3.85	3.43	2.51
MAX	7.08	4.31	7.71	8.70	4.91	16.35	13.42	2.41	10.04	5.11	4.44	3.32
MIN	2.26	2.02	2.90	4.50	3.44	3.26	2.51	1.55	1.54	2.65	1.95	1.97

**SUWANNEE RIVER BASIN  
2001 Water Year**

**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", 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<sup>2</sup>.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—December 1976 to April 1978, and March 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	GAGE HEIGHT (FEET) (00065)	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)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (00904)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
						SODIUM AD- SORP- TION RATIO (00931)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3 (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)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
OCT													
23...	0915	80020	1028	8.15	70	765	1.1	10	5.7	129	13.0	12	42
DEC													
20...	1347	80020	1028	9.26	10	754	5.0	40	5.8	100	5.0	16	26
JAN													
17...	1345	80020	1028	9.20	40	760	4.0	36	6.2	92	10.6	19	27
FEB													
21...	1512	80020	1028	9.04	40	760	6.3	63	6.2	93	14.9	19	29
MAR													
27...	1100	80020	1028	10.02	10	762	5.5	53	6.3	66	13.1	11	24
APR													
18...	1045	80020	1028	9.51	40	764	4.6	46	6.3	87	15.6	11	28
JUN													
19...	1030	80020	1028	8.39	70	756	.3	4	6.4	113	23.3	11	42

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02317797 LITTLE RIVER AT UPPER TY TY ROAD NEAR TIFTON, GA—continued**

DATE	SOLIDS, SUM OF CONSTITUENTS, 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)	NITRO- GEN, NITRITE DIS-SOLVED (MG/L) AS N) (00613)	NITRO- GEN, ORGANIC DIS-SOLVED (MG/L) AS N) (00607)	NITRO- GEN, ORGANIC TOTAL (MG/L) AS N) (00605)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)
OCT 23...	73	E.023	1.1	1.4	--	--	--	<.047	--	E.003	--	--	--
DEC 20...		<.041	.54	.56	.60	--	--	.059	--	E.005	--	--	.62
JAN 17...	47	<.041	.44	.42	.64	--	--	.202	--	<.006	--	--	.62
FEB 21...	41	<.040	.62	.67	--	--	--	E.044	--	E.005	--	--	--
MAR 27...	39	.093	.70	.75	1.00	.284	1.26	.294	.033	.010	.61	.65	1.0
APR 18...	49	.080	.94	1.1	1.3	.322	1.43	.330	.026	.008	.86	1.0	1.4
JUN 19...	64	.200	1.0	1.1	--	--	--	E.025	.026	.008	.85	.92	--

DATE	PHOS- PHORUS DIS-SOLVED (MG/L) AS P) (00666)	PHOS- PHORUS DIS-SOLVED (MG/L) AS P) (00671)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	CARBON, ORGANIC DIS-SOLVED (MG/L) AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L) AS C) (00689)	IRON, DIS-SOLVED (UG/L) AS FE) (01046)	MANGA- NESE, DIS-SOLVED (UG/L) AS MN) (01056)	2,6-DI- ETHYL ANILINE WAT FLT 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 FLT GF, REC (UG/L) (82673)
OCT 23...	.024	<.018	.079	27	--	3280	1120	<.002	<.004	<.002	<.005	<.007	<.010
DEC 20...	.016	<.018	.087	14	.6	760	49.8	<.002	<.004	<.002	<.005	.013	<.010
JAN 17...	.009	<.018	.015	9.3	--	280	19.2	<.002	<.004	<.002	<.005	.029	<.010
FEB 21...	.017	<.020	.025	13	--	960	40.4	<.002	<.004	<.002	<.005	.030	<.010
MAR 27...	.027	.018	.044	12	--	840	35.9	<.002	<.004	<.002	<.005	.022	<.010
APR 18...	.102	.064	.138	17	--	1620	31.1	<.002	<.004	<.002	<.005	.022	<.010
JUN 19...	.035	E.016	.084	21	--	1220	631	<.002	<.004	<.010	<.005	.016	<.010

DATE	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	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)	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 GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
OCT 23...	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021	<.002	<.009	<.005
DEC 20...	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021	<.002	<.009	<.005
JAN 17...	<.002	<.041	<.020	<.005	<.018	<.003	E.005	<.005	<.005	<.021	<.002	<.009	<.005
FEB 21...	<.002	<.041	<.020	<.005	<.018	<.003	E.003	<.005	<.005	<.021	<.002	<.009	<.005
MAR 27...	<.002	<.041	<.020	<.005	<.018	<.003	E.004	<.005	<.005	<.021	<.002	<.009	<.005
APR 18...	<.002	<.041	<.020	<.005	<.018	<.003	E.003	<.005	<.005	<.021	<.020	<.009	<.005
JUN 19...	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021	<.005	<.009	<.005



**SUWANNEE RIVER BASIN  
2001 Water Year**

**02317797 LITTLE RIVER AT UPPER TY TY ROAD NEAR TIFTON, GA—continued**

DATE	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 (UG/L) (82686)	METHYL PARA- THION WAT FLT (UG/L) (82667)	METO- LACHLOR WATER (UG/L) (39415)	METRI- BUZIN SENCOR WATER (UG/L) (82630)	MOL- INATE WATER FLTRD (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD (UG/L) (82684)	P,P' DDE DISSOLV (UG/L) (34653)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD (UG/L) (82669)
OCT													
23...	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.018	<.007	<.003	<.007	<.002
DEC													
20...	<.003	<.004	<.035	<.027	<.050	<.006	E.007	<.006	<.002	<.007	<.003	<.007	<.002
JAN													
17...	<.003	<.004	<.035	<.027	<.050	<.006	E.007	<.006	<.002	<.007	<.003	<.007	<.002
FEB													
21...	<.003	<.004	<.035	<.027	<.050	<.006	E.005	<.006	<.002	<.007	<.003	<.007	<.002
MAR													
27...	<.003	<.004	<.035	<.027	<.050	<.006	E.010	<.006	<.002	<.007	<.003	<.007	<.002
APR													
18...	<.003	<.004	<.035	<.027	<.050	<.006	E.013	<.006	<.002	<.007	<.003	<.007	<.002
JUN													
19...	<.003	<.004	<.035	<.027	<.050	<.006	.026	<.006	<.002	<.007	<.003	<.007	<.002
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 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, FLTRD 0.7 U 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)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)
OCT													
23...	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	E.008	<.016	<.034	<.017	<.005
DEC													
20...	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	.015	<.016	<.034	<.017	<.005
JAN													
17...	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	.075	<.016	<.034	<.017	<.005
FEB													
21...	<.010	<.006	<.011	E.005	<.004	<.010	<.011	<.023	.021	<.016	<.034	<.017	<.005
MAR													
27...	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	E.007	<.016	<.034	<.017	<.005
APR													
18...	<.010	<.006	<.011	E.010	<.004	<.010	<.011	<.023	E.006	E.013	<.034	<.017	<.005
JUN													
19...	<.010	<.006	<.011	E.006	<.004	<.010	<.011	<.023	E.003	<.016	<.034	<.017	<.005
DATE	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- PENDE D TYPE (CODE) (80154)	SAMPLER TYPE (CODE) (84164)								
OCT													
23...	<.002	<.009	--	--	3070								
DEC													
20...	<.002	<.009	100	5	3051								
JAN													
17...	<.002	<.009	100	3	3060								
FEB													
21...	<.002	<.009	100	4	3060								
MAR													
27...	<.002	<.009	99	18	3051								
APR													
18...	<.002	<.009	97	9	3060								
JUN													
19...	<.002	<.009	100	11	3070								

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

**SUWANNEE RIVER BASIN  
2001 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", Tift County, Hydrologic Unit 03110204, at culvert on secondary road 546, 4.0 miles southwest of Tifton.

**DRAINAGE AREA.**—0.47 mi<sup>2</sup>.

**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 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:** 5.46 feet, October 3, 1994

**DISCHARGE:** 219 ft<sup>3</sup>/s, October 3, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 1.01 feet, June 8

**DISCHARGE:** 14.2 ft<sup>3</sup>/s, June 8

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02317989 REED BINGHAM LAKE NEAR ADEL, GA**

**LOCATION.**--Lat 31°09'45", long 83°32'29", 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Geologic Survey; Suwannee River Water Management District.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**—October 18, 2000 to September 30, 2001.

**GAGE.**—Satellite telemetry with a water-stage recorder. Datum of gage is 200 feet (from topographic map).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 4.19 feet, March 16; minimum gage-height recorded, 1.17 feet, November 15.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—October 18, 2000 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02317989 REED BINGHAM LAKE NEAR ADEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 310945 LONGITUDE 0833229 DRAINAGE AREA 577.00 DATUM STATE 13 COUNTY 075

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	---	2.81	2.93	3.29	3.02	2.87	3.87	2.88	2.76	3.07	2.06	2.79
2	---	2.81	2.91	3.35	3.04	2.86	3.78	2.87	2.76	3.21	2.06	2.82
3	---	2.81	2.88	3.31	3.05	2.87	3.65	2.86	2.71	3.22	2.59	2.84
4	---	2.81	2.91	3.24	3.06	3.04	3.52	2.85	2.71	3.37	2.83	2.85
5	---	2.80	2.90	3.17	3.07	3.25	3.46	2.84	2.74	3.29	2.88	2.85
6	---	2.80	2.82	3.09	3.05	3.60	3.47	2.82	2.73	3.13	2.89	2.85
7	---	2.80	2.79	3.04	3.02	3.78	3.53	2.82	2.72	3.02	2.90	2.85
8	---	2.79	2.74	3.03	3.00	3.71	3.54	2.83	2.72	2.97	2.92	2.85
9	---	2.79	2.68	3.04	2.98	3.54	3.49	2.82	2.75	2.94	2.96	2.84
10	---	2.79	2.69	3.01	2.96	3.35	3.40	2.81	2.80	2.93	2.97	2.83
11	---	2.78	2.79	3.00	2.95	3.22	3.31	2.80	2.81	2.92	2.94	2.83
12	---	2.78	2.85	2.99	2.95	3.17	3.25	2.79	2.93	2.91	2.91	2.81
13	---	2.72	2.88	3.00	2.96	3.27	3.20	2.76	3.00	2.89	2.93	2.80
14	---	2.03	2.92	3.00	2.97	3.48	3.15	2.74	3.08	2.91	2.94	2.77
15	---	1.32	2.93	3.00	2.99	3.88	3.11	2.75	3.18	2.91	2.95	2.69
16	---	1.34	2.94	2.99	2.99	4.16	3.12	2.76	3.20	2.90	2.91	2.71
17	---	1.25	2.95	2.99	2.97	4.04	3.11	2.76	3.17	2.89	2.89	2.75
18	---	1.43	2.95	2.97	2.95	3.98	3.10	2.76	3.09	2.87	2.86	2.77
19	2.89	1.68	2.95	2.97	2.93	3.92	3.09	2.75	3.02	2.86	2.96	2.78
20	2.89	1.55	2.94	2.98	2.92	3.77	3.08	2.73	2.97	2.85	2.93	2.77
21	2.87	2.16	2.96	3.02	2.91	3.69	3.05	2.74	2.94	2.83	2.89	2.77
22	2.86	2.76	2.97	3.10	2.91	3.73	3.03	2.77	2.96	2.81	2.87	2.76
23	2.85	3.08	2.95	3.24	2.88	3.81	3.01	2.80	3.01	2.81	2.85	2.76
24	2.84	3.05	2.92	3.39	2.88	3.78	2.99	2.76	2.94	2.91	2.84	2.80
25	2.84	3.04	2.89	3.38	2.88	3.65	2.97	2.75	2.91	2.98	2.82	2.81
26	2.83	3.02	2.88	3.29	2.87	3.50	2.95	2.72	2.89	2.93	2.79	2.82
27	2.83	2.98	2.86	3.19	2.87	3.38	2.93	2.70	2.88	2.92	2.79	2.83
28	2.83	2.96	2.90	3.10	2.87	3.30	2.92	2.70	2.87	2.93	2.80	2.82
29	2.83	2.94	3.01	3.05	---	3.31	2.90	2.74	2.86	2.84	2.79	2.78
30	2.82	2.93	3.10	3.03	---	3.48	2.89	2.76	2.85	2.50	2.79	2.75
31	2.81	---	3.21	3.02	---	3.76	---	2.75	---	2.28	2.79	---
MEAN	---	2.53	2.90	3.11	2.96	3.52	3.23	2.78	2.90	2.93	2.82	2.80
MAX	---	3.08	3.21	3.39	3.07	4.16	3.87	2.88	3.20	3.37	2.97	2.85
MIN	---	1.25	2.68	2.97	2.87	2.86	2.89	2.70	2.71	2.28	2.06	2.69

STATION NUMBER 02317989 REED BINGHAM LAKE NEAR ADEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 310945 LONGITUDE 0833229 DRAINAGE AREA 577.00 DATUM STATE 13 COUNTY 075

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

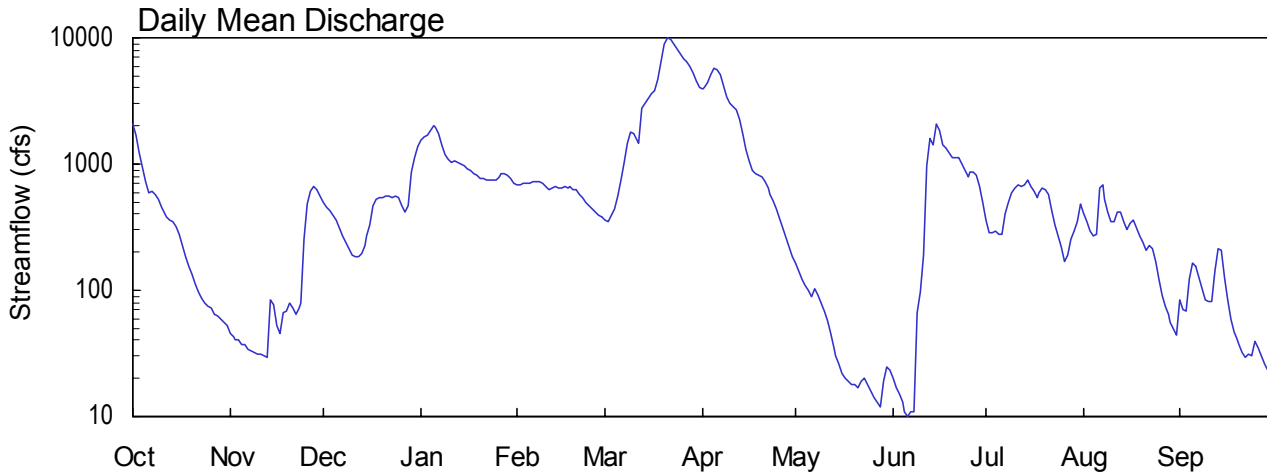
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	.00	.00	.00	.02	.00	.00	.00	.32	.18	.03	.12
2	---	.00	.00	.00	.02	.04	.00	.00	.00	.00	.00	.17
3	---	.01	.00	.00	.00	1.33	.18	.00	.00	1.31	.00	.36
4	---	.02	.00	.00	.12	.45	.55	.00	.62	.00	.00	.05
5	---	.04	.00	.00	.00	.00	.00	.00	.07	.16	1.37	.00
6	---	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00
7	---	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	---	.01	.00	.44	.00	.00	.00	.00	.31	.00	.34	.00
9	---	.02	.03	.00	.00	.14	.00	.00	.64	.01	.01	.00
10	---	.07	.35	.00	.13	.00	.00	.00	.38	.01	.90	.00
11	---	.02	.01	.19	.00	.00	.00	.00	1.00	.00	.00	.14
12	---	.00	.00	.02	.00	1.55	.00	.00	.56	.38	.00	.00
13	---	.03	.00	.00	.00	.04	.00	.00	.60	.34	.09	.01
14	---	.18	.12	.00	.00	.17	.00	.00	1.19	.00	.31	.00
15	---	.00	.29	.00	.00	2.53	.60	.00	.00	.00	.00	.00
16	---	.01	.06	.00	.01	.00	.01	.00	.00	.00	.00	.00
17	---	.23	.00	.00	.04	.17	.14	.00	.00	.00	.00	.00
18	---	.32	.00	.00	.00	.45	.00	.00	.72	.04	.12	.00
19	.00	.92	.05	.92	.00	.16	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.02	.00	.88	.00	.10	.00	.04	.00	.00
21	.05	.00	.00	.00	.00	.01	.00	.00	.01	.02	.00	.00
22	.06	.00	.00	.00	.00	.00	.00	1.40	1.21	.00	.00	.00
23	.06	.00	.00	.00	.00	.00	.00	.00	.02	.05	.00	.11
24	.06	.29	.00	.00	.00	.00	.00	.00	.00	1.90	.00	.75
25	.05	.11	.00	.00	.00	.04	.07	.00	.00	.00	.00	.00
26	.06	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00
27	.01	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.06	.00	2.21	.00	.01	.01	.00	.34	.00	.01	.00	.00
29	.01	.00	.00	.00	---	1.99	.00	.22	.01	.24	.00	.00
30	.02	.00	.00	.42	---	.09	.00	.00	.01	.16	.00	.00
31	.06	---	.00	.05	---	.01	---	.00	---	.95	.00	---
TOTAL	---	2.32	3.16	2.06	0.35	10.06	1.55	2.06	7.67	5.94	3.31	1.71

# SUWANNEE RIVER BASIN

## 2001 Water Year

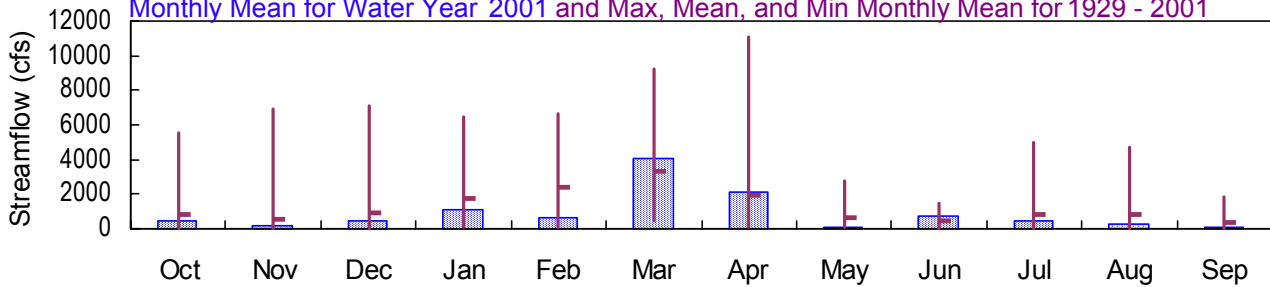
### 02318500 WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA

Latitude: 30° 47' 22" Longitude: 83° 27' 06" Hydrologic Unit Code: 03110203 Brooks County  
 Drainage Area: 1480 mi<sup>2</sup> Datum: 84.3 feet Period of Record: 1929 - 2001

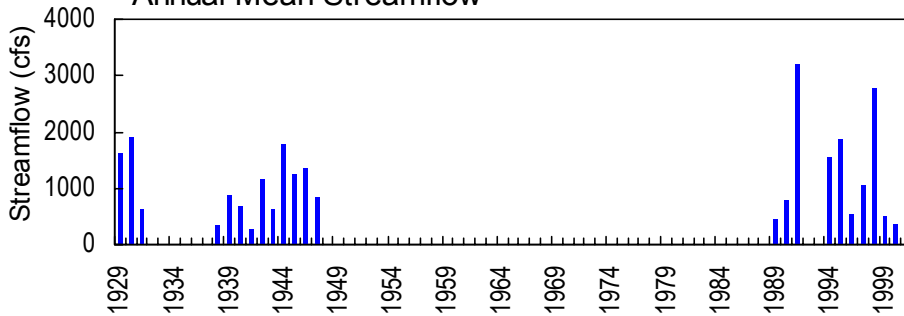


### Monthly Statistics

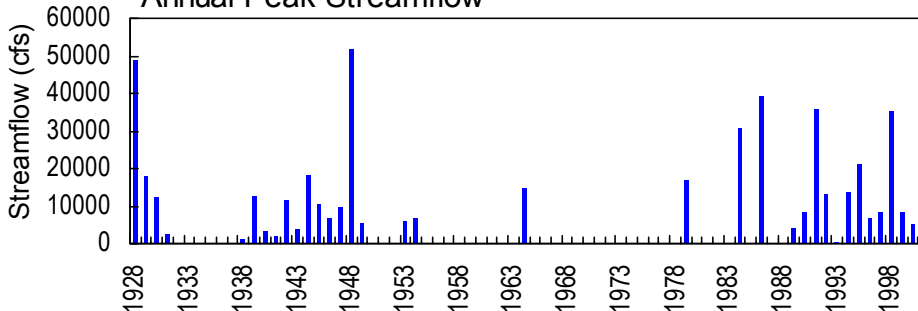
Monthly Mean for Water Year 2001 and Max, Mean, and Min Monthly Mean for 1929 - 2001



### Annual Mean Streamflow



### Annual Peak Streamflow



NO PHOTOS AVAILABLE FOR THIS SITE

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02318500 WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA**

**LOCATION.**--Lat 30°47'35", long 83°27'13", Brooks-Lowndes County line, Hydrologic Unit 03110203, on downstream right bank pier of abandoned bridge on old U.S. Highway 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<sup>2</sup>, approximately.

**COOPERATION.**—USGS Georgia-Florida National Water-Quality Assessment Program (NAWQA).

**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 sea level. 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<sup>3</sup>/s and estimated daily discharges, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**-- Peak discharge greater than base discharge of 2,500 ft<sup>3</sup>/s, and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 21	0900	10,100*	21.73*
Apr. 5	2215	5,780	16.78

**SUWANNEE RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 21.73 feet, March 21; minimum gage-height undetermined.



STATION NUMBER 02318500 WITHLACOOCHEE RIVER AT US 84, NEAR QUITMAN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304722 LONGITUDE 0832706 DRAINAGE AREA 1480.00 DATUM 84.30 STATE 13 COUNTY 027

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	2060	46	499	1550	e694	e365	3910	162	e20	e364	402	83
2	1680	43	454	1620	e693	e351	4020	142	e17	e288	355	71
3	1240	41	425	1710	e713	e390	4450	123	e15	e289	297	69
4	939	40	398	1860	e710	e448	5160	109	e13	e291	267	121
5	727	37	360	2000	e711	e560	5680	99	e11	e280	274	163
6	595	37	308	1980	e721	e749	5630	90	e10	e281	642	156
7	603	34	267	1750	e736	e1040	5050	e103	e11	e406	688	127
8	571	33	240	1430	e729	e1480	4200	e92	e11	e496	531	103
9	533	32	212	1190	e707	e1800	3410	e79	e67	e589	414	85
10	458	31	192	1080	e665	e1720	3030	e68	e96	e641	351	81
11	407	31	184	1040	e629	e1620	2890	e57	e190	e691	355	82
12	377	30	186	1050	e644	e1450	2670	e46	e960	e669	418	142
13	364	29	197	1020	e656	e2750	2260	e35	e1610	e681	415	213
14	351	84	224	990	e638	e3030	1740	e30	e1430	e758	348	210
15	321	76	271	958	e640	3280	1310	e26	e2050	e658	304	128
16	274	52	333	e925	e656	3590	1050	e22	e1840	e613	339	84
17	224	46	475	e883	e644	3860	902	e20	e1430	e540	357	59
18	186	66	526	e839	e656	4640	829	e19	e1340	e591	316	47
19	156	69	545	e804	e626	6510	805	e18	e1210	e640	267	41
20	132	80	546	e779	e629	8980	782	e18	e1130	e627	240	37
21	113	73	553	e764	e576	9960	723	e17	e1120	e575	208	32
22	98	65	551	e747	e540	9630	645	e19	e1130	e431	223	29
23	86	72	547	e744	e501	8940	575	e20	e1000	e332	211	31
24	79	80	555	e737	e467	8110	505	e18	e878	e273	167	30
25	75	255	537	e744	e440	7390	438	e16	e795	e219	122	39
26	72	482	475	e783	e416	6900	374	e14	e853	170	92	35
27	65	618	417	e828	e389	6510	313	e13	e867	191	74	30
28	62	663	469	e845	e377	5980	262	e12	e827	253	64	26
29	59	634	862	e824	---	5260	219	e19	e674	295	56	23
30	56	563	1130	e764	---	4610	187	e25	e490	354	49	21
31	52	---	1390	e709	---	4080	---	e23	---	479	44	---
TOTAL	13015	4442	14328	33947	17203	125983	64019	1554	22095	13965	8890	2398
MEAN	420	148	462	1095	614	4064	2134	50.1	736	450	287	79.9
MAX	2060	663	1390	2000	736	9960	5680	162	2050	758	688	213
MIN	52	29	184	709	377	351	187	12	10	170	44	21
CFSM	.28	.10	.31	.74	.42	2.75	1.44	.03	.50	.30	.19	.05
IN.	.33	.11	.36	.85	.43	3.17	1.61	.04	.56	.35	.22	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

	808	578	882	1734	2407	3328	1981	636	452	788	837	407
MEAN	808	578	882	1734	2407	3328	1981	636	452	788	837	407
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	50.1	23.1	27.0	19.9	14.1
(WY)	1941	1941	1991	1989	1989	1938	1999	2001	1990	1990	1990	1990

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1929 - 2001

ANNUAL TOTAL	164245	321839		
ANNUAL MEAN	449	882	1142	
HIGHEST ANNUAL MEAN			3210	1991
LOWEST ANNUAL MEAN			293	1941
HIGHEST DAILY MEAN	5010	Sep 11	9960	Mar 21
LOWEST DAILY MEAN	13	Aug 30	10	Jun 6
ANNUAL SEVEN-DAY MINIMUM	14	Aug 28	13	Jun 2
MAXIMUM PEAK FLOW			10100	Mar 21
MAXIMUM PEAK STAGE			21.73	Mar 21
INSTANTANEOUS LOW FLOW				5.9
ANNUAL RUNOFF (CFSM)	.30		.60	.77
ANNUAL RUNOFF (INCHES)	4.13		8.09	10.49
10 PERCENT EXCEEDS	1390		1910	3380
50 PERCENT EXCEEDS	182		415	386
90 PERCENT EXCEEDS	33		31	25

STATISTICS COMPUTED BY: rnichols

DATE: 02/28/2002 AT: 15:40:06

e Estimated

STATION NUMBER 02318500 WITHLACOCHEE RIVER AT US 84, NEAR QUITMAN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304722 LONGITUDE 0832706 DRAINAGE AREA 1480.00 DATUM 84.30 STATE 13 COUNTY 027

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	8.91	1.76	3.70	7.30	---	---	13.22	2.90	---	---	3.90	2.29
2	7.70	1.74	3.54	7.53	---	---	13.45	2.79	---	---	3.70	2.21
3	6.26	1.73	3.43	7.81	---	---	14.32	2.69	---	---	3.44	2.20
4	5.18	1.72	3.33	8.31	---	---	15.67	2.61	---	---	3.30	2.53
5	4.48	1.70	3.19	8.74	---	---	16.61	2.55	---	---	3.32	2.77
6	4.03	1.70	2.99	8.67	---	---	16.51	2.49	---	---	4.83	2.74
7	4.06	1.68	2.82	7.93	---	---	15.46	---	---	---	5.00	2.57
8	3.95	1.67	2.71	6.89	---	---	13.80	---	---	---	4.42	2.42
9	3.82	1.66	2.59	6.09	---	---	12.17	---	---	---	3.95	2.31
10	3.55	1.66	2.51	5.70	---	---	11.34	---	---	---	3.68	2.28
11	3.37	1.66	2.47	5.56	---	---	11.02	---	---	---	3.70	2.29
12	3.26	1.65	2.48	5.57	---	---	10.51	---	---	---	3.97	2.65
13	3.20	1.64	2.53	5.47	---	---	9.53	---	---	---	3.95	3.03
14	3.16	1.96	2.65	5.36	---	---	8.20	---	---	---	3.67	3.02
15	3.04	1.94	2.84	5.25	---	11.89	7.00	---	---	---	3.47	2.57
16	2.85	1.80	3.08	---	---	12.54	6.23	---	---	---	3.63	2.30
17	2.65	1.76	3.62	---	---	13.12	5.74	---	---	---	3.71	2.12
18	2.48	1.89	3.80	---	---	14.67	5.51	---	---	---	3.53	2.03
19	2.35	1.90	3.86	---	---	17.98	5.43	---	---	---	3.30	1.99
20	2.23	1.97	3.87	---	---	20.79	5.35	---	---	---	3.17	1.95
21	2.15	1.93	3.89	---	---	21.64	5.15	---	---	---	3.01	1.91
22	2.07	1.88	3.88	---	---	21.36	4.88	---	---	---	3.08	1.88
23	2.01	1.92	3.87	---	---	20.76	4.63	---	---	---	3.03	1.90
24	1.97	1.97	3.90	---	---	20.01	4.38	---	---	---	2.79	1.89
25	1.94	2.76	3.83	---	---	19.29	4.12	---	---	---	2.54	1.97
26	1.92	3.64	3.61	---	---	18.70	3.86	---	---	2.81	2.35	1.94
27	1.88	4.11	3.40	---	---	18.09	3.60	---	---	2.92	2.23	1.88
28	1.86	4.27	3.58	---	---	17.14	3.38	---	---	3.23	2.16	1.85
29	1.85	4.17	4.92	---	---	15.85	3.18	---	---	3.43	2.10	1.82
30	1.82	3.92	5.87	---	---	14.63	3.02	---	---	3.69	2.05	1.80
31	1.80	---	6.76	---	---	13.57	---	---	---	4.21	2.01	---
MEAN	3.28	2.19	3.53	---	---	---	8.58	---	---	---	3.32	2.24
MAX	8.91	4.27	6.76	---	---	---	16.61	---	---	---	5.00	3.03
MIN	1.80	1.64	2.47	---	---	---	3.02	---	---	---	2.01	1.80

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02318500 WITHLACOOCHEE RIVER NEAR QUITMAN, GA  
(National Water-Quality Assessment station)**

**PERIODIC WATER-QUALITY RECORDS**

**LOCATION.**—30°47'35", long 83°27'13", Brooks-Lowndes County line, Hydrologic Unit 03110203, at abandoned bridge on old U.S. Highway 84, 4.0 miles upstream from Piscola Creek, and 9.0 miles downstream from Little River.

**DRAINAGE AREA.**—1,480 mi<sup>2</sup>, approximately.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—April 1934, August 1957 to May 1958, and July 1977 to current year.

**REMARKS.**—Datum of gage is 84.30 feet above sea level.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	GAGE HEIGHT (FEET) (00065)	SAM- PLING METHOD, CODES (82398)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, (PER- CENT SATUR- ATION) (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 NONCAB DISSOLV FLD. AS CACO3 (MG/L) (00904)
OCT													
23...	1045	80020	1028	84.30	2.01	70	765	6.3	66	6.0	136	17.6	13
NOV													
16...	1015	80020	1028	84.30	1.80	40	764	8.3	83	6.4	232	15.5	18
DEC													
21...	1140	80020	1028	84.30	3.90	10	760	10.0	85	5.7	123	8.0	13
JAN													
18...	1058	80020	1028	84.30	4.92	10	762	7.9	72	6.8	98	10.9	14
FEB													
22...	1100	80020	1028	84.30	3.76	10	764	5.7	58	6.9	103	16.4	11
MAR													
27...	1445	80020	1028	84.30	18.61	10	766	7.2	70	6.2	60	14.2	10
APR													
19...	1045	80020	1028	84.30	5.43	70	770	6.8	74	6.6	84	18.1	16
MAY													
18...	0955	80020	1028	84.30	2.04	70	760	8.8	106	7.0	141	24.6	17
JUN													
20...	1035	80020	1028	84.30	7.05	10	760	5.9	73	5.8	94	26.0	22
JUL													
19...	0825	80020	1028	84.30	--	10	760	8.2	103	6.7	105	27.3	11
AUG													
15...	0945	80020	1028	84.30	3.46	10	758	6.1	77	6.7	102	27.2	17
SEP													
18...	1215	80020	1028	84.30	2.03	10	766	8.1	95	6.8	104	23.8	8

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02318500 WITHLACOCHEE RIVER NEAR QUITMAN, GA-continued**

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- LINIT- 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)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
OCT													
23...	35	8.6	3.31	3.43	.7	9.9	35	22	26	16.3	E.2	9.1	9.7
NOV													
16...	55	14.3	4.72	3.79	1	20.5	43	37	45	23.4	.3	10.6	20.8
DEC													
21...	29	6.7	3.03	4.14	.7	8.6	35	16	20	15.2	E.1	6.8	6.9
JAN													
18...	27	5.9	2.89	3.90	.6	7.3	33	12	15	14.5	<.2	5.1	6.8
FEB													
22...	28	6.3	2.88	3.21	.6	7.0	32	17	20	13.9	E.1	2.2	5.3
MAR													
27...	16	3.6	1.83	2.76	.4	3.7	29	6	8	7.5	<.2	4.3	3.3
APR													
19...	31	6.7	3.51	3.75	.2	3.1	16	16	19	10.1	E.1	2.9	1.0
MAY													
18...	41	10	3.85	2.87	.8	11.2	35	24	29	17.5	.3	4.9	10.8
JUN													
20...	25	5.9	2.53	2.93	.5	5.7	30	3	4	9.7	E.1	5.9	7.6
JUL													
19...	26	6.1	2.55	2.56	.8	9.7	42	15	18	12.2	E.2	6.6	8.1
AUG													
15...	28	6.5	2.83	3.12	.6	7.1	33	11	13	11.8	E.1	6.8	6.2
SEP													
18...	29	7.4	2.44	2.30	.7	8.1	36	21	25	10.6	E.1	6.9	6.5

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,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)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)
OCT													
23...	107	78	E.033	.60	.65	1.4	.817	3.62	.823	.020	.006	--	--
NOV													
16...	144	132	<.040	.42	.52	2.5	2.04	9.01	2.04	.023	.007	--	--
DEC													
21...	90	63	<.041	.53	.57	.74	.200	.885	.206	.020	.006	--	--
JAN													
18...	79	56	<.041	.47	.49	.84	--	--	.375	--	<.006	--	--
FEB													
22...	81	52	--	--	--	--	--	--	--	--	--	--	--
MAR													
27...	85	32	<.041	.69	.76	.80	--	--	.112	--	E.004	--	--
APR													
19...	85	44	.181	.91	1.1	1.0	.101	.447	.113	.039	.012	.73	.95
MAY													
18...	108	81	<.040	.44	.45	1.5	1.00	4.44	1.01	.023	.007	--	--
JUN													
20...	97	44	E.038	.77	.77	.97	.195	.863	.201	.020	.006	--	--
JUL													
19...	100	59	<.040	.66	.69	1.0	.342	1.51	.354	.039	.012	--	--
AUG													
15...	85	53	E.035	.60	.71	.96	--	--	.359	--	E.004	--	--
SEP													
18...	85	61	<.040	.50	.55	1.2	.723	3.20	.729	.020	.006	--	--

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02318500 WITHLACOCHEE RIVER NEAR QUITMAN, GA-continued**

DATE	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	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)
OCT													
23...	1.5	.178	.144	.213	13	--	1020	20.8	<.002	<.004	<.002	<.005	.044
NOV													
16...	2.6	.550	.494	.594	7.9	.6	320	9.6	<.002	<.004	<.002	<.005	.013
DEC													
21...	.77	.065	.044	.087	14	.7	590	9.6	<.002	<.004	<.002	<.005	.101
JAN													
18...	.86	.044	.029	.063	11	--	380	11.9	<.002	<.004	<.002	<.005	.072
FEB													
22...	--	--	--	--	13	--	910	20.5	<.002	<.004	<.002	<.005	.066
MAR													
27...	.87	.043	.019	.072	18	--	730	14.9	<.002	<.004	<.002	<.005	.144
APR													
19...	1.2	.050	E.015	.070	17	--	2950	95.5	<.002	<.004	<.002	<.005	.069
MAY													
18...	1.5	.232	<.020	.283	7.8	--	510	14.2	<.002	<.004	<.002	<.005	.022
JUN													
20...	.97	.071	.052	.127	--	--	630	24.2	--	--	--	--	--
JUL													
19...	1.0	.132	.098	.172	17	--	640	18.8	<.002	<.004	.008	<.005	.029
AUG													
15...	1.1	.102	.078	.136	14	--	610	20.3	<.002	<.004	<.002	<.005	.027
SEP													
18...	1.3	.184	.155	.203	15	--	570	26.7	<.002	<.004	<.002	<.005	.007

DATE	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	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)	DISUL- FOTON 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)
OCT													
23...	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.004	<.005	<.005	<.021	<.002	<.009
NOV													
16...	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.004	<.005	<.005	<.021	<.002	<.009
DEC													
21...	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.010	<.005	<.005	<.021	<.002	<.009
JAN													
18...	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.007	<.005	<.005	<.021	<.002	<.009
FEB													
22...	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.005	<.005	<.005	<.021	<.002	<.009
MAR													
27...	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.008	<.005	<.005	<.021	<.002	<.009
APR													
19...	<.010	<.002	<.041	<.020	E.003	<.018	<.003	E.005	<.005	<.005	<.021	<.025	<.009
MAY													
18...	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.003	<.005	<.005	<.021	<.002	<.009
JUN													
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
19...	<.010	<.002	<.041	<.020	<.005	E.013	<.003	E.004	<.005	<.005	<.021	<.002	<.009
AUG													
15...	<.010	<.002	<.041	<.020	<.005	E.013	<.003	E.004	<.005	<.005	<.021	<.002	<.009
SEP													
18...	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	.008	<.005	<.021	<.002	<.009

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02318500 WITHLACOCHEE RIVER NEAR QUITMAN, GA—continued**

DATE	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)	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)
OCT													
23...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.009	<.006	<.002	E.006	<.003	<.007
NOV													
16...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007	<.003	<.007
DEC													
21...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.011	<.006	<.002	<.007	<.003	<.007
JAN													
18...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.006	<.006	<.002	<.007	<.003	<.007
FEB													
22...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.003	<.006	<.002	<.007	<.003	<.007
MAR													
27...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.009	<.006	<.002	<.007	<.003	<.007
APR													
19...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.013	<.006	<.002	<.007	<.003	<.007
MAY													
18...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	E.003	<.006	<.002	<.007	<.003	<.007
JUN													
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
19...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.078	<.006	<.002	<.007	<.003	<.007
AUG													
15...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.018	.013	<.002	<.007	<.003	<.007
SEP													
18...	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007	<.003	<.007

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 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)	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)
OCT													
23...	<.002	<.010	<.006	<.011	E.006	<.004	<.010	<.011	<.023	E.003	E.011	<.034	<.017
NOV													
16...	<.002	<.010	<.006	<.011	E.005	<.004	<.010	<.011	<.023	E.001	.021	<.034	<.017
DEC													
21...	<.002	<.010	<.006	<.011	.018	<.004	<.010	<.011	<.023	E.009	.016	<.034	<.017
JAN													
18...	<.002	<.010	<.006	<.011	E.002	<.004	<.010	<.011	<.023	.092	<.016	<.034	<.017
FEB													
22...	<.002	<.010	<.006	<.011	E.004	<.004	<.010	<.011	<.023	.030	E.007	<.034	<.017
MAR													
27...	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	.022	<.016	<.034	<.017
APR													
19...	<.002	<.010	<.006	<.011	E.004	<.004	<.010	<.011	<.023	.021	E.015	<.034	<.017
MAY													
18...	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011	.022	<.034	<.017
JUN													
20...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
19...	<.002	<.010	<.006	<.011	.020	<.004	<.010	<.011	<.023	<.011	.032	<.034	<.017
AUG													
15...	<.002	<.010	<.006	<.011	E.007	<.004	<.010	<.011	<.023	<.011	E.012	<.034	<.017
SEP													
18...	<.002	<.010	<.006	<.011	.023	<.004	<.010	<.011	<.023	<.011	E.015	<.034	<.017

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02318500 WITHLACOOCHEE RIVER NEAR QUITMAN, GA—continued**

DATE	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)	SAMPLER TYPE (CODE) (84164)
OCT						
23...	<.005	<.002	E.002	--	--	3070
NOV						
16...	<.005	<.002	<.009	--	--	3060
DEC						
21...	<.005	<.002	<.009	88	9	3051
JAN						
18...	<.005	<.002	<.009	100	7	3051
FEB						
22...	<.005	<.002	<.009	100	5	3051
MAR						
27...	<.005	<.002	<.009	88	24	3051
APR						
19...	<.005	<.002	<.009	94	13	3070
MAY						
18...	<.005	<.002	<.009	86	7	3070
JUN						
20...	--	--	--	95	14	3051
JUL						
19...	<.005	<.002	<.009	100	7	3051
AUG						
15...	<.005	<.002	<.009	100	12	3051
SEP						
18...	<.005	<.002	<.009	96	11	3051

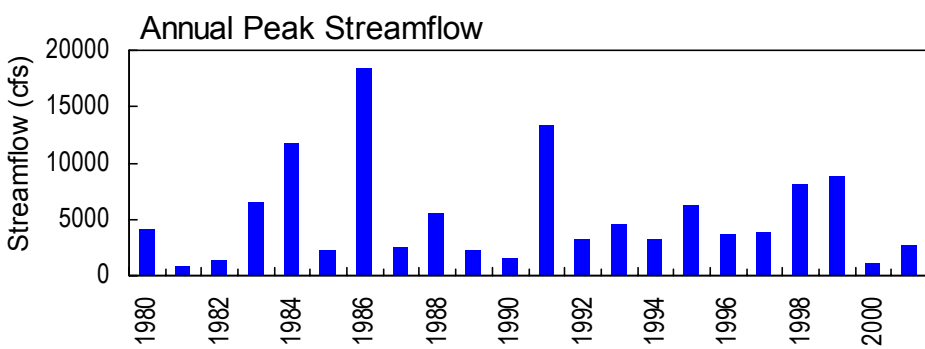
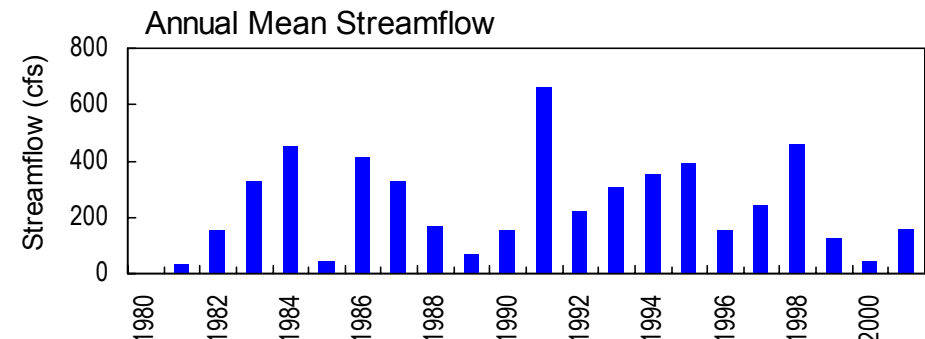
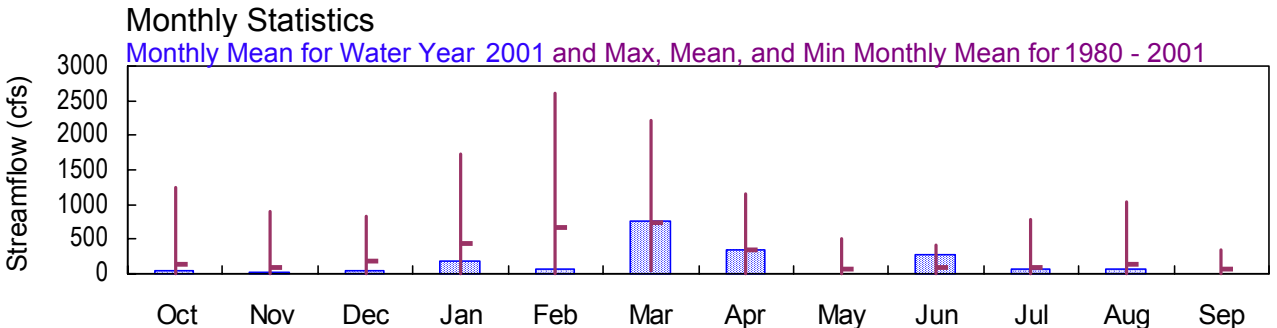
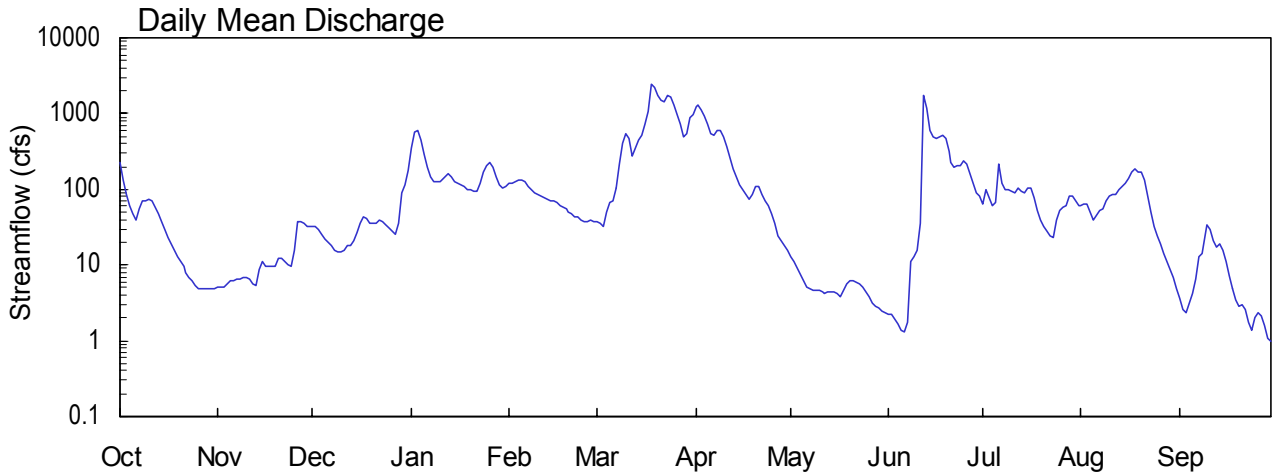
Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# SUWANNEE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 110 feet Period of Record: 1980 - 2001



02318700 Okapilco Creek at SR 33, near Quitman, GA



**SUWANNEE RIVER BASIN  
2001 Water Year**

**02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA**

**LOCATION.**--Lat 30°49'32", long 83°33'45", Brooks County, Hydrologic Unit 03110203, on downstream side of bridge pier on GA Highway 333, 1.0 mile downstream from Coon Creek, and 3.0 mile north of Quitman.

**DRAINAGE AREA.**--269 mi<sup>2</sup>, 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 feet above sea level (from topographic map).

**REMARKS.**--Records fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 1,200 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 18	1715	2,640*	12.61*
Apr. 2	0645	1,340	11.40
June 12	0845	2,620	12.60

**SUWANNEE RIVER BASIN  
2001 Water Year**

**02318700 OKAPILCO CREEK AT GA 333, NEAR QUITMAN, GA—continued.**

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- December 1979 to current year.

**GAGE.**-- Satellite telemetry with a water-stage recorder. Elevation of gage is 110 feet above sea level (from topographic map).

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 12.61 feet, March 18; minimum gage-height recorded, 3.28 feet, September 30.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—October 27, 2000 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304932 LONGITUDE 0833345 DRAINAGE AREA 269.00 DATUM 110.00 STATE 13 COUNTY 027

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	228	5.2	33	352	118	37	1210	13	2.2	65	61	3.6
2	130	5.0	32	567	123	35	1310	11	2.2	101	65	2.6
3	86	5.2	29	601	127	33	1130	9.3	1.9	77	63	2.4
4	e60	5.7	26	446	132	49	911	7.7	1.7	60	51	3.1
5	e48	6.1	22	292	133	67	720	6.3	1.4	68	40	4.3
6	e40	6.3	20	196	125	70	549	5.1	1.3	211	45	6.5
7	54	6.4	18	149	111	104	525	4.8	1.8	120	52	13
8	72	6.5	16	128	99	211	599	4.7	11	101	56	14
9	72	6.7	15	127	90	406	599	4.6	13	98	72	26
10	75	6.7	15	127	85	547	503	4.6	16	96	83	34
11	69	6.4	16	130	81	470	363	4.4	35	90	85	30
12	58	5.7	18	149	78	274	256	4.3	1730	102	87	21
13	48	5.3	18	163	73	351	187	4.5	1200	93	97	17
14	38	8.8	21	148	71	436	145	4.5	586	90	108	19
15	29	11	27	129	69	511	116	4.5	501	102	120	16
16	23	9.6	35	120	66	734	98	4.2	460	102	141	11
17	19	9.4	43	114	62	1050	85	3.9	499	76	172	7.3
18	16	9.4	41	108	58	2400	75	4.7	518	53	187	4.8
19	13	9.7	36	101	54	2190	85	5.7	473	40	173	3.4
20	11	12	35	97	50	1740	107	6.1	325	33	171	2.8
21	9.4	12	35	95	47	1510	107	6.2	223	28	133	3.0
22	7.9	11	39	94	44	1460	86	5.8	193	24	80	2.6
23	6.8	10	37	120	44	1760	e72	5.7	202	23	49	1.8
24	6.3	9.7	34	168	40	1660	e60	5.2	204	40	33	1.4
25	5.5	16	31	209	38	1280	e48	4.5	238	53	24	2.0
26	4.9	37	28	224	38	970	e36	3.8	219	59	19	2.4
27	4.9	38	25	199	39	710	24	3.2	164	61	14	2.1
28	4.9	35	35	148	38	490	21	2.8	122	81	11	1.6
29	4.8	33	91	114	---	536	18	2.7	90	82	8.9	1.1
30	4.8	33	116	105	---	869	16	2.5	83	71	6.7	.97
31	4.9	---	174	110	---	971	---	2.3	---	61	4.9	---
TOTAL	1254.1	381.8	1161	5830	2133	23931	10061	162.6	8117.5	2361	2312.5	260.77
MEAN	40.5	12.7	37.5	188	76.2	772	335	5.25	271	76.2	74.6	8.69
MAX	228	38	174	601	133	2400	1310	13	1730	211	187	34
MIN	4.8	5.0	15	94	38	33	16	2.3	1.3	23	4.9	.97
CFSM	.15	.05	.14	.70	.28	2.87	1.25	.02	1.01	.28	.28	.03
IN.	.17	.05	.16	.81	.29	3.31	1.39	.02	1.12	.33	.32	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2001, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	146	81.2	174	443	663	733	351	69.0	83.8	99.5	132	64.2											
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	.000	.000	.000	.63	1.95	52.5	10.4	.051	.001	.000	.073	.000											
(WY)	1982	1991	1991	1989	1989	1985	1999	1999	1998	2000	1998	1990											

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1980 - 2001

ANNUAL TOTAL	20263.66	57966.27		
ANNUAL MEAN	55.4	159	251	
HIGHEST ANNUAL MEAN			664	1991
LOWEST ANNUAL MEAN			36.4	1981
HIGHEST DAILY MEAN	1120	Sep 10	2400	Mar 18
LOWEST DAILY MEAN	.00	Jan 1	.97	Sep 30
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	1.7	Sep 24
MAXIMUM PEAK FLOW			2640	Mar 18
MAXIMUM PEAK STAGE			12.61	Mar 18
ANNUAL RUNOFF (CFSM)	.21		.59	
ANNUAL RUNOFF (INCHES)	2.80		8.02	
10 PERCENT EXCEEDS	116		480	711
50 PERCENT EXCEEDS	11		48	31
90 PERCENT EXCEEDS	.00		4.5	.00

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/02/2002 AT: 10:09:45

e Estimated

STATION NUMBER 02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304932 LONGITUDE 0833345 DRAINAGE AREA 269.00 DATUM 110.00 STATE 13 COUNTY 027

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	8.21	3.83	5.29	8.92	7.18	5.45	11.21	4.39	3.52	5.62	5.54	3.54
2	7.30	3.81	5.26	9.75	7.24	5.35	11.37	4.25	3.52	6.29	5.62	3.48
3	6.62	3.83	5.16	9.85	7.29	5.28	11.09	4.13	3.48	5.88	5.59	3.51
4	---	3.87	5.02	9.33	7.34	5.76	10.71	4.02	3.43	5.52	5.29	3.62
5	---	3.90	4.87	8.63	7.35	6.23	10.22	3.91	3.39	5.59	4.95	3.74
6	---	3.91	4.74	7.98	7.26	6.30	9.70	3.82	3.37	7.67	5.13	3.92
7	5.92	3.93	4.64	7.53	7.06	6.92	9.62	3.79	3.45	6.59	5.34	4.35
8	6.34	3.93	4.55	7.31	6.85	8.06	9.85	3.78	4.23	6.30	5.43	4.43
9	6.33	3.94	4.50	7.29	6.70	9.17	9.85	3.77	4.33	6.24	5.78	5.03
10	6.41	3.95	4.49	7.29	6.60	9.69	9.54	3.77	4.31	6.21	5.98	5.33
11	6.28	3.92	4.56	7.32	6.52	9.42	8.99	3.75	4.83	6.12	6.03	5.17
12	6.03	3.87	4.64	7.54	6.46	8.51	8.41	3.74	11.67	6.31	6.06	4.78
13	5.75	3.84	4.66	7.68	6.35	8.92	7.90	3.76	11.17	6.16	6.23	4.60
14	5.45	4.09	4.78	7.53	6.32	9.30	7.49	3.77	9.75	6.10	6.41	4.70
15	5.16	4.21	5.06	7.31	6.28	9.55	7.14	3.76	9.44	6.31	6.60	4.56
16	4.90	4.14	5.38	7.20	6.20	10.26	6.84	3.74	9.26	6.32	6.90	4.26
17	4.70	4.13	5.62	7.11	6.12	10.90	6.59	3.71	9.43	5.85	7.28	3.98
18	4.52	4.14	5.55	7.02	6.03	12.43	6.41	3.78	9.51	5.35	7.46	3.79
19	4.37	4.15	5.41	6.89	5.92	12.26	6.61	3.87	9.31	4.95	7.32	3.65
20	4.24	4.32	5.35	6.83	5.81	11.87	6.99	3.90	8.54	4.66	7.32	3.59
21	4.13	4.30	5.36	6.79	5.73	11.61	7.00	3.90	7.80	4.44	6.87	3.61
22	4.03	4.24	5.49	6.78	5.65	11.56	6.61	3.88	7.52	4.27	6.03	3.56
23	3.95	4.19	5.44	7.17	5.65	11.88	---	3.87	7.62	4.22	5.38	3.45
24	3.92	4.15	5.34	7.73	5.54	11.78	---	3.83	7.64	4.91	4.94	3.38
25	3.85	4.49	5.23	8.09	5.46	11.31	---	3.76	7.93	5.37	4.62	3.48
26	3.81	5.43	5.11	8.20	5.48	10.82	---	3.69	7.76	5.50	4.37	3.54
27	3.80	5.46	5.00	8.01	5.49	10.18	4.96	3.63	7.19	---	4.15	3.51
28	3.80	5.37	5.32	7.52	5.48	9.49	4.80	3.59	6.62	5.93	3.99	3.42
29	3.79	5.29	6.71	7.11	---	9.61	4.66	3.58	6.10	5.96	3.85	3.34
30	3.79	5.28	7.14	6.97	---	10.63	4.53	3.56	5.97	5.74	3.73	3.30
31	3.80	---	7.77	7.05	---	10.82	---	3.53	---	5.54	3.61	---

STATION NUMBER 02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304932 LONGITUDE 0833345 DRAINAGE AREA 269.00 DATUM 110.00 STATE 13 COUNTY 027

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	---	.01	.02	.00	.03	.06	.00	.00	.41	.48	.22	.03
2	---	.01	.01	.00	.15	.01	.00	.00	.01	.00	.03	.25
3	---	.01	.01	.01	.00	.21	.11	.00	.02	.88	.02	.56
4	---	.00	.02	.02	.09	1.11	.48	.02	.03	.00	.00	.03
5	---	.01	.03	.00	.00	.00	.01	.01	.02	2.32	.61	.06
6	---	.02	.02	.00	.00	.00	.02	.00	.64	.03	.04	.03
7	---	.00	.02	.00	.01	.00	.00	.02	.01	.01	.00	.00
8	---	.00	.03	.19	.00	.00	.00	.03	.31	.27	.18	.02
9	---	.14	.01	.00	.00	.48	.00	.04	.54	.02	.00	.08
10	---	.02	.17	.00	.12	.00	.00	.00	.90	.01	.00	.01
11	---	.06	.08	.20	.00	.00	.00	.02	6.98	.20	.06	.01
12	---	.00	.07	.13	.06	1.82	.00	.00	4.73	.01	.14	.38
13	---	.00	.00	.01	.00	.22	.00	.00	.04	.01	.02	.09
14	---	2.13	.07	.00	.00	.07	.00	.03	.18	.00	.17	.01
15	---	.00	.40	.00	.00	1.77	.19	.00	.00	.00	.01	.00
16	---	.01	.62	.00	.00	.00	.00	.01	.89	.01	.00	.00
17	---	.25	.00	.00	.02	.29	.00	.50	.02	.00	.00	.02
18	---	.07	.00	.02	.00	.59	.00	.01	.73	.00	.67	.00
19	---	.68	.21	.38	.00	.26	.00	.00	.00	.01	.00	.00
20	---	.00	.00	.02	.00	.91	.00	.00	.01	.00	.01	.00
21	---	.01	.02	.00	.01	.02	.00	.00	.02	.02	.00	.02
22	---	.00	.00	.00	.06	.02	.00	.23	.80	.00	.00	.01
23	---	.00	.00	.00	.00	.02	.00	.08	.51	1.78	.00	.06
24	---	.33	.00	.06	.03	.01	.00	.00	.00	1.02	.00	.35
25	---	1.23	.00	.00	.00	.09	.02	.02	.07	.02	.00	.01
26	---	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00
27	---	.01	.07	.04	.00	.00	.00	.00	.02	.67	.00	.00
28	.01	.02	1.95	.01	.00	.00	.00	.47	.05	.02	.00	.00
29	.00	.01	.03	.02	---	1.87	.00	.14	1.33	.03	.00	.00
30	.00	.06	.00	.73	---	.05	.00	.00	.00	.06	.00	.00
31	.01	---	.00	.52	---	.00	---	.00	---	1.18	.00	---
TOTAL	---	5.09	3.86	2.38	0.59	9.88	0.83	1.63	19.27	9.06	2.18	2.03

**OCHLOCKONEE RIVER BASIN  
2001 Water Year**

**02327350 OCHLOCKONEE RIVER TRIBUTARY NEAR COOLIDGE, GA**

**LOCATION.**--Lat 31°01'33", long 83°57'32", Thomas County, Hydrologic Unit 03120002, at culvert on GA Highway 202, 5.5 miles west of Coolidge.

**DRAINAGE AREA.**—1.81 mi<sup>2</sup>.

**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 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:** 6.14 feet, December 4, 1964

**DISCHARGE:** 789 ft<sup>3</sup>/s, December 4, 1964

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 2.36 feet, March 15

**DISCHARGE:** 186 ft<sup>3</sup>/s, March 15

**OCHLOCKONEE RIVER BASIN**  
**2001 Water Year**

**02327355 OCHLOCKONEE RIVER AT GA 188, NEAR COOLIDGE, GA**

**LOCATION.**--Lat 31°00'08", long 83°56'21", Thomas County, Hydrologic Unit 03120002, at GA Highway 188, 4.0 miles west of Coolidge.

**DRAINAGE AREA.**—260 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, March 7, 1984

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 12.68 feet, March 15

**DISCHARGE:** 2,680 ft<sup>3</sup>/s, March 15

**OCHLOCKONEE RIVER BASIN**  
**2001 Water Year**

**02327415 LITTLE OCHLOCKONEE RIVER AT GA 111, NEAR MOULTRIE, GA**

**LOCATION.**--Lat 31°07'02", long 83°58'42", Colquitt County, Hydrologic Unit 03120002, at GA Highway 111, 10.0 miles west of Moultrie.

**DRAINAGE AREA.**—44.8 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, March 9, 1998

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 7.30 feet, March 15

**DISCHARGE:** 1,120 ft<sup>3</sup>/s, March 15

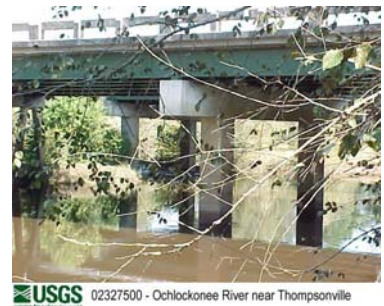
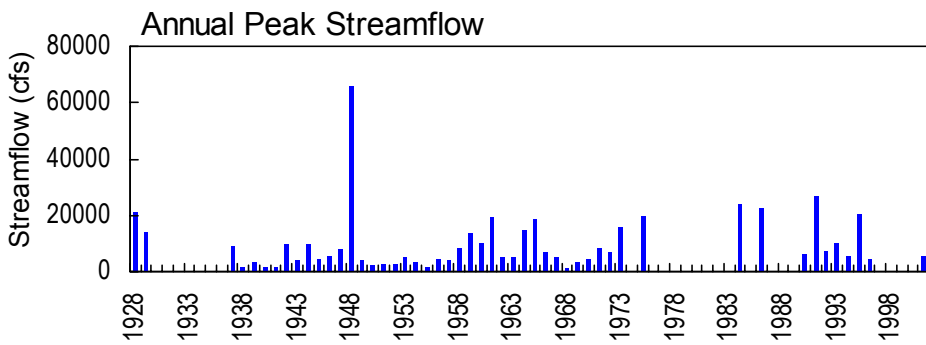
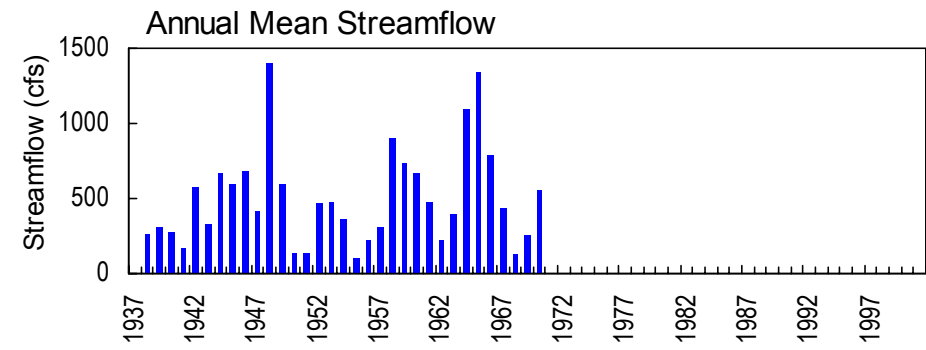
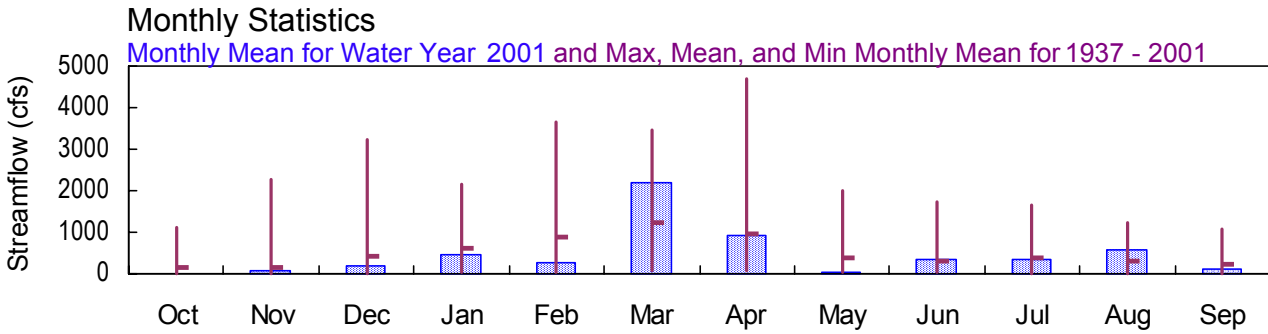
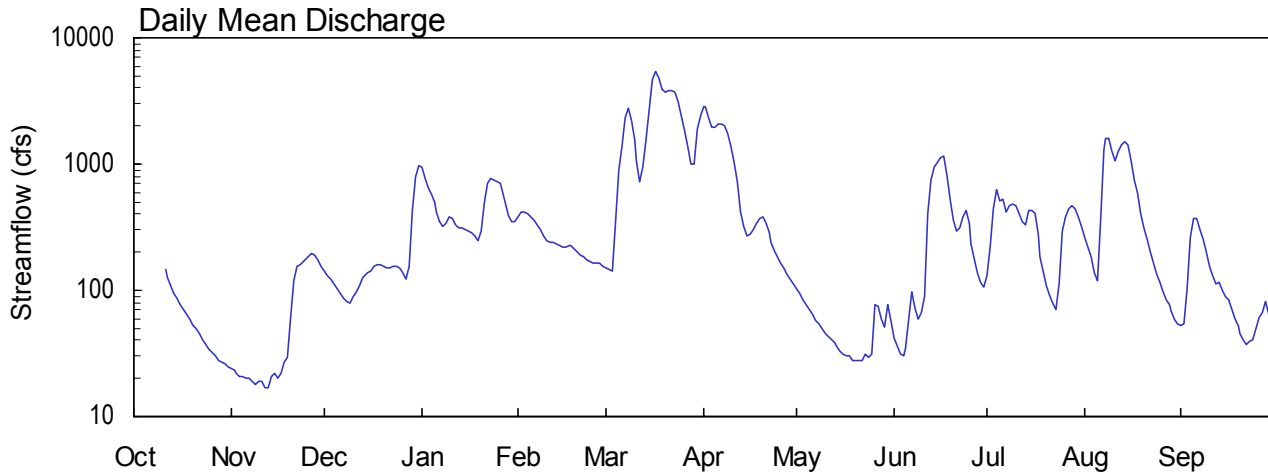


# OCHLOCKONEE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 133.6 feet Period of Record: 1937 - 2001



USGS 02327500 - Ochlockonee River near Thompsville

**OCHLOCKONEE RIVER BASIN  
2001 Water Year**

**02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA**

**LOCATION.**—Lat. 30°52'32", Long. 84°02'44", Thomas County, on downstream side of left bank pier of bridge on U.S. Highway 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<sup>2</sup>, 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 133.6 feet above mean sea level. 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 poor.

**EXTREMES FOR CURRENT YEAR.**—Maximum discharge, 5,520 ft<sup>3</sup>/s, March 17; minimum discharge, 17 ft<sup>3</sup>/s, November 13.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- Discharge: August 1937 to June 1971 (discontinued). October 2000 to current year.

**GAGE.**—Satellite telemetry with a water-stage recorder. Datum of gage is 133.6 feet above mean sea level. 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, 15.19 feet, March 17; minimum gage-height recorded, 1.40 feet, November 13.

STATION NUMBER 02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 305232 LONGITUDE 0840244 DRAINAGE AREA 550.00 DATUM 133.60 STATE 13 COUNTY 275

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	---	24	142	931	383	150	2830	102	42	131	e265	52
2	---	23	131	767	414	145	2870	93	36	221	e220	54
3	---	22	121	643	413	141	2350	85	31	443	e183	103
4	---	21	112	569	400	349	1950	77	30	623	136	263
5	---	21	102	500	385	888	1970	70	34	507	118	372
6	---	20	94	420	361	1360	2060	65	57	534	372	376
7	---	20	87	354	331	2330	2090	58	97	420	1310	303
8	---	19	82	321	299	2750	2000	54	73	462	1580	254
9	---	18	79	344	270	2210	1720	49	59	e485	1590	199
10	---	19	88	380	247	1570	1360	46	67	e467	e1270	157
11	e145	19	98	368	239	1060	1020	43	89	e409	e1060	130
12	128	17	110	333	237	735	722	40	405	e346	e1270	112
13	110	17	125	312	231	938	416	38	748	330	e1420	116
14	95	21	132	310	224	1540	317	36	954	427	e1490	100
15	86	22	136	302	217	2680	e272	33	1020	430	1410	88
16	76	20	141	298	217	4750	e274	31	1110	410	1070	83
17	70	22	156	284	225	5400	e300	30	1150	274	758	70
18	65	27	159	266	224	4790	e345	30	820	186	593	60
19	59	29	158	250	214	3930	e371	28	521	140	406	52
20	53	61	157	298	201	3710	e379	28	358	110	313	46
21	49	119	152	491	190	3830	345	28	290	91	253	41
22	45	155	151	705	182	3870	288	28	312	79	202	37
23	40	161	153	765	174	3710	243	31	379	71	164	39
24	37	163	157	757	169	3150	209	29	427	114	135	40
25	34	175	152	723	166	2410	184	31	341	290	115	49
26	32	183	137	705	164	1840	165	78	236	e384	98	61
27	30	194	123	634	162	1370	149	74	177	e438	85	e66
28	28	191	153	498	156	1010	135	59	139	e470	77	82
29	27	174	427	394	---	1010	124	51	116	e438	68	64
30	26	156	781	346	---	1890	112	78	107	e382	60	e56
31	25	---	984	347	---	2380	---	58	---	e319	55	---
TOTAL	---	2133	5780	14615	7095	67896	27570	1581	10225	10431	18146	3525
MEAN	---	71.1	186	471	253	2190	919	51.0	341	336	585	118
MAX	---	194	984	931	414	5400	2870	102	1150	623	1590	376
MIN	---	17	79	250	156	141	112	28	30	71	55	37
CFSM	---	.13	.34	.86	.46	3.98	1.67	.09	.62	.61	1.06	.21
IN.	---	.14	.39	.99	.48	4.59	1.86	.11	.69	.71	1.23	.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
MEAN	162	164	423	620	877	1237	967	392	311	376	325	212							
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	37.7	23.7	18.6	10.6	4.68							
(WY)	1955	1939	1939	1939	1957	1955	1968	1962	1948	1954	1954	1954							

SUMMARY STATISTICS

WATER YEARS 1937 - 2001

ANNUAL MEAN	501
HIGHEST ANNUAL MEAN	1404 1948
LOWEST ANNUAL MEAN	110 1955
HIGHEST DAILY MEAN	57400 Apr 2 1948
LOWEST DAILY MEAN	2.6 Oct 17 1938
ANNUAL SEVEN-DAY MINIMUM	3.9 Oct 19 1954
MAXIMUM PEAK FLOW	5520 Mar 17 2001
MAXIMUM PEAK STAGE	15.19 Mar 17 2001
ANNUAL RUNOFF (CFSM)	.91
ANNUAL RUNOFF (INCHES)	12.37
10 PERCENT EXCEEDS	1260
50 PERCENT EXCEEDS	160
90 PERCENT EXCEEDS	20

STATISTICS COMPUTED BY: jjgraham

DATE: 02/15/2002 AT: 15:13:34

e Estimated

STATION NUMBER 02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 305232 LONGITUDE 0840244 DRAINAGE AREA 550.00 DATUM 133.60 STATE 13 COUNTY 275

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	---	1.61	3.81	8.90	6.33	3.93	12.70	3.21	2.08	3.66	---	2.29
2	---	1.59	3.66	8.30	6.55	3.86	12.76	3.07	1.93	4.82	---	2.35
3	---	1.56	3.51	7.78	6.55	3.80	12.01	2.92	1.80	6.66	---	3.19
4	---	1.52	3.37	7.42	6.46	5.84	11.31	2.79	1.78	7.69	3.74	5.26
5	---	1.53	3.21	7.06	6.35	8.72	11.35	2.65	1.88	7.09	3.46	6.24
6	---	1.50	3.08	6.59	6.16	10.07	11.52	2.55	2.39	7.23	5.94	6.27
7	---	1.49	2.96	6.09	5.91	11.96	11.58	2.43	3.12	6.58	9.91	5.66
8	---	1.48	2.87	5.82	5.63	12.60	11.41	2.33	2.71	6.83	10.54	5.20
9	---	1.45	2.82	6.01	5.36	11.78	10.85	2.24	2.45	---	10.60	4.58
10	---	1.47	2.97	6.31	5.14	10.54	10.08	2.16	2.60	---	---	4.02
11	---	1.46	3.15	6.21	5.06	9.29	9.16	2.09	2.99	---	---	3.64
12	3.61	1.42	3.33	5.93	5.04	8.17	8.08	2.03	6.23	---	---	3.37
13	3.34	1.42	3.57	5.75	4.98	8.87	6.51	1.99	8.22	5.88	---	3.42
14	3.10	1.54	3.67	5.73	4.89	10.48	5.77	1.93	8.98	6.64	---	3.18
15	2.93	1.56	3.73	5.65	4.81	12.34	---	1.87	9.19	6.65	10.20	2.98
16	2.77	1.49	3.80	5.62	4.80	14.60	---	1.82	9.43	6.51	9.32	2.89
17	2.65	1.55	4.01	5.49	4.90	15.11	---	1.80	9.54	5.39	8.27	2.65
18	2.55	1.69	4.06	5.32	4.89	14.64	---	1.77	8.49	4.41	7.53	2.45
19	2.44	1.75	4.04	5.17	4.76	13.89	---	1.73	7.15	3.78	6.47	2.31
20	2.32	2.48	4.03	5.61	4.61	13.68	---	1.73	6.13	3.34	5.75	2.17
21	2.23	3.47	3.96	6.98	4.47	13.80	6.02	1.74	5.54	3.02	5.19	2.06
22	2.14	4.00	3.95	8.05	4.36	13.84	5.52	1.72	5.74	2.82	4.61	1.96
23	2.04	4.08	3.97	8.30	4.26	13.68	5.10	1.80	6.30	2.68	4.12	2.00
24	1.96	4.11	4.03	8.27	4.19	13.09	4.70	1.75	6.64	2.68	3.72	2.04
25	1.90	4.27	3.96	8.14	4.15	12.12	4.39	1.79	5.98	5.55	3.41	2.24
26	1.84	4.37	3.75	8.06	4.13	11.09	4.14	2.79	5.01	---	3.15	2.47
27	1.79	4.51	3.54	7.74	4.09	10.09	3.91	2.73	4.30	---	2.93	---
28	1.74	4.47	3.93	7.04	4.01	9.15	3.72	2.45	3.78	---	2.77	2.88
29	1.71	4.26	6.55	6.40	---	9.11	3.55	2.28	3.43	---	2.61	2.54
30	1.68	4.01	8.34	6.03	---	11.17	3.37	2.79	3.29	---	2.47	---
31	1.65	---	9.07	6.04	---	12.08	---	2.42	---	---	2.36	---
MEAN	---	2.44	4.02	6.70	5.10	10.75	---	2.24	4.97	---	---	---
MAX	---	4.51	9.07	8.90	6.55	15.11	---	3.21	9.54	---	---	---
MIN	---	1.42	2.82	5.17	4.01	3.80	---	1.72	1.78	---	---	---

**OCHLOCKONEE RIVER BASIN**  
**2001 Water Year**

**02327860 POPPLE BRANCH AT GA 179, NEAR WHIGHAM, GA**

**LOCATION.**--Lat 30°55'36", long 84°15'18", Grady County, Hydrologic Unit 03120002, at culvert on GA Highway 179, 3.2 miles north of Whigham.

**DRAINAGE AREA.**—1.71 mi<sup>2</sup>.

**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 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:** 6.92 feet, February 11, 1986

**DISCHARGE:** 609 ft<sup>3</sup>/s, February 11, 1986

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 2.43 feet, March 13

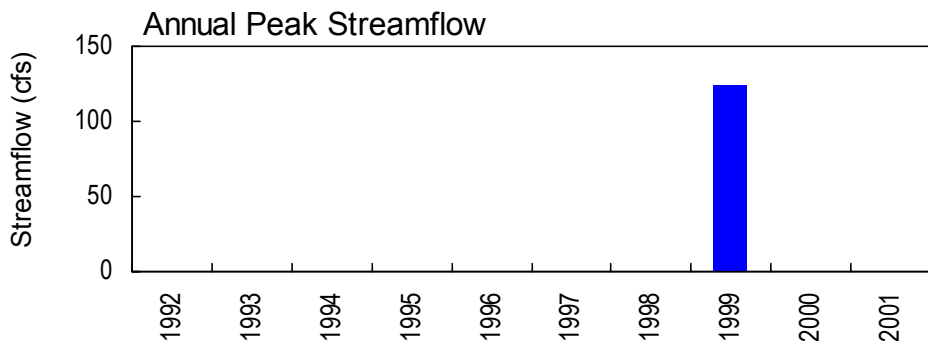
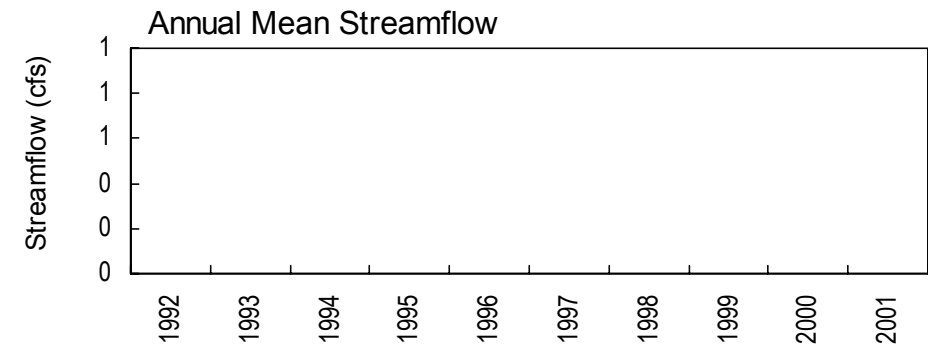
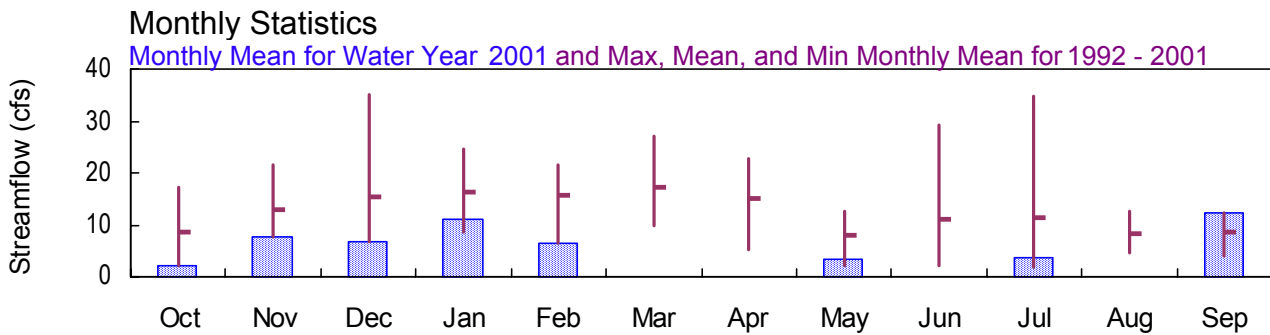
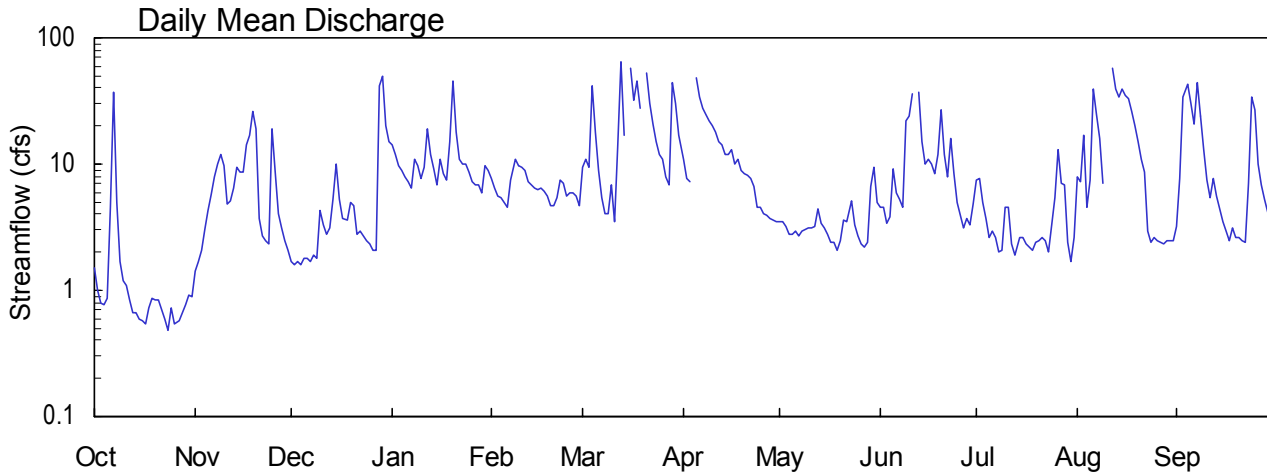
**DISCHARGE:** 114 ft<sup>3</sup>/s, March 13

# OCHLOCKONEE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 165 feet Period of Record: 1992 - 2001



**OCHLOCKONEE RIVER BASIN  
2001 Water Year**

**02329342 LITTLE ATTAPULGUS CREEK AT ATTAPULGUS, GA**

**LOCATION.**--Lat 30°44'08", long 84°29'49", 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<sup>2</sup>.

**COOPERATION.**—City of Attapulgus.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--November 1991 to current year, discharge less than 125 ft<sup>3</sup>/s only.

**REVISED RECORD.**--WDR GA-94-1: 1992, 1993, 2000.

**GAGE.**--Water-stage recorder. Elevation of gage is 165 feet above sea level (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, 8.00 feet, August 10; minimum daily discharge, 0.48 ft<sup>3</sup>/s, October 24; minimum discharge, 0.35 ft<sup>3</sup>/s, October 29.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- November 1991 to current year, discharge less than 125 ft<sup>3</sup>/s only.

**GAGE.**-- Water-stage recorder. Elevation of gage is 165 feet above sea level (from topographic map). Low-water continuous streamflow up to 5.50 feet in gage-height only is published.

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 8.00 feet, August 10; minimum gage-height recorded, 1.80 feet, May 17, 19.

STATION NUMBER 02329342 LITTLE ATTAPULGUS CREEK AT ATTAPULGUS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304408 LONGITUDE 0842949 DRAINAGE AREA 16.9 DATUM 165 STATE 13 COUNTY 087

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	1.5	1.4	1.7	14	7.6	9.5	11	3.5	4.5	e7.4	7.9	3.2
2	1.0	1.7	1.6	12	6.5	11	7.7	3.5	4.6	e7.7	7.2	7.6
3	.80	2.1	1.7	9.8	5.6	9.4	7.3	3.2	3.4	e5.0	17	34
4	.78	3.0	1.6	8.9	5.4	42	---	2.8	3.8	e3.7	4.5	43
5	.86	4.3	1.8	8.0	5.0	18	48	2.8	9.1	e2.6	7.5	30
6	4.5	5.7	1.8	7.2	4.5	9.0	34	2.9	5.9	e2.9	39	21
7	37	8.0	1.7	6.5	7.5	5.5	28	2.7	5.2	e2.6	25	44
8	4.9	10	1.9	11	11	4.1	25	2.9	4.6	e2.0	16	24
9	1.7	12	1.8	9.6	9.8	4.0	22	3.0	22	e2.1	7.0	13
10	1.2	9.7	4.3	7.8	9.4	6.8	20	3.1	24	e4.6	---	7.5
11	1.1	4.8	3.3	9.5	9.0	3.5	18	3.1	36	e4.6	---	5.5
12	.84	5.1	2.8	19	7.2	14	15	3.2	---	2.3	58	7.6
13	.67	6.5	3.1	12	6.8	65	14	4.4	37	1.9	39	5.6
14	.66	9.4	5.2	9.1	6.4	17	12	3.4	15	2.6	34	4.4
15	.60	8.7	10	6.9	6.2	---	12	3.1	10	2.6	39	3.5
16	.58	8.6	5.3	11	6.5	58	13	2.8	11	2.3	35	2.9
17	.54	14	3.7	8.3	6.1	32	10	2.4	10	2.2	33	2.5
18	.73	17	3.6	7.5	5.6	46	11	2.4	8.3	2.1	26	3.1
19	.87	26	5.0	15	4.7	28	8.9	2.1	12	2.4	20	2.6
20	.84	19	4.7	45	4.7	---	8.3	2.5	e27	2.5	15	2.6
21	.84	3.7	2.8	18	5.5	52	8.1	3.6	e12	2.6	11	2.5
22	.70	2.7	2.9	11	7.5	30	7.7	3.5	e8.0	2.5	8.6	2.4
23	.59	2.5	2.7	10	7.1	21	6.6	5.1	e16	2.0	2.9	7.1
24	.48	2.3	2.5	10	5.6	15	4.5	3.3	e8.3	3.3	2.4	34
25	.72	19	2.3	8.7	5.9	12	4.5	2.7	e5.0	5.5	2.6	27
26	.54	8.6	2.1	7.2	6.0	11	4.1	2.3	e3.9	13	2.5	10
27	.58	4.1	2.1	6.9	5.6	7.9	3.9	2.2	e3.1	7.1	2.4	6.8
28	.67	3.1	42	6.8	4.7	6.9	3.7	2.4	e3.7	6.9	2.3	5.3
29	.78	2.5	49	5.9	---	44	3.6	6.6	e3.3	2.4	2.5	4.2
30	.92	2.1	20	9.8	---	30	3.5	9.4	e4.8	1.7	2.5	3.3
31	.89	---	15	8.8	---	17	---	4.9	---	2.6	2.5	---
TOTAL	69.38	227.6	210.0	341.2	183.4	---	---	105.8	---	115.7	---	370.2
MEAN	2.24	7.59	6.77	11.0	6.55	---	---	3.41	---	3.73	---	12.3
MAX	37	26	49	45	11	---	---	9.4	---	13	---	44
MIN	.48	1.4	1.6	5.9	4.5	---	---	2.1	---	1.7	---	2.4
CFSM	.13	.45	.40	.65	.39	---	---	.20	---	.22	---	.73
IN.	.15	.50	.46	.75	.40	---	---	.23	---	.25	---	.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2001, BY WATER YEAR (WY)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
MEAN	8.64	12.9	15.4	16.4	15.6	17.1	15.1	7.85	11.1	11.3	8.43	8.51
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	1994	1994	1998	1998	2001
MIN	2.24	7.59	6.77	8.59	6.55	10.0	5.08	2.08	2.14	1.94	4.62	4.11
(WY)	2001	2001	2001	2000	2001	2000	2000	2000	2000	2000	1993	1999

SUMMARY STATISTICS

WATER YEARS 1992 - 2001

HIGHEST DAILY MEAN	98	Feb 3 1998
LOWEST DAILY MEAN	.22	Jun 11 2000
ANNUAL SEVEN-DAY MINIMUM	.40	Jun 8 2000
MAXIMUM PEAK STAGE	13.95	Oct 2 1994
10 PERCENT EXCEEDS	31	
50 PERCENT EXCEEDS	11	
90 PERCENT EXCEEDS	3.8	

STATISTICS COMPUTED BY: rnichols

DATE: 03/13/2002 AT: 16:55:30

e Estimated



STATION NUMBER 02329342 LITTLE ATTAPULGUS CREEK AT ATTAPULGUS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 304408 LONGITUDE 0842949 DRAINAGE AREA 16.9 DATUM 165 STATE 13 COUNTY 087

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

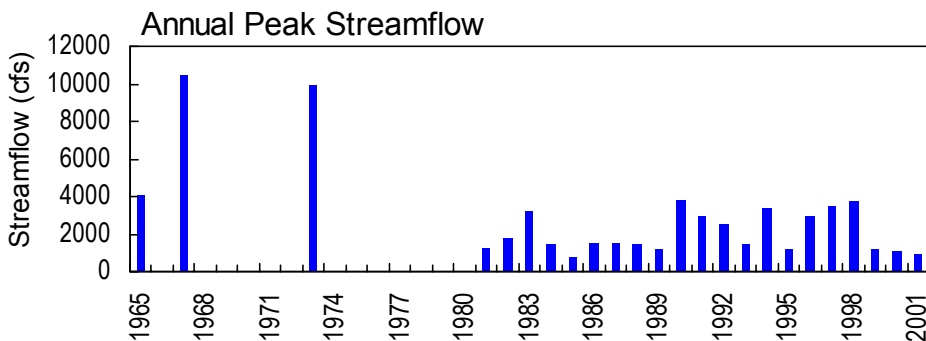
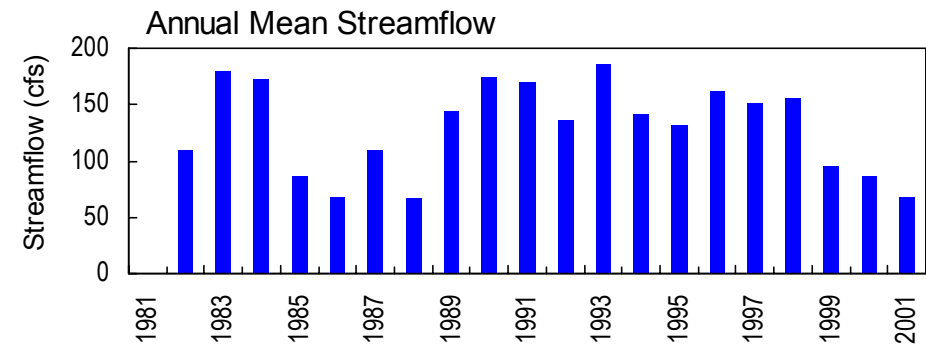
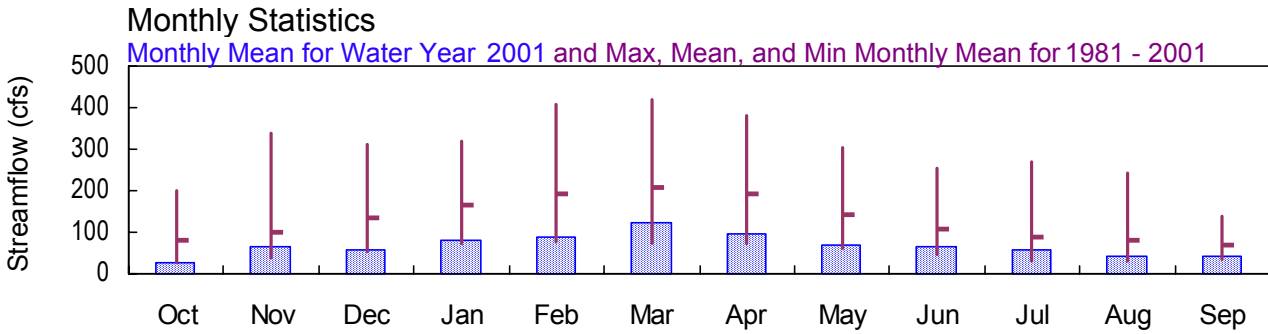
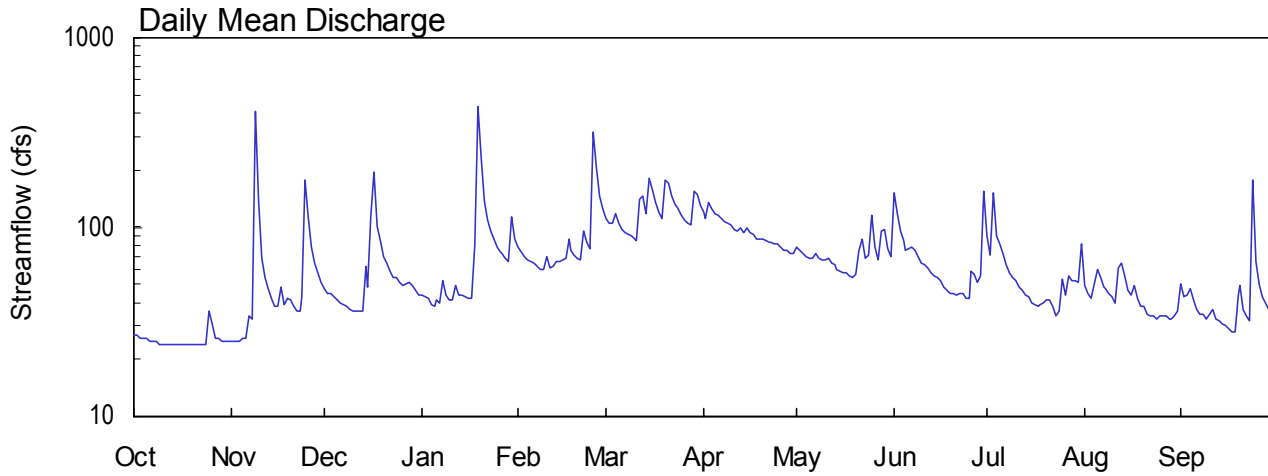
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.07	2.06	2.09	2.38	2.20	2.18	2.47	1.90	1.95	---	2.20	2.06
2	2.03	2.09	2.08	2.31	2.16	2.26	2.37	1.90	1.95	---	2.16	2.25
3	2.00	2.12	2.09	2.26	2.12	2.20	2.35	1.89	1.89	---	2.43	3.00
4	2.00	2.17	2.08	2.24	2.12	3.13	4.61	1.86	1.91	---	2.07	3.23
5	2.01	2.24	2.09	2.21	2.10	2.45	3.24	1.86	2.11	---	2.15	2.86
6	2.15	2.30	2.09	2.18	2.08	2.25	2.80	1.87	2.00	---	3.05	2.60
7	3.16	2.38	2.08	2.16	2.18	2.16	2.61	1.86	1.98	---	2.65	3.25
8	2.26	2.45	2.10	2.29	2.28	2.12	2.50	1.87	1.95	---	2.42	2.67
9	2.09	2.51	2.10	2.26	2.26	2.14	2.43	1.87	2.45	---	2.17	2.39
10	2.04	2.53	2.23	2.20	2.25	2.29	2.38	1.88	2.48	---	3.54	2.24
11	2.04	2.45	2.19	2.25	2.24	2.19	2.33	1.88	2.89	---	5.90	2.17
12	2.00	2.47	2.16	2.49	2.18	2.49	2.27	1.89	4.89	1.96	3.63	2.24
13	1.98	2.53	2.18	2.32	2.17	3.92	2.24	1.94	2.90	1.93	3.06	2.17
14	1.98	2.61	2.27	2.24	2.15	2.61	2.20	1.90	2.29	1.98	2.94	2.12
15	1.97	2.59	2.44	2.17	2.15	5.24	2.19	1.88	2.20	1.98	3.08	2.08
16	1.97	2.59	2.28	2.29	2.16	3.71	2.22	1.86	2.23	1.96	2.95	2.05
17	1.96	2.69	2.21	2.22	2.14	3.00	2.15	1.84	2.23	1.95	2.91	2.02
18	1.99	2.70	2.21	2.19	2.11	3.38	2.18	1.83	2.18	1.95	2.72	2.05
19	2.01	2.89	2.27	2.39	2.07	2.89	2.11	1.82	2.32	1.97	2.54	2.03
20	2.00	2.66	2.25	3.23	2.07	5.11	2.09	1.85	---	1.97	2.44	2.03
21	2.00	2.21	2.16	2.46	2.10	3.55	2.08	1.91	---	1.98	2.34	2.03
22	1.99	2.16	2.16	2.29	2.17	2.96	2.07	1.90	---	1.97	2.27	2.02
23	1.97	2.14	2.16	2.28	2.15	2.71	2.03	1.97	---	1.94	2.05	2.17
24	1.95	2.13	2.14	2.28	2.09	2.56	1.95	1.89	---	1.99	2.02	2.96
25	1.99	2.67	2.13	2.23	2.10	2.51	1.95	1.86	---	2.11	2.03	2.76
26	1.96	2.39	2.12	2.18	2.10	2.47	1.93	1.83	---	2.33	2.02	2.33
27	1.97	2.23	2.12	2.17	2.08	2.38	1.92	1.82	---	2.18	2.02	2.22
28	1.98	2.17	3.27	2.17	2.04	2.34	1.91	1.83	---	2.16	2.01	2.16
29	1.99	2.14	3.37	2.14	---	3.36	1.90	1.99	---	1.97	2.02	2.11
30	2.01	2.12	2.51	2.26	---	2.94	1.90	2.12	---	1.92	2.02	2.07
31	2.01	---	2.41	2.23	---	2.61	---	1.96	---	1.98	2.02	---
MEAN	2.05	2.38	2.26	2.29	2.14	2.84	2.31	1.89	---	---	2.58	2.34
MAX	3.16	2.89	3.37	3.23	2.28	5.24	4.61	2.12	---	---	5.90	3.25
MIN	1.95	2.06	2.08	2.14	2.04	2.12	1.90	1.82	---	---	2.01	2.02

# APALACHICOLA RIVER BASIN

2001 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<sup>2</sup> Datum: 1404 feet Period of Record: 1981 - 2001



02330450 - Chattahoochee River (head of Apalachicola River) at Helen, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02330450 CHATTAHOOCHEE RIVER AT HELEN, GA**

**LOCATION.**--Lat 34°42'03", long 83°43'44", White County, Hydrologic Unit 03130001, on downstream side of bridge on GA Highways 17 and 75 at Helen, and 1.1 miles downstream from Smith Creek.

**DRAINAGE AREA.**--44.7 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s from contracted-opening computation at highway bridge 2 miles downstream at a drainage area of 48.2 mi<sup>2</sup>.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 1,200 ft<sup>3</sup>/s, and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Nov. 9	1430	905*	2.81*

**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 sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 2.81 feet, November 9; minimum gage-height recorded, 0.16 feet, October 8-25, 30-31, November 1.

STATION NUMBER 02330450 CHATTAHOOCHEE RIVER AT HELEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344203 LONGITUDE 0834344 DRAINAGE AREA 44.70 DATUM 1404.04 STATE 13 COUNTY 311

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	27	25	47	44	78	111	121	79	152	90	49	50
2	27	25	45	43	74	105	112	76	118	71	45	43
3	26	25	45	42	70	104	135	72	96	151	42	44
4	26	25	43	39	67	118	126	70	84	90	50	47
5	26	26	41	38	66	104	119	69	75	81	60	41
6	25	26	40	41	64	97	115	68	77	73	54	37
7	25	34	39	40	62	93	112	72	78	63	48	35
8	25	33	38	52	60	92	107	68	75	58	47	35
9	24	413	37	44	60	90	105	67	70	54	45	33
10	24	139	36	41	70	86	102	67	65	52	43	35
11	24	69	36	41	61	85	98	68	63	48	40	37
12	24	54	36	49	62	141	96	65	61	46	61	33
13	24	47	36	44	66	147	99	63	58	44	64	32
14	24	42	62	44	66	117	93	60	55	43	55	31
15	24	38	48	43	67	180	100	59	54	40	46	30
16	24	38	114	42	69	159	94	58	52	39	44	29
17	24	48	197	42	87	134	92	57	48	38	49	28
18	24	39	101	80	75	120	87	55	46	39	42	28
19	24	42	85	431	71	112	87	54	45	40	38	44
20	24	41	70	231	69	177	86	56	45	41	38	49
21	24	38	64	137	67	171	84	75	44	41	35	37
22	24	36	59	110	96	147	83	86	45	38	34	34
23	24	36	54	96	83	133	83	69	45	34	34	32
24	24	43	54	87	77	124	82	71	42	36	33	176
25	36	179	51	79	315	116	81	115	42	53	34	66
26	31	113	49	74	208	110	78	78	59	44	34	50
27	26	78	50	72	145	105	76	67	56	55	34	43
28	26	64	51	68	124	102	75	95	51	52	33	40
29	25	57	49	66	---	154	73	97	55	52	33	37
30	25	51	46	114	---	149	73	77	155	51	34	36
31	25	---	44	86	---	130	---	70	---	81	36	---
TOTAL	785	1924	1767	2460	2479	3813	2874	2203	2011	1738	1334	1292
MEAN	25.3	64.1	57.0	79.4	88.5	123	95.8	71.1	67.0	56.1	43.0	43.1
MAX	36	413	197	431	315	180	135	115	155	151	64	176
MIN	24	25	36	38	60	85	73	54	42	34	33	28
CFSM	.57	1.43	1.28	1.78	1.98	2.75	2.14	1.59	1.50	1.25	.96	.96
IN.	.65	1.60	1.47	2.05	2.06	3.17	2.39	1.83	1.67	1.45	1.11	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	81.7	101	136	164	191	206	191	143	109	88.7	80.1	69.0										
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	30.2	34.5										
(WY)	2001	1988	1988	1985	1986	1988	1986	1986	1986	1986	1986	1986										

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1981 - 2001

ANNUAL TOTAL	28314	24680																				
ANNUAL MEAN	77.4	67.6								130												
HIGHEST ANNUAL MEAN										186												1993
LOWEST ANNUAL MEAN										66.4												1988
HIGHEST DAILY MEAN	707	Apr 3				431	Jan 19			2000												Mar 17 1990
LOWEST DAILY MEAN	24	Oct 9				24	Oct 9			20												Oct 6 1986
ANNUAL SEVEN-DAY MINIMUM	24	Oct 9				24	Oct 9			22												Oct 2 1986
MAXIMUM PEAK FLOW						905	Nov 9			3850												Mar 17 1990
MAXIMUM PEAK STAGE						2.81	Nov 9			5.94												Mar 17 1990
INSTANTANEOUS LOW FLOW						24	Oct 8			19												Oct 6 1986
ANNUAL RUNOFF (CFSM)	1.73					1.51				2.91												
ANNUAL RUNOFF (INCHES)	23.56					20.54				39.48												
10 PERCENT EXCEEDS	133					116				244												
50 PERCENT EXCEEDS	60					55				98												
90 PERCENT EXCEEDS	27					28				40												

STATISTICS COMPUTED BY: cgsomer

DATE: 11/02/2001 AT: 09:25:54

STATION NUMBER 02330450 CHATTAHOOCHEE RIVER AT HELEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344203 LONGITUDE 0834344 DRAINAGE AREA 44.70 DATUM 1404.04 STATE 13 COUNTY 311

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

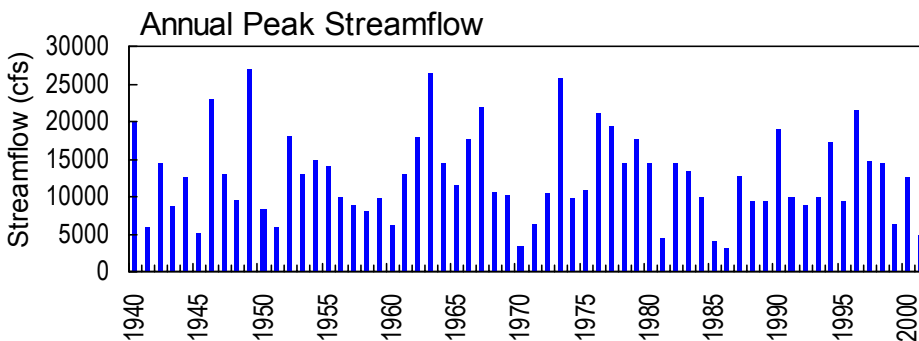
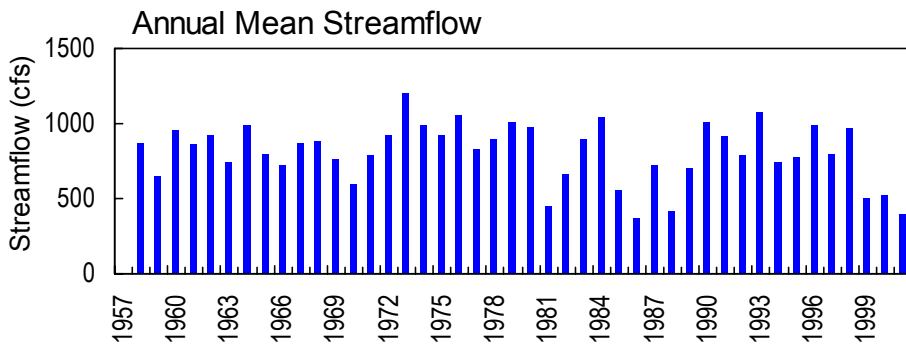
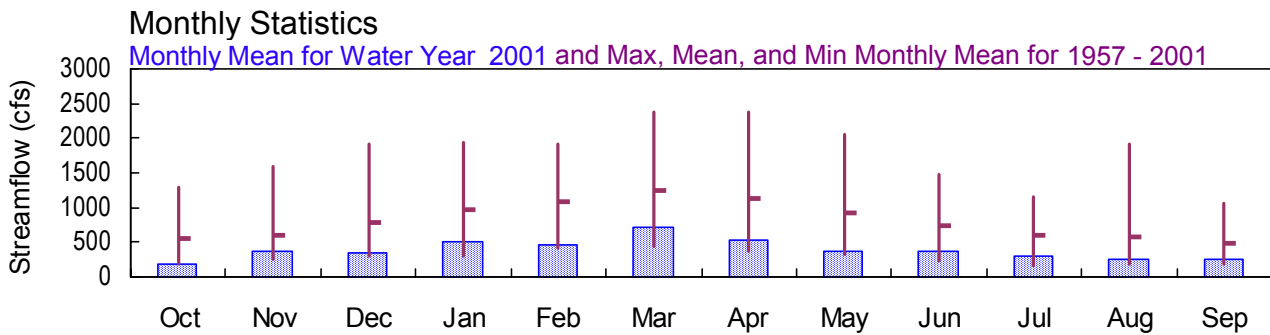
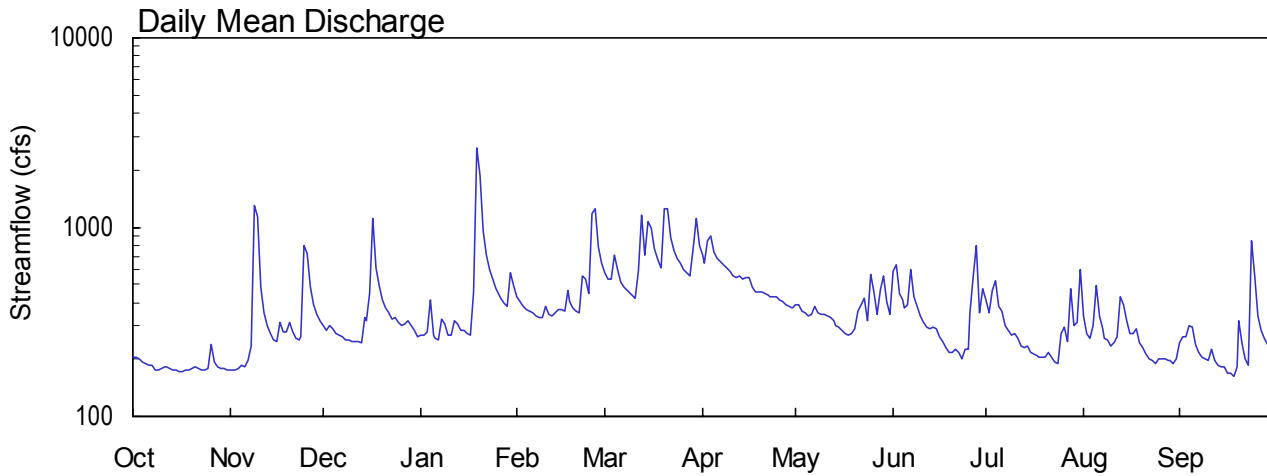
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.19	.17	.39	.36	.61	.80	.84	.62	.98	.68	.40	.40
2	.19	.17	.37	.35	.58	.77	.80	.59	.83	.56	.37	.35
3	.18	.17	.37	.35	.55	.76	.91	.57	.71	.96	.35	.36
4	.18	.17	.35	.32	.54	.83	.87	.56	.64	.68	.40	.39
5	.18	.18	.33	.31	.53	.76	.84	.55	.59	.63	.49	.34
6	.17	.18	.32	.33	.52	.72	.82	.54	.60	.57	.44	.30
7	.17	.26	.31	.33	.50	.70	.80	.57	.61	.51	.39	.27
8	.17	.26	.31	.43	.49	.69	.78	.55	.59	.47	.38	.27
9	.16	1.65	.30	.36	.48	.68	.76	.54	.56	.44	.37	.26
10	.16	.91	.29	.34	.56	.66	.75	.54	.53	.42	.35	.28
11	.16	.55	.29	.33	.50	.65	.73	.54	.51	.40	.33	.29
12	.16	.44	.29	.40	.51	.89	.72	.52	.49	.38	.49	.26
13	.16	.38	.29	.36	.53	.97	.73	.51	.47	.36	.52	.25
14	.16	.34	.50	.36	.53	.82	.70	.49	.45	.35	.45	.24
15	.16	.31	.39	.35	.54	1.10	.74	.48	.44	.33	.38	.23
16	.16	.31	.74	.34	.55	1.02	.70	.47	.42	.32	.36	.21
17	.16	.40	1.15	.35	.66	.91	.69	.46	.40	.31	.40	.21
18	.16	.32	.74	.61	.59	.84	.67	.45	.38	.31	.35	.20
19	.16	.34	.65	1.78	.56	.80	.66	.44	.37	.32	.31	.34
20	.16	.34	.56	1.28	.55	1.08	.66	.46	.37	.34	.30	.40
21	.16	.31	.52	.92	.54	1.07	.65	.59	.36	.34	.28	.30
22	.16	.29	.48	.79	.71	.97	.64	.65	.37	.31	.27	.26
23	.16	.29	.44	.72	.64	.91	.64	.55	.37	.27	.26	.24
24	.16	.35	.44	.66	.60	.86	.63	.56	.35	.28	.26	1.02
25	.27	1.09	.42	.61	1.46	.82	.63	.81	.34	.43	.27	.53
26	.23	.80	.40	.58	1.21	.79	.61	.61	.47	.36	.27	.41
27	.18	.61	.41	.57	.96	.77	.60	.54	.46	.41	.26	.36
28	.18	.52	.42	.54	.86	.75	.59	.70	.42	.43	.26	.32
29	.17	.46	.40	.53	---	.98	.58	.72	.42	.43	.26	.30
30	.17	.42	.37	.81	---	.98	.58	.60	.96	.42	.27	.29
31	.16	---	.36	.66	---	.89	---	.56	---	.61	.29	---
MEAN	.17	.43	.44	.55	.64	.85	.71	.56	.52	.44	.35	.33
MAX	.27	1.65	1.15	1.78	1.46	1.10	.91	.81	.98	.96	.52	1.02
MIN	.16	.17	.29	.31	.48	.65	.58	.44	.34	.27	.26	.20

# APALACHICOLA RIVER BASIN

2001 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<sup>2</sup> Datum: 1129 feet Period of Record: 1957 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA**

**LOCATION.**--Lat 34°32'27", long 83°37'14", Habersham-White County line, Hydrologic Unit 03130001, on downstream side of bridge on Duncan Bridge Road (GA Highway 384), 1.0 mile downstream from Soque River, 6.0 miles northwest of Cornelia, and at mile 401.4.

**DRAINAGE AREA.**--315 mi<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Jan. 19	1845	4,990*	5.43*

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA—continued.**

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--August 1957 to current year.

**GAGE.**--Satellite telemetry with water-stage recorder. Datum of gage is 1,128.53 feet above sea level (levels by US Army Corps of Engineers). Prior to June 28, 1977 and after June 16, 1992 to Oct 25 1994 located at site 1000 feet upstream at same datum.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 5.43 feet, January 19; minimum gage-height recorded, 0.15 feet, September 18-19.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--April 16, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records fair.



STATION NUMBER 02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343227 LONGITUDE 0833714 DRAINAGE AREA 315.00 DATUM 1128.53 STATE 13 COUNTY 137

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	207	176	300	270	429	578	705	386	584	411	337	245
2	206	176	288	269	403	533	642	387	628	353	277	265
3	200	177	300	282	383	527	852	361	443	464	260	265
4	195	179	291	415	371	706	890	351	412	518	300	301
5	191	188	275	269	363	594	737	343	372	381	495	295
6	186	183	267	257	351	513	689	344	391	362	339	239
7	187	198	263	255	342	478	658	382	594	301	291	216
8	176	234	256	328	334	462	628	352	432	287	260	204
9	175	1300	252	311	332	450	605	348	382	272	255	200
10	179	1130	250	272	383	432	581	347	342	275	234	198
11	181	486	249	267	348	423	557	340	315	261	244	224
12	182	351	251	321	341	586	539	333	296	237	263	199
13	178	302	245	308	354	1160	554	318	291	230	426	187
14	177	276	333	287	369	705	528	300	296	233	390	181
15	175	256	320	284	369	1080	541	295	291	219	321	184
16	173	251	445	273	364	983	540	286	262	212	274	170
17	173	317	1120	269	465	766	483	276	247	209	275	168
18	174	279	610	453	403	672	459	272	229	204	294	164
19	175	279	491	2620	375	611	457	274	219	204	245	184
20	178	316	413	1870	360	1250	454	294	219	206	232	323
21	181	278	376	949	354	1240	449	359	224	217	213	245
22	179	260	356	714	551	886	441	393	219	204	200	203
23	174	253	328	596	530	753	432	421	203	192	196	186
24	176	263	334	528	446	685	427	321	225	191	191	848
25	179	806	315	475	1180	645	428	561	226	274	202	550
26	241	725	304	437	1250	601	416	458	351	298	200	342
27	193	480	306	421	788	571	402	347	547	247	200	285
28	183	392	318	396	652	548	390	466	802	469	199	260
29	178	347	300	385	---	771	380	552	357	300	199	241
30	178	321	283	575	---	1120	375	409	477	316	189	231
31	176	---	265	488	---	800	---	348	---	596	201	---
TOTAL	5706	11179	10704	15844	13190	22129	16239	11224	10876	9143	8202	7803
MEAN	184	373	345	511	471	714	541	362	363	295	265	260
MAX	241	1300	1120	2620	1250	1250	890	561	802	596	495	848
MIN	173	176	245	255	332	423	375	272	203	191	189	164
CFSM	.58	1.18	1.10	1.62	1.50	2.27	1.72	1.15	1.15	.94	.84	.83
IN.	.67	1.32	1.26	1.87	1.56	2.61	1.92	1.33	1.28	1.08	.97	.92

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2001, BY WATER YEAR (WY)

	544	607	780	970	1089	1236	1142	924	731	600	587	481
MEAN	544	607	780	970	1089	1236	1142	924	731	600	587	481
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	257	310	293	426	449	368	324	227	166	179	184
(WY)	2001	1982	1966	1981	1986	1988	1986	1986	1986	1986	1986	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1957 - 2001

ANNUAL TOTAL	167540	142239	
ANNUAL MEAN	458	390	807
HIGHEST ANNUAL MEAN			1198
LOWEST ANNUAL MEAN			370
HIGHEST DAILY MEAN	3930	Apr 3	2620
LOWEST DAILY MEAN	156	Sep 17	164
ANNUAL SEVEN-DAY MINIMUM	174	Sep 14	175
MAXIMUM PEAK FLOW			4990
MAXIMUM PEAK STAGE			5.43
ANNUAL RUNOFF (CFSM)	1.45		1.24
ANNUAL RUNOFF (INCHES)	19.79		16.80
10 PERCENT EXCEEDS	756		648
50 PERCENT EXCEEDS	382		320
90 PERCENT EXCEEDS	183		187

STATISTICS COMPUTED BY: gabailey

DATE: 04/09/2002 AT: 08:07:55

STATION NUMBER 02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343227 LONGITUDE 0833714 DRAINAGE AREA 315.00 DATUM 1128.53 STATE 13 COUNTY 137

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	.37	.23	.66	.58	.93	1.18	1.36	.85	1.16	.90	.75	.50
2	.36	.23	.63	.58	.88	1.11	1.28	.85	1.30	.78	.60	.56
3	.34	.23	.66	.62	.84	1.10	1.53	.80	1.02	.98	.55	.57
4	.32	.24	.64	.88	.82	1.36	1.60	.78	.97	1.08	.64	.66
5	.30	.29	.60	.58	.81	1.20	1.41	.76	.89	.84	1.04	.65
6	.28	.27	.58	.54	.78	1.08	1.34	.76	.90	.80	.75	.48
7	.28	.33	.56	.53	.76	1.02	1.30	.84	1.25	.66	.64	.40
8	.23	.46	.54	.72	.74	.99	1.25	.78	1.00	.63	.55	.36
9	.23	1.82	.53	.69	.74	.97	1.22	.77	.91	.59	.53	.34
10	.25	1.85	.52	.59	.84	.94	1.19	.77	.83	.60	.46	.33
11	.26	1.03	.51	.57	.77	.92	1.15	.76	.77	.55	.50	.43
12	.26	.78	.52	.71	.76	1.14	1.12	.74	.73	.48	.54	.34
13	.24	.67	.50	.68	.79	1.89	1.15	.70	.72	.45	.93	.29
14	.24	.60	.73	.63	.82	1.36	1.11	.66	.72	.46	.86	.25
15	.22	.54	.71	.62	.82	1.80	1.12	.65	.72	.41	.71	.27
16	.22	.52	.94	.59	.81	1.70	1.12	.63	.64	.39	.59	.20
17	.21	.70	1.86	.58	1.00	1.45	1.03	.60	.59	.38	.60	.19
18	.22	.61	1.23	.93	.88	1.32	.99	.59	.53	.36	.64	.17
19	.23	.61	1.04	3.28	.83	1.23	.99	.59	.49	.36	.50	.26
20	.24	.70	.90	2.61	.80	1.94	.98	.65	.49	.36	.46	.71
21	.26	.61	.83	1.66	.79	1.98	.97	.79	.51	.41	.39	.50
22	.25	.55	.79	1.38	1.12	1.59	.96	.86	.49	.36	.34	.35
23	.22	.53	.73	1.21	1.11	1.43	.94	.91	.43	.31	.32	.28
24	.23	.56	.74	1.10	.97	1.34	.93	.71	.51	.30	.30	1.37
25	.25	1.44	.70	1.02	1.81	1.28	.93	1.14	.52	.59	.35	1.07
26	.48	1.38	.67	.95	1.99	1.22	.91	.98	.79	.65	.34	.69
27	.31	1.02	.68	.92	1.47	1.17	.88	.77	1.14	.51	.34	.56
28	.27	.86	.71	.87	1.29	1.14	.86	.98	1.43	.99	.33	.47
29	.24	.77	.66	.85	---	1.42	.84	1.14	.79	.66	.34	.41
30	.24	.71	.62	1.17	---	1.85	.83	.89	1.00	.70	.29	.37
31	.23	---	.57	1.04	---	1.49	---	.77	---	1.18	.34	---
MEAN	.27	.70	.73	.96	.96	1.34	1.11	.79	.81	.60	.53	.47

STATION NUMBER 02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343227 LONGITUDE 0833714 DRAINAGE AREA 315.00 DATUM 1128.53 STATE 13 COUNTY 137

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

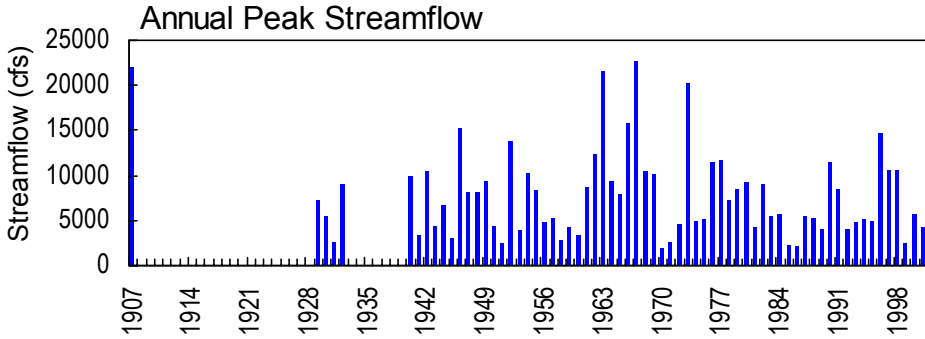
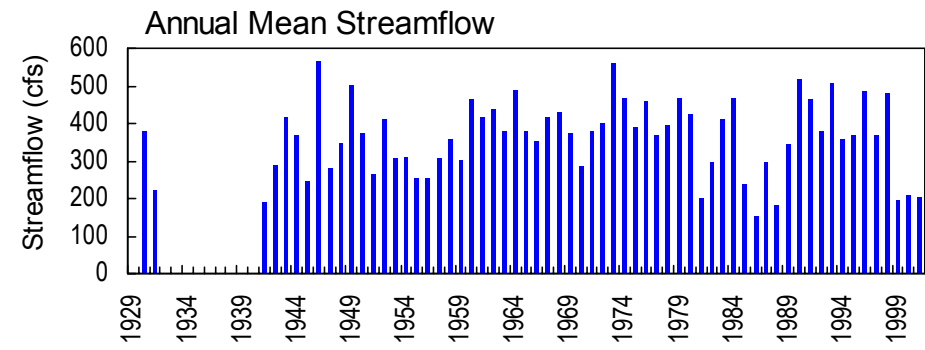
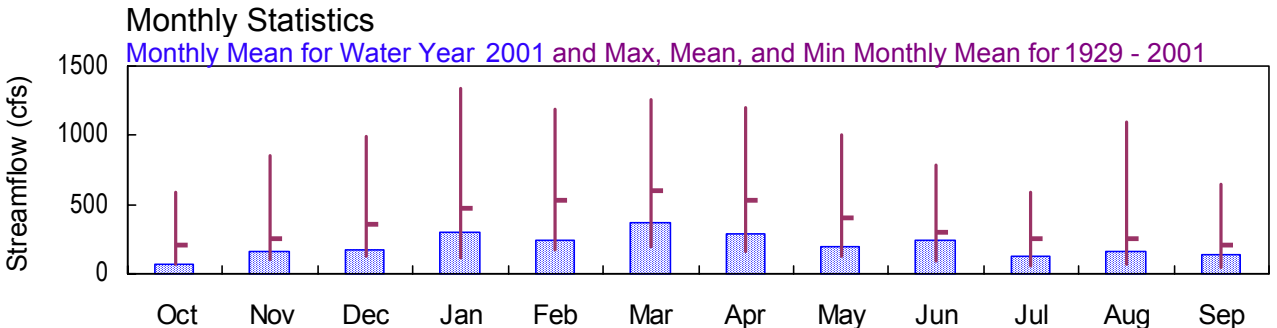
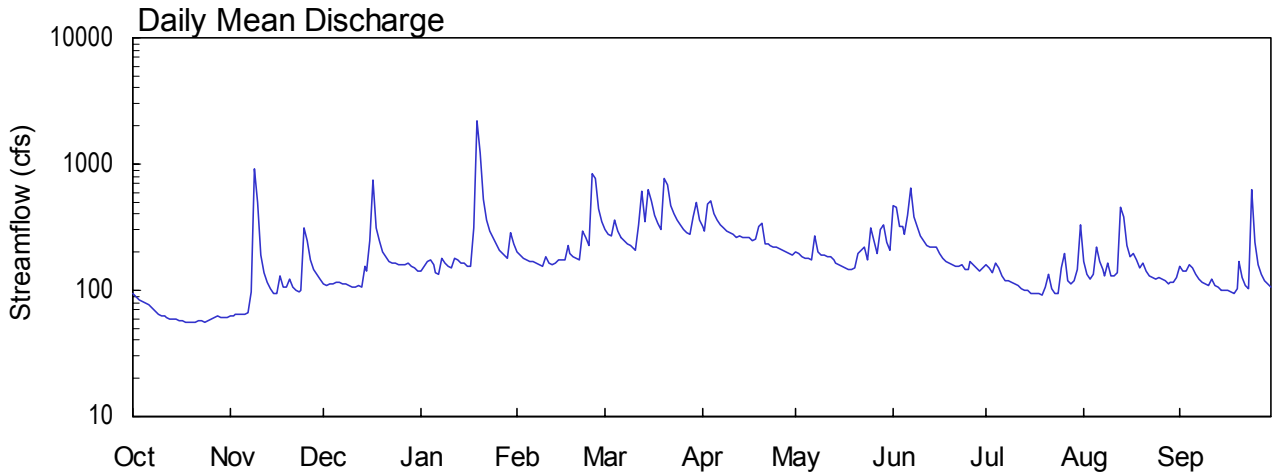
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	.00	.80	.00	.00	.15
2	---	---	---	---	---	---	---	.00	.01	.00	.07	.06
3	---	---	---	---	---	---	---	.00	.64	.74	.01	.20
4	---	---	---	---	---	---	---	.00	.41	.07	.24	.27
5	---	---	---	---	---	---	---	.00	.00	.05	.27	.00
6	---	---	---	---	---	---	---	.93	.49	.00	.17	.00
7	---	---	---	---	---	---	---	.01	.07	.00	.00	.00
8	---	---	---	---	---	---	---	.00	.02	.00	.07	.00
9	---	---	---	---	---	---	---	.04	.00	.01	.00	.00
10	---	---	---	---	---	---	---	.00	.00	.00	.00	.04
11	---	---	---	---	---	---	---	.01	.00	.00	.06	.00
12	---	---	---	---	---	---	---	.00	.00	.00	1.28	.18
13	---	---	---	---	---	---	---	.00	.00	.00	.57	.00
14	---	---	---	---	---	---	---	.00	.20	.00	.00	.01
15	---	---	---	---	---	---	---	.00	.02	.00	.00	.00
16	---	---	---	---	---	---	.01	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	.00	.00	.00	.00	.01	.00
18	---	---	---	---	---	---	.00	.00	.01	.00	.00	.00
19	---	---	---	---	---	---	.00	.37	.00	.00	.01	.76
20	---	---	---	---	---	---	.00	.01	.00	.06	.01	.01
21	---	---	---	---	---	---	.00	.52	.00	.00	.01	.00
22	---	---	---	---	---	---	.00	.15	.28	.00	.00	.00
23	---	---	---	---	---	---	.00	.00	.00	.00	.00	.00
24	---	---	---	---	---	---	.05	.47	.01	.24	.00	.69
25	---	---	---	---	---	---	.03	.58	.34	.44	.01	.00
26	---	---	---	---	---	---	.00	.00	.92	.00	.00	.00
27	---	---	---	---	---	---	.00	.00	.87	.23	.00	.00
28	---	---	---	---	---	---	.00	1.08	.00	.07	.00	.00
29	---	---	---	---	---	---	.00	.37	.16	.14	.00	.00
30	---	---	---	---	---	---	.01	.00	.10	.04	.06	.00
31	---	---	---	---	---	---	---	.34	---	.00	.23	---
TOTAL	---	---	---	---	---	---	---	4.88	5.35	2.09	3.08	2.37

# APALACHICOLA RIVER BASIN

2001 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<sup>2</sup> Datum: 1129 feet Period of Record: 1929 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA**

**LOCATION.**--Lat 34°31'41", long 83°56'23", Lumpkin County, Hydrologic Unit 03130001, on left bank 250 feet upstream from Bearden Bridge on State Highway 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<sup>2</sup>.

**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 1,128.6 feet above sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Jan. 19	1700	4,190*	8.55*

No other peaks greater than base discharge

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA—continued.**

**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 1,128.6 feet above sea level (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 8.55 feet, January 19; minimum gage-height recorded, 0.45 feet, October 18-25.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—April 17, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343141 LONGITUDE 0835623 DRAINAGE AREA 153.00 DATUM 1128.60 STATE 13 COUNTY 187

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	93	62	114	142	203	302	325	203	473	e160	170	153
2	89	63	109	153	190	274	297	195	454	e150	134	143
3	85	64	113	167	181	271	481	186	321	139	124	140
4	82	64	112	175	175	360	519	180	319	163	135	161
5	79	64	117	161	170	294	401	177	281	150	219	149
6	76	65	117	139	167	263	358	176	398	131	171	132
7	73	66	114	135	164	247	335	272	655	119	147	121
8	69	96	111	180	159	236	312	199	379	119	129	116
9	65	929	108	165	157	227	296	188	317	115	166	113
10	63	501	107	153	182	216	284	189	272	112	130	109
11	62	188	106	151	163	209	274	184	244	109	129	122
12	61	136	109	181	159	329	263	185	229	102	138	110
13	60	115	106	173	166	601	269	172	218	100	458	105
14	60	103	155	163	172	350	258	163	222	99	383	101
15	59	94	142	162	175	636	265	159	222	95	226	100
16	58	93	250	156	174	507	260	156	195	94	187	99
17	57	130	738	154	226	394	249	151	180	93	193	97
18	56	107	312	310	197	337	e257	147	170	94	173	95
19	56	107	246	2220	184	301	e322	144	164	92	151	103
20	56	121	202	1240	177	779	336	152	161	105	165	171
21	56	105	182	520	172	683	235	194	157	135	143	125
22	57	99	167	365	296	472	230	210	156	102	131	108
23	57	96	166	296	265	400	225	221	161	94	126	102
24	56	101	165	260	225	356	221	174	148	95	122	627
25	57	310	161	231	843	329	218	312	146	151	128	240
26	59	247	159	210	772	304	212	249	169	196	123	158
27	61	174	160	200	441	284	207	194	161	e119	118	132
28	62	147	166	188	351	274	201	305	150	114	114	119
29	61	132	157	180	---	382	195	327	e140	119	117	111
30	61	122	149	283	---	495	192	243	e150	148	115	107
31	61	---	143	230	---	364	---	206	---	332	126	---
TOTAL	2007	4701	5263	9443	6906	11476	8497	6213	7412	3946	5091	4269
MEAN	64.7	157	170	305	247	370	283	200	247	127	164	142
MAX	93	929	738	2220	843	779	519	327	655	332	458	627
MIN	56	62	106	135	157	209	192	144	140	92	114	95
CFSM	.42	1.02	1.11	1.99	1.61	2.42	1.85	1.31	1.61	.83	1.07	.93
IN.	.49	1.14	1.28	2.30	1.68	2.79	2.07	1.51	1.80	.96	1.24	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

MEAN	210	258	362	471	531	601	527	400	297	258	252	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	105	127	119	177	197	158	132	94.0	63.4	63.5	49.5
(WY)	2001	1942	1956	1981	1941	1988	1986	1941	1988	1986	1986	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1929 - 2001

ANNUAL TOTAL	69021	75224										
ANNUAL MEAN	189	206								362		
HIGHEST ANNUAL MEAN										565		1946
LOWEST ANNUAL MEAN										152		1986
HIGHEST DAILY MEAN	2760	Apr 3				2220	Jan 19			11400	Aug 23	1967
LOWEST DAILY MEAN	47	Sep 20				56	Oct 18			31	Sep 25	1999
ANNUAL SEVEN-DAY MINIMUM	50	Sep 14				56	Oct 18			32	Sep 21	1999
MAXIMUM PEAK FLOW						4190	Jan 19			22700	Aug 23	1967
MAXIMUM PEAK STAGE						8.55	Jan 19			25.17	Aug 23	1967
INSTANTANEOUS LOW FLOW						56	Oct 18			31	Sep 25	1999
ANNUAL RUNOFF (CFSM)	1.23					1.35				2.37		
ANNUAL RUNOFF (INCHES)	16.78					18.29				32.19		
10 PERCENT EXCEEDS	316					350				643		
50 PERCENT EXCEEDS	136					163				272		
90 PERCENT EXCEEDS	61					87				121		

STATISTICS COMPUTED BY: kerestes

DATE: 03/23/2002 AT: 08:28:55

e Estimated

STATION NUMBER 02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343141 LONGITUDE 0835623 DRAINAGE AREA 153.00 DATUM 1128.60 STATE 13 COUNTY 187

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	.74	.50	.87	1.02	1.30	1.65	1.72	1.29	2.08	---	1.15	1.00
2	.71	.51	.84	1.07	1.24	1.55	1.64	1.26	2.08	---	.98	.95
3	.68	.52	.86	1.14	1.20	1.54	2.10	1.23	1.71	1.02	.93	.94
4	.66	.52	.86	1.17	1.18	1.82	2.25	1.20	1.70	1.12	.97	1.04
5	.64	.52	.88	1.11	1.15	1.62	1.94	1.18	1.58	1.06	1.35	.99
6	.61	.52	.89	1.00	1.14	1.51	1.83	1.18	1.79	.96	1.16	.90
7	.59	.53	.87	.99	1.13	1.46	1.75	1.54	2.54	.90	1.04	.84
8	.56	.75	.85	1.19	1.11	1.42	1.68	1.28	1.88	.89	.95	.81
9	.53	2.85	.83	1.13	1.09	1.39	1.63	1.23	1.70	.87	1.13	.79
10	.51	2.14	.83	1.07	1.21	1.35	1.59	1.24	1.55	.86	.96	.77
11	.50	1.23	.82	1.07	1.12	1.32	1.55	1.21	1.45	.84	.95	.84
12	.49	.99	.84	1.20	1.10	1.65	1.51	1.22	1.39	.80	1.00	.77
13	.48	.87	.82	1.17	1.14	2.42	1.54	1.16	1.35	.78	1.94	.74
14	.48	.80	1.08	1.12	1.16	1.80	1.50	1.12	1.37	.78	1.83	.72
15	.47	.74	1.02	1.12	1.17	2.49	1.52	1.10	1.37	.75	1.31	.71
16	.46	.74	1.40	1.09	1.17	2.23	1.51	1.09	1.26	.74	1.16	.70
17	.46	.95	2.72	1.08	1.38	1.92	1.47	1.06	1.20	.74	1.18	.69
18	.45	.82	1.68	1.60	1.27	1.76	---	1.04	1.15	.74	1.10	.68
19	.45	.82	1.45	5.39	1.21	1.65	---	1.03	1.13	.73	1.00	.72
20	.45	.91	1.29	3.73	1.18	2.74	1.73	1.07	1.11	.81	1.06	1.08
21	.45	.81	1.21	2.26	1.16	2.63	1.42	1.25	1.09	.98	.95	.86
22	.46	.77	1.14	1.84	1.60	2.14	1.40	1.31	1.09	.80	.89	.76
23	.45	.76	1.13	1.63	1.52	1.94	1.38	1.36	1.11	.74	.86	.72
24	.45	.78	1.12	1.50	1.38	1.82	1.36	1.17	1.05	.75	.84	2.38
25	.45	1.63	1.11	1.40	2.78	1.73	1.35	1.67	1.04	1.05	.87	1.44
26	.47	1.46	1.10	1.32	2.81	1.66	1.33	1.46	1.14	1.25	.85	1.10
27	.49	1.17	1.11	1.28	2.05	1.59	1.31	1.26	1.11	---	.82	.97
28	.50	1.04	1.14	1.23	1.80	1.55	1.28	1.62	1.06	.86	.80	.90
29	.49	.97	1.09	1.20	---	1.85	1.26	1.73	---	.90	.81	.84
30	.49	.91	1.06	1.58	---	2.18	1.25	1.45	---	1.04	.80	.81
31	.49	---	1.02	1.40	---	1.84	---	1.30	---	1.72	.86	---
MEAN	.52	.95	1.09	1.49	1.38	1.81	---	1.27	---	---	1.05	.92
MAX	.74	2.85	2.72	5.39	2.81	2.74	---	1.73	---	---	1.94	2.38
MIN	.45	.50	.82	.99	1.09	1.32	---	1.03	---	---	.80	.68



STATION NUMBER 02333500 CHESTATEE RIVER NEAR DAHLONEGA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343141 LONGITUDE 0835623 DRAINAGE AREA 153.00 DATUM 1128.60 STATE 13 COUNTY 187

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	---	---	---	---	---	---	---	.02	1.27	.00	.03	.27
2	---	---	---	---	---	---	---	.00	.00	.00	.01	.13
3	---	---	---	---	---	---	---	.00	.43	.53	.02	.40
4	---	---	---	---	---	---	---	.00	.34	.61	.03	.19
5	---	---	---	---	---	---	---	.00	.00	.00	.02	.00
6	---	---	---	---	---	---	---	.74	.20	.00	.03	.00
7	---	---	---	---	---	---	---	.01	.05	.00	.02	.00
8	---	---	---	---	---	---	---	.00	.05	.00	.01	.00
9	---	---	---	---	---	---	---	.14	.00	.00	.02	.00
10	---	---	---	---	---	---	---	.01	.00	.00	.02	.02
11	---	---	---	---	---	---	---	.01	.00	.00	.01	.00
12	---	---	---	---	---	---	---	.00	.00	.00	.02	.09
13	---	---	---	---	---	---	---	.00	.00	.05	.02	.00
14	---	---	---	---	---	---	---	.00	1.07	.00	.01	.01
15	---	---	---	---	---	---	---	.00	.07	.00	.02	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.01	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	.10	.00	.02	.00	.82
20	---	---	---	---	---	---	---	.12	.00	.12	.00	.00
21	---	---	---	---	---	---	.00	.70	.00	.00	.00	.00
22	---	---	---	---	---	---	.00	.52	.22	.00	.00	.00
23	---	---	---	---	---	---	.00	.00	.00	.00	.00	.30
24	---	---	---	---	---	---	.01	.55	.00	.18	.00	1.93
25	---	---	---	---	---	---	.01	.58	.00	.95	.15	.00
26	---	---	---	---	---	---	.00	.00	.03	.14	.00	.00
27	---	---	---	---	---	---	.00	.00	.03	.04	.00	.00
28	---	---	---	---	---	---	.00	1.00	.00	.02	.00	.00
29	---	---	---	---	---	---	.00	.20	.59	.03	.00	.00
30	---	---	---	---	---	---	.03	.00	.09	.03	.01	.00
31	---	---	---	---	---	---	---	.48	---	.03	.47	---
TOTAL	---	---	---	---	---	---	---	5.18	4.44	2.75	0.93	4.16

## APALACHICOLA RIVER BASIN

### 02334400 LAKE SIDNEY LANIER NEAR BUFORD, GA

**LOCATION.**--Lat 34°04'30", long 84°04'20", Forsyth County, Hydrologic Unit 03130001, at forebay of dam on Chattahoochee River, 2.5 miles upstream from bridge on GA Highway 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:

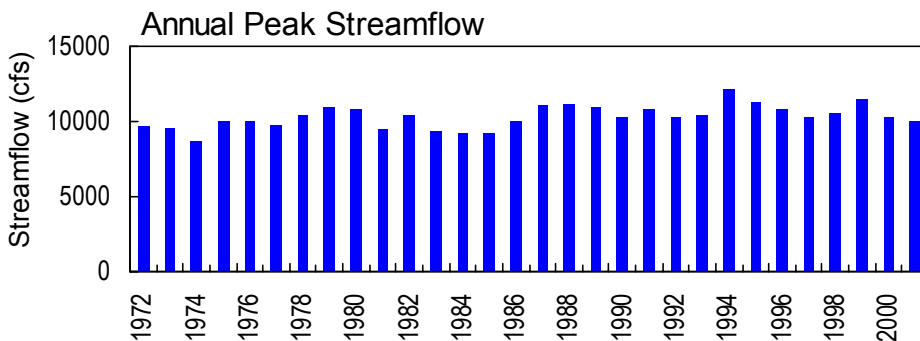
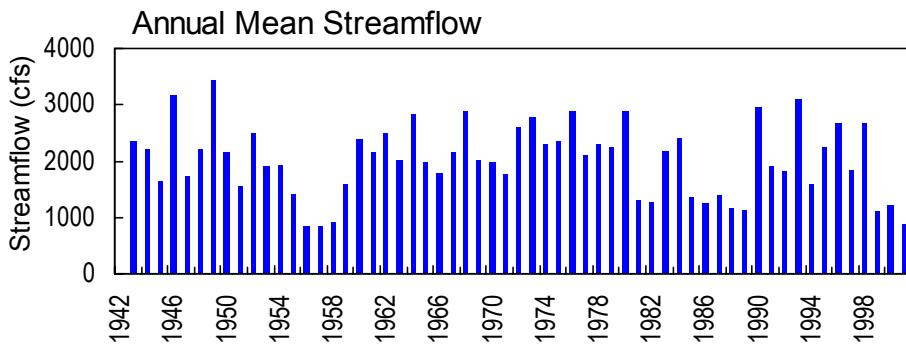
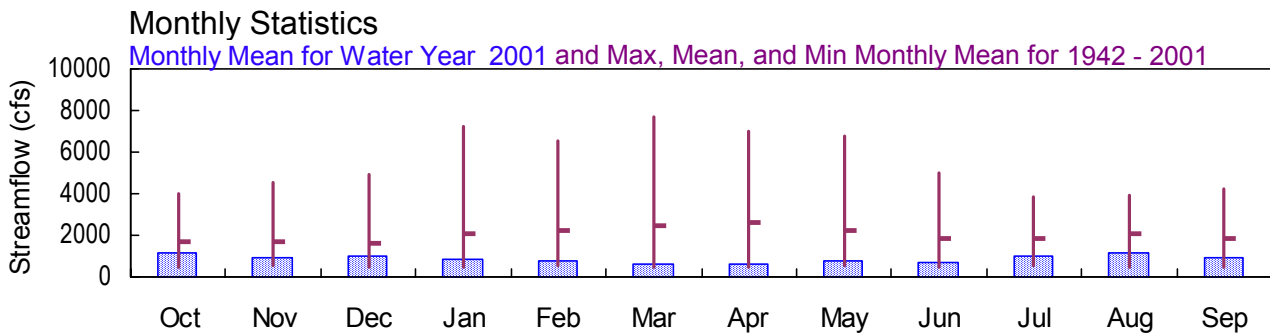
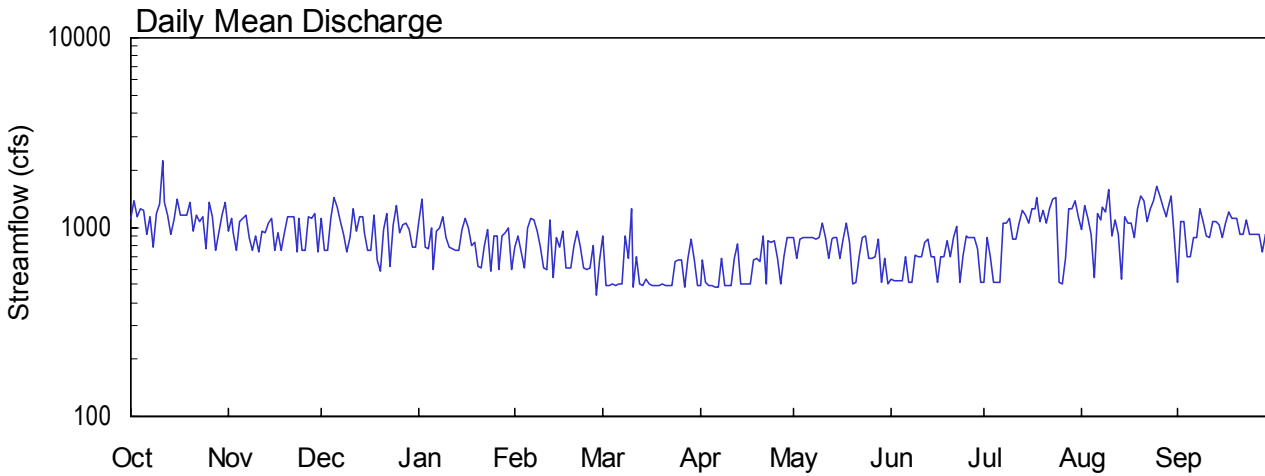
<http://water.sam.usace.army.mil/enhw.htm>

# APALACHICOLA RIVER BASIN

## 2001 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: 1040 mi<sup>2</sup> Datum: 912.0 feet Period of Record: 1942 - 2001



USGS  
 02334430 - Chattahoochee River at Buford Dam near Buford, GA

**APALACHICOLA RIVER BASIN**  
**2001 Water Year**

**02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM, NEAR BUFORD, GA**

**LOCATION.**--Lat 34°09'25", long 84°04'44", 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 Highway 20, 4 miles northwest of Buford, and at mile 348.1.

**DRAINAGE AREA.**--1,040 mi<sup>2</sup>, 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 sea level (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.

**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<sup>3</sup>/s, from rating curve extended above 13,000 ft<sup>3</sup>/s, on basis of peak flows passing upstream and downstream of station.

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (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, 5.18 feet, January 2; minimum gage-height recorded, -1.01 feet, February 12-14.

STATION NUMBER 02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM, NEAR BUFORD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340925 LONGITUDE 0840444 DRAINAGE AREA 1040 DATUM 912.04 STATE 13 COUNTY 135

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	1110	953	1120	1080	786	894	493	881	527	512	971	507
2	1380	1110	749	1400	907	489	671	691	519	874	1290	1070
3	1130	930	750	782	736	492	507	866	517	698	1110	1070
4	1260	752	1120	771	605	505	492	883	517	509	916	699
5	1230	1080	1440	982	1000	491	491	888	520	515	543	693
6	919	1110	1280	602	1110	503	485	876	703	515	1180	883
7	1140	1150	1070	949	1100	503	482	880	510	1060	1100	882
8	780	879	916	985	950	898	681	860	514	1050	1270	1260
9	1170	760	745	1140	778	686	494	876	705	1110	1210	1070
10	1330	892	882	873	608	1250	495	1060	700	860	1570	893
11	2240	746	1240	786	603	486	496	877	694	865	899	889
12	1350	947	955	769	1100	694	689	691	828	1050	1090	1070
13	1150	936	1140	759	546	499	819	869	871	1230	922	1080
14	917	1060	1140	761	889	494	497	885	701	1160	529	1030
15	1100	1120	927	962	779	531	500	879	696	1040	1130	889
16	1410	749	755	1120	952	497	505	689	515	1250	1050	1050
17	1160	935	760	999	611	495	503	868	704	1240	1060	1200
18	1160	754	1160	802	609	491	676	1050	697	1420	883	1110
19	1160	932	671	839	610	491	686	826	851	1080	1250	1110
20	1350	1140	586	622	801	498	658	503	701	1220	1450	1110
21	959	1130	967	610	953	490	891	507	882	1060	1380	916
22	1160	1130	1170	794	791	496	497	700	1010	1240	1070	923
23	1080	747	618	968	610	490	848	882	513	1400	1260	1090
24	1140	1120	1030	590	603	664	838	903	707	1420	1380	922
25	766	749	1290	901	611	671	851	683	892	510	1640	924
26	1350	751	927	905	795	674	680	688	889	498	1460	919
27	1140	1140	1020	598	440	482	504	694	877	680	1270	922
28	758	1110	1060	903	668	687	692	871	876	1240	1130	733
29	926	1190	968	935	---	870	874	510	767	1240	1250	917
30	1150	745	792	983	---	666	873	689	507	1380	1450	e740
31	1340	---	787	601	---	490	---	506	---	1140	882	---
TOTAL	36215	28747	30035	26771	21551	18567	18868	24531	20910	31066	35595	28571
MEAN	1168	958	969	864	770	599	629	791	697	1002	1148	952
MAX	2240	1190	1440	1400	1110	1250	891	1060	1010	1420	1640	1260
MIN	758	745	586	590	440	482	482	503	507	498	529	507
CFSM	1.12	.92	.93	.83	.74	.58	.60	.76	.67	.96	1.10	.92
IN.	1.30	1.03	1.07	.96	.77	.66	.67	.88	.75	1.11	1.27	1.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2001, BY WATER YEAR (WY)

MEAN	1672	1660	1612	2074	2235	2470	2599	2204	1862	1858	2043	1864
MAX	3983	4572	4900	7251	6504	7704	6996	6799	4968	3826	3921	4266
(WY)	1992	1949	1993	1946	1996	1952	1964	1964	1973	1949	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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1942 - 2001

ANNUAL TOTAL		439574		321427								
ANNUAL MEAN		1201		881						2015		
HIGHEST ANNUAL MEAN										3432		1949
LOWEST ANNUAL MEAN										855		1956
HIGHEST DAILY MEAN			2880	Aug 30		2240	Oct 11		45000	Jan 8	1946	
LOWEST DAILY MEAN			550	Jan 23		440	Feb 27		262	May 18	1958	
ANNUAL SEVEN-DAY MINIMUM			702	Jan 21		493	Mar 17		309	Jun 11	1957	
MAXIMUM PEAK FLOW						9980	Jan 2		55000	Jan 8	1946	
MAXIMUM PEAK STAGE						5.18	Jan 2		32.60	Jan 8	1946	
ANNUAL RUNOFF (CFSM)		1.15				.85			1.94			
ANNUAL RUNOFF (INCHES)		15.72				11.50			26.32			
10 PERCENT EXCEEDS			2150			1240			4180			
50 PERCENT EXCEEDS			1020			881			1400			
90 PERCENT EXCEEDS			742			506			562			

STATISTICS COMPUTED BY: agotvald

DATE: 01/29/2002 AT: 07:53:01

e Estimated

STATION NUMBER 02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM, NEAR BUFORD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340925 LONGITUDE 0840444 DRAINAGE AREA 1040 DATUM 912.04 STATE 13 COUNTY 135

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	-.10	-.23	-.12	-.26	-.46	-.46	-.77	-.46	-.73	-.74	-.31	-.70
2	.04	-.12	-.40	-.06	-.39	-.78	-.63	-.61	-.74	-.45	-.13	-.27
3	-.10	-.25	-.40	-.46	-.50	-.78	-.75	-.47	-.74	-.59	-.27	-.27
4	.00	-.38	-.16	-.47	-.61	-.76	-.78	-.46	-.74	-.74	-.38	-.55
5	-.02	-.14	.04	-.35	-.34	-.78	-.78	-.45	-.74	-.73	-.67	-.56
6	-.25	-.12	-.04	-.60	-.22	-.76	-.79	-.47	-.59	-.73	-.19	-.41
7	-.09	-.10	-.16	-.34	-.22	-.76	-.79	-.46	-.75	-.31	-.25	-.41
8	-.35	-.29	-.27	-.35	-.34	-.46	-.62	-.48	-.74	-.32	-.17	-.13
9	-.06	-.37	-.40	-.23	-.47	-.62	-.77	-.46	-.59	-.33	-.16	-.27
10	.01	-.27	-.29	-.41	-.61	-.19	-.77	-.32	-.60	-.51	.11	-.41
11	.70	-.39	-.07	-.46	-.61	-.78	-.77	-.46	-.60	-.47	-.40	-.41
12	.06	-.24	-.25	-.47	-.31	-.60	-.61	-.61	-.49	-.33	-.24	-.28
13	-.09	-.25	-.16	-.48	-.70	-.77	-.51	-.47	-.46	-.19	-.35	-.27
14	-.25	-.18	-.15	-.48	-.41	-.77	-.77	-.46	-.59	-.31	-.68	-.34
15	-.12	-.15	-.27	-.33	-.47	-.72	-.76	-.46	-.60	-.34	-.22	-.41
16	.11	-.40	-.40	-.20	-.34	-.77	-.76	-.61	-.74	-.17	-.28	-.29
17	-.08	-.25	-.39	-.30	-.60	-.77	-.76	-.47	-.59	-.18	-.32	-.17
18	-.09	-.39	-.11	-.45	-.61	-.78	-.62	-.33	-.60	-.04	-.42	-.13
19	-.09	-.26	-.51	-.40	-.60	-.78	-.61	-.53	-.48	-.30	-.14	-.14
20	.06	-.11	-.62	-.58	-.46	-.77	-.63	-.76	-.59	-.19	-.03	-.14
21	-.23	-.15	-.36	-.59	-.34	-.78	-.45	-.75	-.45	-.32	-.07	-.28
22	-.09	-.15	-.16	-.46	-.46	-.77	-.77	-.60	-.35	-.17	-.28	-.27
23	-.13	-.40	-.57	-.36	-.60	-.78	-.49	-.46	-.75	-.05	-.14	-.17
24	-.10	-.13	-.27	-.62	-.61	-.64	-.49	-.44	-.58	-.08	-.04	-.27
25	-.37	-.40	-.07	-.40	-.60	-.63	-.48	-.61	-.44	-.73	.15	-.26
26	.06	-.39	-.35	-.40	-.54	-.63	-.62	-.61	-.45	-.75	.02	-.27
27	-.10	-.11	-.29	-.61	-.84	-.79	-.76	-.61	-.45	-.60	-.13	-.27
28	-.38	-.13	-.27	-.37	-.64	-.62	-.60	-.47	-.45	-.21	-.21	-.41
29	-.25	-.07	-.32	-.38	----	-.48	-.47	-.75	-.55	-.18	-.14	-.27
30	-.09	-.40	-.45	-.35	----	-.63	-.46	-.61	-.74	-.15	.02	----
31	.04	----	-.45	-.61	----	-.78	----	-.76	----	-.15	-.41	----

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02334480 RICHLAND CREEK AT SUWANEE DAM ROAD, NEAR BUFORD, GA**

**LOCATION.**--Lat 34°07'57", long 84°04'12", Gwinnett County, Hydrologic Unit 03130001, at culvert on Suwanee Dam Road near Buford.

**DRAINAGE AREA.**—9.35 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**PEAK-DISCHARGE RECORDS**

**PERIOD OF RECORD.**—1995, 1996 (operated as a continuous streamflow station), 1998 to current year.

**GAGE.**--Crest-stage partial-record gage. Datum of gage is 935 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. Crest-stage gage was completely submerged during flood event on July 25.

**MAXIMUM FOR PERIOD OF RECORD.**—

**STAGE:** 9.70 feet, October 5, 1995

**DISCHARGE:** 1,930 ft<sup>3</sup>/s, October 5, 1995

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** >8.37 feet, July 25

**DISCHARGE:** unknown ft<sup>3</sup>/s, July 25



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02334580 LEVEL CREEK AT SETTLES BRIDGE ROAD, NEAR SUWANEE, GA**

**LOCATION.**--Lat 34°05'03", long 84°05'39", Gwinnett County, Hydrologic Unit 03130001, at culvert on Settles Bridge Road near Suwanee.

**DRAINAGE AREA.**—8.33 mi<sup>2</sup>.

**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 955 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:** 9.17 feet, April 9, 1998

**DISCHARGE:** 1,170 ft<sup>3</sup>/s, April 9, 1998

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.90 feet, July 25

**DISCHARGE:** 870 ft<sup>3</sup>/s, July 25

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02334775 IVY CREEK AT HAMILTON MILL ROAD, NEAR BUFORD, GA**

**LOCATION.**--Lat 34°05'54", long 83°57'50", Gwinnett County, Hydrologic Unit 03070103, at culvert on Hamilton Mill Road, 2.1 miles southeast of Buford.

**DRAINAGE AREA.**—3.66 mi<sup>2</sup>.

**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 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. 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:** 8.39 feet, July 25

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02334880 MILL CREEK AT WILDWOOD ROAD, NEAR SUWANEE, GA**

**LOCATION.**--Lat 34°01'41", long 84°04'13", Gwinnett County, Hydrologic Unit 03130001, at culvert on Wildwood Road near Suwanee.

**DRAINAGE AREA.**—1.86 mi<sup>2</sup>.

**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 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:** 7.51 feet, April 3, 2000

**DISCHARGE:** 661 ft<sup>3</sup>/s, April 3, 2000

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 4.93 feet, July 25

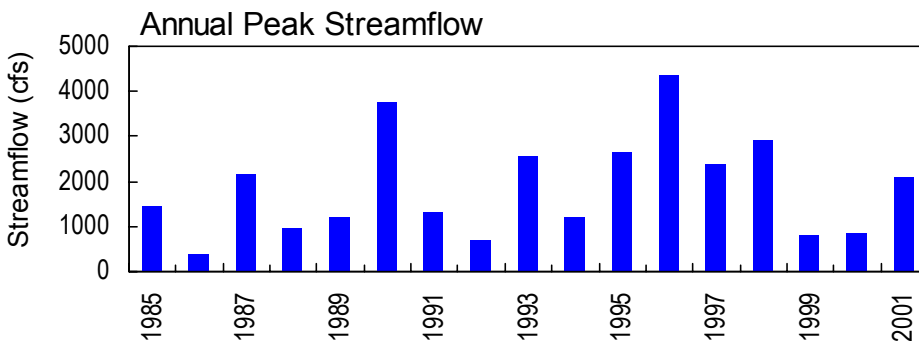
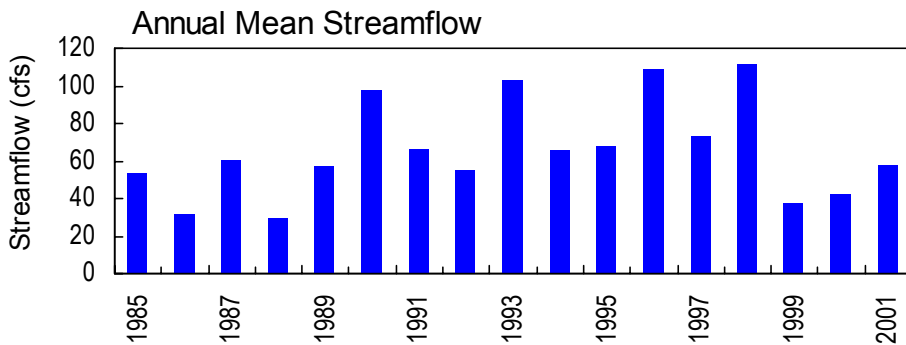
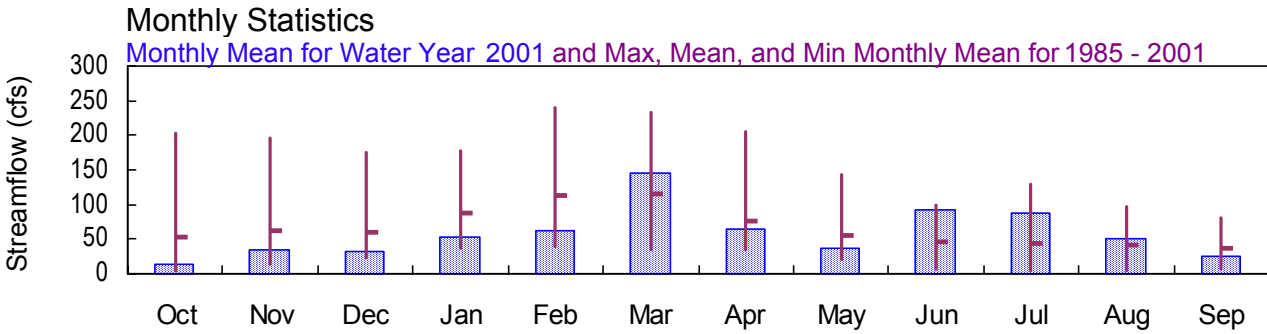
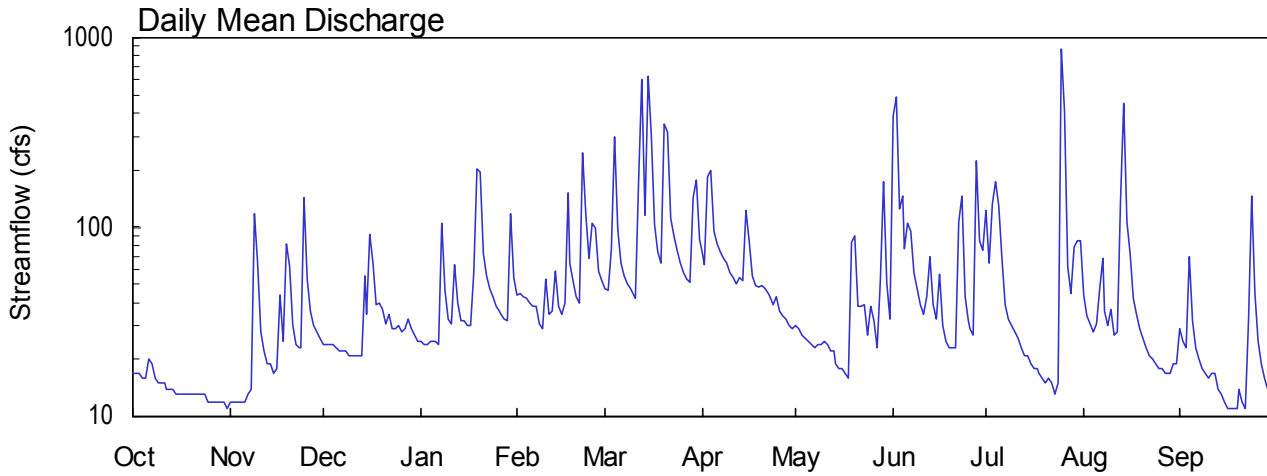
**DISCHARGE:** 269 ft<sup>3</sup>/s, July 25

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02334885 SUWANEE CREEK AT SUWANEE, GA

Latitude: 34° 01' 56" Longitude: 84° 05' 22" Hydrologic Unit Code: 03130001 Gwinnett County  
 Drainage Area: 46.8 mi<sup>2</sup> Datum: 909.7 feet Period of Record: 1985 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02334885 SUWANEE CREEK NEAR SUWANEE, GA**

**LOCATION.**--Lat 34°01'56", long 84°05'22", Gwinnett County, Hydrologic Unit 0307103, 20 feet upstream of U.S. Hwy. 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.**--47.01 mi<sup>2</sup>.

**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 sea level.

**REMARKS.**--Records fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 550 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 13	0915	1,100	8.15
Mar. 15	2030	1,240	8.44
Mar. 21	0030	842	7.47
Jun. 02	0300	993	7.90
Jul. 25	1915	2,090*	9.79*
Aug. 14	1600	826	7.42

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 9.79 feet, July 25; minimum gage-height recorded, 1.09 feet, September 23.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--February 17, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

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	17	12	24	25	44	47	71	30	388	123	44	29
2	17	12	24	24	45	46	63	29	490	64	34	25
3	17	12	24	24	43	77	186	27	125	132	31	23
4	16	12	24	25	42	300	198	26	146	174	28	70
5	16	12	23	25	40	98	96	25	77	129	31	32
6	20	12	22	25	38	65	82	24	104	68	47	23
7	19	13	22	24	38	55	74	23	96	39	68	20
8	16	14	22	104	31	50	68	24	57	33	36	18
9	15	119	21	46	29	47	64	24	47	30	30	17
10	15	64	21	33	53	44	58	25	39	28	37	16
11	15	28	21	31	35	42	54	24	35	26	27	17
12	14	22	21	63	36	173	50	22	43	23	28	17
13	14	19	21	40	59	606	54	22	70	21	137	14
14	14	19	55	32	38	115	52	19	39	21	448	13
15	13	17	35	32	35	622	123	18	33	19	108	12
16	13	18	92	30	40	300	85	18	56	18	72	11
17	13	44	64	30	152	102	55	17	30	18	42	11
18	13	25	39	57	64	74	49	16	25	17	35	11
19	13	81	40	203	52	65	48	83	23	16	29	11
20	13	62	37	197	43	350	49	89	23	15	26	14
21	13	30	31	73	40	317	47	38	23	16	23	12
22	13	24	35	55	247	112	45	38	107	15	21	11
23	13	23	29	47	117	89	43	39	145	13	20	32
24	13	23	29	43	69	76	39	27	43	15	19	145
25	12	143	30	38	105	65	43	38	32	865	18	45
26	12	53	28	36	99	57	36	32	29	406	18	25
27	12	36	29	35	59	53	34	23	27	62	17	19
28	12	30	33	33	52	51	33	52	223	45	17	16
29	12	28	29	32	---	144	30	174	85	79	17	14
30	12	26	27	119	---	176	29	51	75	84	19	13
31	11	---	25	54	---	86	---	33	---	85	19	---
TOTAL	438	1033	977	1635	1745	4504	1958	1130	2735	2699	1546	736
MEAN	14.1	34.4	31.5	52.7	62.3	145	65.3	36.5	91.2	87.1	49.9	24.5
MAX	20	143	92	203	247	622	198	174	490	865	448	145
MIN	11	12	21	24	29	42	29	16	23	13	17	11
CFSM	.30	.74	.67	1.13	1.33	3.10	1.39	.78	1.95	1.86	1.07	.52
IN.	.35	.82	.78	1.30	1.39	3.58	1.56	.90	2.17	2.15	1.23	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2001, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	53.5	62.3	60.6	88.6	114	115	76.9	56.0	46.1	44.7	40.6	36.4					
MAX	204	196	175	178	239	233	206	142	98.7	130	96.8	81.2					
(WY)	1996	1993	1993	1996	1998	1990	1998	1998	1989	1989	1994	1989					
MIN	5.35	14.6	23.8	37.1	38.3	34.7	35.2	20.4	6.20	4.20	4.23	6.19					
(WY)	1988	1988	1988	1986	1986	1988	1986	1988	1988	1986	1986	1987					

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1985 - 2001

ANNUAL TOTAL	14461.1	21136		
ANNUAL MEAN	39.5	57.9	65.9	
HIGHEST ANNUAL MEAN			111	1998
LOWEST ANNUAL MEAN			30.0	1988
HIGHEST DAILY MEAN	527	Mar 20	865	Jul 25
LOWEST DAILY MEAN	9.5	Jul 20	11	Oct 31
ANNUAL SEVEN-DAY MINIMUM	11	Jun 7	12	Sep 16
MAXIMUM PEAK FLOW			2090	Jul 25
MAXIMUM PEAK STAGE			9.79	Jul 25
INSTANTANEOUS LOW FLOW				.65
ANNUAL RUNOFF (CFSM)	.84		1.24	1.41
ANNUAL RUNOFF (INCHES)	11.49		16.80	19.14
10 PERCENT EXCEEDS	64		116	115
50 PERCENT EXCEEDS	30		32	40
90 PERCENT EXCEEDS	13		14	16

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/08/2002 AT: 10:35:39

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

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	1.34	1.15	1.39	1.40	1.66	1.70	1.98	1.48	4.87	2.58	1.66	1.46
2	1.33	1.15	1.38	1.39	1.68	1.68	1.89	1.47	5.19	1.91	1.53	1.40
3	1.33	1.15	1.38	1.38	1.66	2.04	3.34	1.44	2.61	2.66	1.49	1.37
4	1.31	1.15	1.39	1.40	1.63	4.61	3.39	1.42	2.85	3.22	1.45	1.96
5	1.30	1.16	1.36	1.40	1.62	2.26	2.24	1.41	2.04	2.62	1.50	1.51
6	1.44	1.18	1.35	1.40	1.59	1.91	2.10	1.39	2.39	1.94	1.69	1.37
7	1.42	1.19	1.35	1.39	1.60	1.80	2.01	1.38	2.25	1.60	1.94	1.32
8	1.30	1.24	1.35	2.33	1.50	1.74	1.94	1.38	1.82	1.53	1.56	1.28
9	1.26	2.74	1.34	1.69	1.47	1.70	1.90	1.39	1.70	1.48	1.48	1.27
10	1.26	1.89	1.33	1.52	1.77	1.67	1.83	1.41	1.61	1.45	1.58	1.24
11	1.27	1.44	1.33	1.49	1.55	1.64	1.78	1.38	1.55	1.42	1.43	1.26
12	1.25	1.34	1.33	1.88	1.56	2.98	1.74	1.35	1.64	1.37	1.44	1.25
13	1.24	1.30	1.33	1.61	1.84	6.10	1.78	1.35	1.96	1.34	2.73	1.19
14	1.23	1.29	1.78	1.52	1.59	2.45	1.76	1.30	1.61	1.33	5.45	1.17
15	1.22	1.27	1.54	1.50	1.55	6.03	2.61	1.28	1.52	1.29	2.37	1.14
16	1.21	1.27	2.19	1.49	1.60	4.08	2.12	1.27	1.81	1.28	1.98	1.12
17	1.20	1.67	1.90	1.48	2.94	2.30	1.80	1.25	1.48	1.28	1.64	1.13
18	1.20	1.40	1.60	1.80	1.90	2.01	1.72	1.23	1.40	1.26	1.55	1.13
19	1.19	2.06	1.62	3.52	1.77	1.91	1.71	2.10	1.37	1.24	1.46	1.13
20	1.19	1.86	1.58	3.43	1.65	4.67	1.72	2.18	1.38	1.23	1.42	1.19
21	1.19	1.48	1.49	2.00	1.61	4.25	1.70	1.59	1.36	1.24	1.37	1.15
22	1.19	1.39	1.55	1.80	4.01	2.41	1.68	1.59	2.41	1.21	1.33	1.12
23	1.18	1.37	1.46	1.70	2.49	2.17	1.66	1.60	2.86	1.18	1.31	1.38
24	1.18	1.37	1.47	1.65	1.96	2.04	1.60	1.44	1.65	1.21	1.30	2.83
25	1.18	2.81	1.49	1.60	2.36	1.91	1.66	1.58	1.51	6.09	1.28	1.67
26	1.17	1.78	1.45	1.56	2.27	1.82	1.56	1.51	1.46	4.34	1.27	1.40
27	1.18	1.56	1.46	1.55	1.84	1.78	1.53	1.37	1.43	1.88	1.27	1.29
28	1.17	1.48	1.53	1.52	1.76	1.75	1.52	1.74	3.83	1.67	1.25	1.24
29	1.16	1.44	1.47	1.51	---	2.87	1.49	3.25	2.12	2.08	1.26	1.20
30	1.15	1.42	1.43	2.51	---	3.21	1.47	1.75	2.02	2.11	1.29	1.18
31	1.14	---	1.40	1.79	---	2.14	---	1.53	---	2.12	1.30	---
MEAN	1.24	1.50	1.48	1.75	1.87	2.63	1.91	1.54	2.12	1.91	1.66	1.34
MAX	1.44	2.81	2.19	3.52	4.01	6.10	3.39	3.25	5.19	6.09	5.45	2.83
MIN	1.14	1.15	1.33	1.38	1.47	1.64	1.47	1.23	1.36	1.18	1.25	1.12



STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

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	---	---	---	---	---	.00	.00	.00	2.64	.00	.00	.26
2	---	---	---	---	---	.18	.00	.00	.00	.01	.01	.00
3	---	---	---	---	---	1.32	1.26	.00	.66	.84	.00	.48
4	---	---	---	---	---	.00	.00	.00	.00	.37	.49	.41
5	---	---	---	---	---	.00	.00	.00	.00	.17	.28	.00
6	---	---	---	---	---	.00	.00	.00	.59	.00	.32	.00
7	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
8	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
9	---	---	---	---	---	.00	.00	.00	.00	.15	.00	.00
10	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
11	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
12	---	---	---	---	---	2.02	.00	.00	.42	.00	.70	.00
13	---	---	---	---	---	.00	.15	.00	.00	.00	1.05	.00
14	---	---	---	---	---	.16	.00	.00	.11	.00	.00	.00
15	---	---	---	---	---	1.50	.92	.00	.29	.00	.00	.00
16	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
17	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	---	---	.00	.00	.00	1.17	.00	.00	.00	.00
20	---	---	---	---	.00	1.40	.00	.00	.00	.00	.00	.00
21	---	---	---	---	.00	.10	.00	.00	.00	.00	.00	.00
22	---	---	---	---	1.40	.00	.00	.24	1.01	.00	.00	.00
23	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.87
24	---	---	---	---	.00	.00	.18	.00	.00	---	.00	.77
25	---	---	---	---	.59	.00	.02	.20	.00	---	.00	.00
26	---	---	---	---	.00	.00	.00	.00	.00	---	.00	.00
27	---	---	---	---	.00	.00	.00	.00	.00	---	.00	.00
28	---	---	---	---	.00	.00	.00	1.42	.00	---	.00	.00
29	---	---	---	---	---	1.29	.00	.88	.00	---	.00	.00
30	---	---	---	---	---	.00	.00	.00	.18	---	.00	.00
31	---	---	---	---	---	.00	---	.31	---	.77	.00	---
TOTAL	---	---	---	---	---	7.97	2.53	4.22	5.90	---	2.85	2.79

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02334885 SUWANEE CREEK NEAR SUWANEE, GA**

**LOCATION.**—Lat 34°01'56", Long 84°05'22", Gwinnett County, Hydrologic unit 03070103, 20 feet upstream of U.S. Highway 23 bridge, 1.7 miles southwest of Suwanee, 3.1 miles upstream of the Chattahoochee River, 0.2 miles upstream of Bennett creek, 0.65 miles downstream of Mill Creek.

**DRAINAGE AREA.**—46.8 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** March 1, 2001 to September 30, 2001.

**WATER TEMPERATURE:** February 16, 2001 to September 30, 2001.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 160 microsiemens, September 19,22; minimum recorded, 33 microsiemens, July 25.

**WATER TEMPERATURE:** Maximum recorded, 25.2°C, July 12, August 10; minimum recorded,7.1°C, March 20.

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

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 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

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	---	---	---	---	---	---	83	77	79	122	104	114
2	---	---	---	104	98	102	90	81	84	122	106	116
3	---	---	---	99	56	81	89	51	60	130	108	120
4	---	---	---	72	56	61	72	58	66	126	106	117
5	---	---	---	87	72	78	78	71	73	131	107	120
6	---	---	---	95	85	87	81	75	78	131	109	122
7	---	---	---	100	90	93	84	78	81	130	111	119
8	---	---	---	100	93	97	86	81	84	131	114	125
9	---	---	---	97	93	96	93	84	88	129	112	123
10	---	---	---	98	93	96	96	87	91	139	112	126
11	---	---	---	101	96	99	97	90	93	129	110	120
12	---	---	---	99	44	63	98	91	95	137	115	125
13	---	---	---	71	45	58	99	93	96	128	112	122
14	---	---	---	88	63	76	99	90	96	127	111	120
15	---	---	---	53	45	48	91	66	75	134	114	123
16	---	---	---	69	52	61	90	72	79	134	117	128
17	---	---	---	86	69	77	94	85	89	143	118	129
18	---	---	---	90	83	86	---	---	---	143	121	132
19	---	---	---	94	61	86	---	---	---	135	74	117
20	---	---	---	61	39	46	---	---	---	84	71	77
21	---	---	---	69	53	61	---	---	---	105	84	94
22	---	---	---	76	67	71	---	---	---	113	101	108
23	---	---	---	81	74	78	105	96	99	113	99	106
24	---	---	---	85	79	82	111	98	105	128	103	114
25	---	---	---	90	83	85	106	96	101	130	106	118
26	---	---	---	97	87	90	118	102	109	112	103	107
27	---	---	---	100	89	94	112	100	107	117	100	109
28	---	---	---	101	89	95	116	104	111	114	54	104
29	---	---	---	101	52	67	114	103	111	67	54	60
30	---	---	---	72	58	65	116	103	112	94	66	82
31	---	---	---	79	72	74	---	---	---	112	87	97
MONTH	---	---	---	---	---	---	---	---	---	143	54	113

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

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	103	45	64	93	36	55	96	76	85	126	111	120
2	66	45	54	68	57	64	113	93	103	122	99	109
3	75	58	69	76	52	61	113	102	109	112	104	109
4	77	59	66	69	47	57	116	106	112	112	74	88
5	89	77	83	71	60	65	116	96	110	97	73	85
6	99	68	88	78	67	74	115	66	109	117	96	103
7	87	70	79	100	78	89	98	69	86	123	112	119
8	107	87	99	114	95	104	103	75	86	130	119	125
9	111	101	108	111	101	106	118	99	105	136	123	130
10	115	103	109	120	105	113	118	98	108	136	123	130
11	117	104	112	123	107	116	116	104	108	142	128	136
12	129	100	116	131	110	120	117	108	114	142	115	127
13	137	89	98	128	116	124	115	53	75	145	128	140
14	116	89	106	130	117	125	66	38	46	154	132	147
15	125	102	110	129	116	123	63	51	59	156	138	149
16	116	93	103	127	116	123	74	63	71	154	140	149
17	119	99	109	144	119	128	98	72	83	158	139	150
18	140	117	125	144	116	130	103	94	99	155	140	149
19	152	125	138	138	123	132	107	98	102	160	141	152
20	158	126	145	138	125	134	111	102	106	158	141	150
21	155	123	137	137	124	132	120	105	110	157	134	150
22	147	59	118	134	120	128	123	110	118	160	134	150
23	73	56	66	132	122	129	129	115	124	153	80	138
24	97	73	84	136	123	131	135	118	128	123	54	78
25	111	95	103	142	33	66	131	120	126	86	65	75
26	121	105	114	68	36	54	129	116	125	108	85	94
27	124	107	116	83	68	77	126	116	123	118	102	109
28	146	40	60	98	83	92	129	113	123	122	116	120
29	84	53	63	103	69	94	133	114	125	135	122	130
30	76	68	73	73	60	67	133	115	126	137	125	135
31	---	---	---	113	57	80	129	114	123	---	---	---
MONTH	158	40	97	144	33	100	135	38	104	160	54	125

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

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 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

## 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	---	---	---	12.4	11.4	12.1	13.1	11.1	12.3	18.5	17.1	17.7
2	---	---	---	13.0	12.3	12.6	12.4	11.1	12.1	18.9	17.5	18.1
3	---	---	---	13.7	12.8	13.3	12.2	11.6	11.6	18.8	17.1	17.9
4	---	---	---	14.1	11.2	13.1	14.5	12.2	13.8	18.9	16.9	17.9
5	---	---	---	11.6	8.6	10.6	14.1	13.3	13.6	19.3	17.4	18.3
6	---	---	---	9.4	7.5	8.5	15.8	13.5	15.1	20.1	18.5	19.2
7	---	---	---	8.8	7.5	8.3	17.1	15.8	16.7	19.5	18.0	18.9
8	---	---	---	10.1	8.0	9.4	18.5	16.9	18.0	18.0	17.3	17.6
9	---	---	---	10.0	8.1	9.3	19.4	18.1	19.0	18.0	16.9	17.4
10	---	---	---	9.5	8.2	8.9	20.0	18.6	19.5	18.7	17.4	18.0
11	---	---	---	11.0	8.9	10.2	20.2	18.9	19.7	19.1	17.6	18.3
12	---	---	---	12.4	11.0	11.7	19.4	18.9	19.1	19.7	18.3	19.0
13	---	---	---	14.1	12.0	13.2	19.4	18.0	18.9	19.7	18.2	19.0
14	---	---	---	12.6	11.3	12.6	18.9	17.3	18.5	18.8	17.2	18.1
15	---	---	---	11.5	10.7	11.1	17.8	16.9	17.5	19.0	17.1	18.1
16	14.4	12.8	13.6	13.2	10.7	12.3	17.6	15.1	16.8	20.1	17.8	18.9
17	12.8	9.0	11.3	12.8	11.0	12.1	15.3	12.4	14.0	21.0	19.0	20.0
18	9.6	8.1	8.9	12.2	10.5	11.6	---	---	---	21.5	19.6	20.6
19	9.1	8.1	8.8	11.1	7.6	10.2	---	---	---	21.4	20.0	20.5
20	9.9	8.8	9.0	8.0	7.1	7.4	---	---	---	20.4	19.8	20.2
21	12.1	9.9	11.4	9.5	8.0	9.1	---	---	---	21.0	20.3	20.6
22	11.1	9.2	10.0	11.7	9.3	10.9	---	---	---	20.8	19.5	20.5
23	10.6	9.3	10.2	12.4	10.8	11.8	18.5	17.6	18.2	19.5	17.9	18.5
24	10.9	9.7	10.2	12.2	11.3	11.8	18.6	17.0	17.9	18.7	17.5	18.1
25	13.0	10.9	12.4	12.9	10.5	12.0	17.2	15.7	16.5	18.6	17.9	18.2
26	13.4	11.7	12.8	11.4	9.0	10.3	16.4	15.3	15.9	18.7	17.3	18.0
27	12.3	11.7	12.2	10.3	8.9	9.5	16.5	15.4	16.0	19.7	17.6	18.6
28	12.6	11.4	12.1	9.9	8.9	9.6	17.2	16.1	16.9	20.1	18.8	19.3
29	---	---	---	9.4	8.9	9.1	18.1	17.2	17.6	20.6	19.5	20.0
30	---	---	---	12.0	9.4	11.1	18.1	17.2	17.6	20.4	19.5	20.0
31	---	---	---	12.5	11.7	12.2	---	---	---	20.5	19.6	20.0
MONTH	---	---	---	14.1	7.1	10.8	---	---	---	21.5	16.9	18.9

STATION NUMBER 02334885 SUWANEE CREEK AT SUWANEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340156 LONGITUDE 0840522 DRAINAGE AREA 46.80 DATUM 909.71 STATE 13 COUNTY 135

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.9	19.5	19.9	22.6	21.2	21.8	24.0	23.4	23.7	22.7	22.0	22.2
2	19.8	18.8	19.4	22.6	21.8	22.1	23.6	23.0	23.4	22.2	21.6	21.8
3	20.6	19.0	19.6	23.4	22.2	22.9	23.6	22.5	23.0	21.9	21.6	21.7
4	20.7	19.6	20.1	23.2	22.5	22.8	23.8	22.9	23.2	22.5	21.7	22.0
5	21.3	20.5	20.9	23.1	22.2	22.8	24.0	23.1	23.6	22.7	21.7	22.1
6	22.9	21.1	21.7	23.4	22.1	22.8	24.4	23.4	23.6	23.2	22.1	22.6
7	22.4	21.2	21.6	23.0	22.2	22.5	24.6	23.1	23.7	23.3	22.4	22.8
8	21.3	20.8	21.1	23.2	22.0	22.6	24.6	23.5	23.9	23.2	22.1	22.5
9	21.2	20.6	20.9	24.5	22.9	23.7	25.1	23.9	24.4	22.9	21.9	22.4
10	21.2	20.1	20.7	24.5	23.4	24.0	25.2	24.2	24.7	23.3	22.3	22.9
11	21.5	20.9	21.1	25.1	23.6	24.3	25.1	24.2	24.5	23.5	22.7	23.1
12	21.4	20.8	21.0	25.2	24.0	24.5	24.7	23.8	24.2	23.7	22.8	23.2
13	22.2	20.6	21.4	24.6	23.9	24.2	24.9	23.8	24.1	22.9	21.6	22.1
14	23.2	22.1	22.6	24.2	23.0	23.6	24.5	23.0	23.7	21.8	20.8	21.4
15	23.5	22.5	22.9	23.5	22.4	23.0	24.2	22.8	23.4	21.4	19.5	20.4
16	23.4	22.6	22.9	22.9	21.8	22.4	23.9	23.2	23.4	19.5	17.9	18.6
17	23.2	21.7	22.5	22.9	21.4	22.1	23.9	23.1	23.5	18.4	17.1	17.8
18	23.4	21.9	22.6	23.5	21.9	22.7	24.6	23.4	23.9	18.2	16.9	17.6
19	23.3	22.0	22.6	23.6	22.4	23.1	24.2	23.3	23.8	18.7	17.8	18.2
20	23.1	21.6	22.3	23.6	23.0	23.3	24.0	23.1	23.5	19.9	18.7	19.2
21	23.2	21.7	22.5	23.3	22.8	23.1	23.7	21.9	22.7	20.1	18.7	19.5
22	22.7	21.6	22.2	23.4	22.0	22.8	22.9	21.2	22.0	20.1	18.8	19.5
23	21.7	21.0	21.4	23.6	22.0	22.9	22.7	21.4	22.0	22.1	19.2	20.1
24	21.5	20.5	21.0	23.5	22.9	23.2	23.1	21.9	22.4	21.5	20.1	20.9
25	21.7	20.7	21.1	23.5	22.9	23.1	23.2	22.2	22.7	20.1	17.3	18.6
26	21.6	20.7	21.1	23.4	22.6	23.0	23.4	22.3	22.8	17.3	15.8	16.4
27	22.3	20.7	21.5	---	---	---	23.7	22.7	23.2	16.0	14.7	15.5
28	22.6	20.7	21.6	23.9	22.7	23.3	23.7	22.7	23.0	16.1	14.7	15.5
29	22.6	21.3	21.8	23.8	22.5	22.9	23.1	22.5	22.8	16.2	15.2	15.7
30	22.6	22.0	22.3	23.8	23.2	23.5	23.0	22.6	22.8	15.8	14.8	15.4
31	---	---	---	24.0	23.6	23.8	22.9	22.4	22.6	---	---	---
MONTH	23.5	18.8	21.5	---	---	---	25.2	21.2	23.4	23.7	14.7	20.1



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02334885 SUWANEE CREEK NEAR SUWANEE, GA**

**LOCATION.**--Lat 34°01'56", long 84°05'22", Gwinnett County, Hydrologic Unit 0307103, 20 feet upstream of U.S. Hwy. 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.** --46.8 mi<sup>2</sup>.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**-- March 1, 2001 to September 30, 2001.

**REMARKS.**-- Laboratory analyses are by the U.S. Geological Survey, Florida District Water-Quality Laboratory, Ocala, Florida. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TUR- BID- ITY (NTU) (00076)	FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD ARD (STAND- UNITS) (00400)	PH WATER WHOLE LAB ARD (STAND- UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (00095)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)
JAN													
19-20	0730	550	--	10.6	93	6.7	--	71	65	--	8.5	17	5.0
MAR													
02-04	1900	310	--	--	--	7.2	6.9	63	58	--	--	8	2.4
APR													
19...	0925	10	--	--	--	7.1	7.5	104	105	--	12.1	27	7.9
24...	0905	11	--	--	--	7.1	7.2	110	111	--	19.2	29	8.7
APR													
25-25	0300	17	--	--	--	6.7	7.2	105	106	--	--	29	8.3
30...	0845	12	--	9.2	98	7.1	7.4	103	103	--	17.0	28	8.4
JUN													
28-28	0145	1000	--	6.2	70	6.5	6.8	55	41	24.5	20.7	13	4.0
AUG													
12-13	2015	--	--	--	--	6.7	7.2	83	80	--	--	21	6.6
22...	1025	18	21	7.6	86	7.2	7.8	122	118	--	21.5	33	10.0

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02334885 SUWANEE CREEK NEAR SUWANEE, GA--continued.**

DATE	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)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDEED (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)	PHOS - PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)
JAN 19-20	5.8	1.10	2.70	480	47	1.5	.74	2.2	<.020	.520	--	<.50	<.50
MAR 02-04	3.4	.600	1.90	280	43	1.0	.37	1.4	<.020	.260	3.1	<.50	<.50
APR 19...	--	1.70	--	5	68	.29	.71	1.0	<.020	<.020	.7	<.50	<.50
24...	--	1.80	--	7	67	.28	.63	.91	<.020	<.020	.7	<.50	<.50
APR 25-25	--	1.90	--	18	68	.29	.59	.88	<.020	.030	2.2	<.50	<.50
30...	--	1.80	--	6	60	.28	.52	.80	<.020	<.020	.6	<.50	<.50
JUN 28-28	--	.800	--	720	34	1.8	.62	2.4	<.020	.610	4.7	<.50	<.50
AUG 12-13	--	1.20	--	480	52	1.3	.43	1.7	<.020	.580	3.9	<.50	<.50
22...	--	1.90	--	9	80	.20	.68	.88	<.020	.020	.6	<.50	<.50

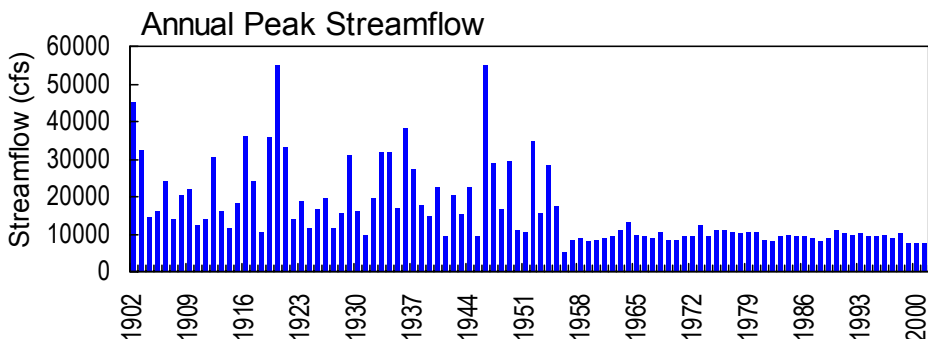
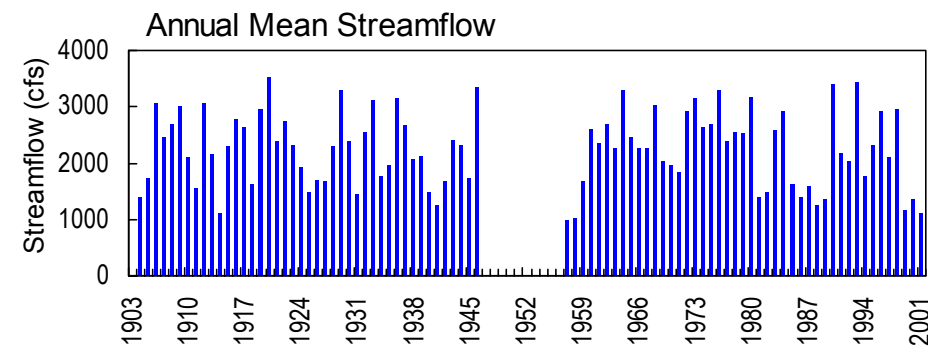
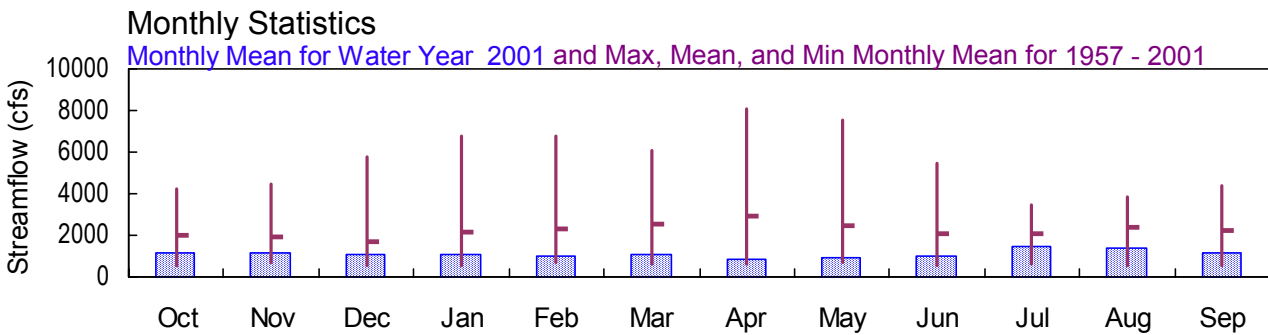
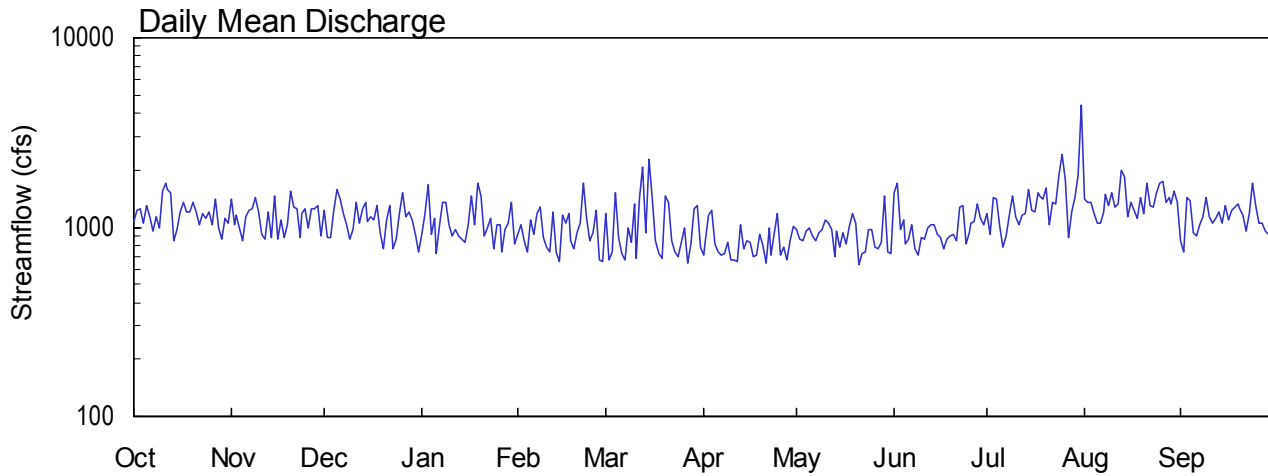
DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, DIS- SOLVED (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)
JAN 19-20	<1.0	13	<2.0	12.0	<2.00	14	220	700	<2.0	46
MAR 02-04	<1.0	3.8	<2.0	5.0	<2.00	20	110	650	5.0	48
APR 19...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	410	440	2.0	3.0
24...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	360	360	<2.0	2.0
APR 25-25	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	350	400	2.0	26
30...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	330	330	<2.0	2.0
JUN 28-28	<1.0	17	<2.0	15.0	<2.00	23	210	790	<2.0	55
AUG 12-13	<1.0	17	<2.0	14.0	<2.00	19	230	970	<2.0	56
22...	<1.0	<1.0	<2.0	<2.0	<2.00	2.0	340	340	<2.0	3.0

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA

Latitude: 33° 59' 50" Longitude: 84° 12' 07" Hydrologic Unit Code: 03130001 Gwinnett County  
Drainage Area: 1170 mi<sup>2</sup> Datum: 878.1 feet Period of Record: 1957 - 2001



USGS  
02335000 - Chattahoochee River near Norcross, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA**

**LOCATION.**--Lat 33°59'50", long 84°12'07", Gwinnett-Fulton County line, Hydrologic Unit 03130001, on downstream side of right bank pier of bridge on GA Highway 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<sup>2</sup>, approximately.

**COOPERATION.**—U.S. Army Corps of Engineers, Mobile District; 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.**--Phone telemetry with a water-stage recorder. Datum of gage is 878.14 feet above sea level (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. Flow regulated by Lake Sidney Lanier since January 1956. Diversion and return flow above station regulated by Gwinnett County. Periods of monthly discharge only are not included in statistics computations.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum stage known since at least 1896, is 27.70 feet, January 8, 1946, discharge, 55,000 ft<sup>3</sup>/s, from rating extended above 36,000 ft<sup>3</sup>/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.**--Phone telemetry with a water-stage recorder. Datum of gage is 878.14 feet above sea level (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 9.07 feet, July 31; minimum gage-height recorded, 1.43 feet, February 14.

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335950 LONGITUDE 0841207 DRAINAGE AREA 1170.00 DATUM 878.14 STATE 13 COUNTY 135

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	1080	1400	1220	921	915	1180	717	975	1520	1170	1400	841
2	1230	1030	888	1190	1020	672	852	866	1690	915	1340	735
3	1260	1160	883	1680	850	734	1150	855	979	1420	1350	1420
4	1050	981	1230	911	737	1530	1220	958	1100	1410	1180	1390
5	1310	841	1590	1110	1100	889	822	1000	809	1010	1050	932
6	1140	1130	1410	731	919	727	746	907	870	780	1060	904
7	952	1230	1180	1010	1190	671	710	855	1020	892	1210	1030
8	1140	1250	1030	1350	1270	1000	722	942	767	1150	1500	1130
9	985	1430	865	1350	889	826	838	969	712	1450	1310	1440
10	1550	1210	971	1020	782	1320	676	1090	874	1140	1530	1140
11	1710	910	1340	907	735	680	668	1040	865	1020	1280	1050
12	1580	862	1060	965	1200	1400	664	978	986	1150	1320	1110
13	1510	1210	1240	896	738	2060	1030	704	1030	1170	2000	1210
14	840	883	1350	871	656	937	772	960	1020	1580	1830	1060
15	971	1470	1080	836	1160	2280	843	792	925	1230	1140	1290
16	1200	870	1130	1030	1060	1430	838	926	874	1200	1360	1100
17	1360	1090	1090	1470	1170	851	694	813	773	1510	1230	1230
18	1200	876	1290	1030	840	719	717	1010	859	1450	1120	1280
19	1210	1020	934	1700	768	679	908	1180	901	1410	1420	1330
20	1360	1540	767	1470	926	1460	794	1040	922	1610	1190	1250
21	1210	1270	1090	907	1050	1350	644	629	852	1020	1720	1160
22	1030	1250	1290	990	1690	852	1000	732	1270	1360	1290	960
23	1190	876	775	1120	1110	735	710	736	1290	1320	1270	1170
24	1110	1180	858	773	841	695	915	978	808	1890	1510	1710
25	1200	1240	1170	1020	926	836	1180	963	936	2420	1700	1310
26	1020	982	1510	1030	1220	981	713	792	1040	1760	1750	1050
27	1400	1260	1140	745	674	647	789	771	1070	879	1360	1050
28	995	1240	1200	980	654	809	676	836	1320	1200	1430	956
29	857	1300	1100	1040	---	1260	840	1460	1120	1440	1320	924
30	1110	900	912	1340	---	1310	1010	741	1020	1880	1550	1010
31	1040	---	741	814	---	780	---	726	---	4460	1350	---
TOTAL	36800	33891	34334	33207	27090	32300	24858	28224	30222	44296	43070	34172
MEAN	1187	1130	1108	1071	968	1042	829	910	1007	1429	1389	1139
MAX	1710	1540	1590	1700	1690	2280	1220	1460	1690	4460	2000	1710
MIN	840	841	741	731	654	647	644	629	712	780	1050	735
CFSM	1.01	.97	.95	.92	.83	.89	.71	.78	.86	1.22	1.19	.97
IN.	1.17	1.08	1.09	1.06	.86	1.03	.79	.90	.96	1.41	1.37	1.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2001, BY WATER YEAR (WY)

	2013	1918	1724	2122	2325	2556	2912	2448	2085	2077	2402	2220
MEAN	2013	1918	1724	2122	2325	2556	2912	2448	2085	2077	2402	2220
MAX	4196	4433	5778	6802	6797	6053	8042	7509	5476	3427	3875	4423
(WY)	1992	1975	1993	1993	1996	1990	1964	1973	1963	1994	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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1957 - 2001

ANNUAL TOTAL	496086	402464	
ANNUAL MEAN	1355	1103	2232
HIGHEST ANNUAL MEAN			3431
LOWEST ANNUAL MEAN			1001
HIGHEST DAILY MEAN	3290	Aug 31	4460 Jul 31
LOWEST DAILY MEAN	741	Dec 31	629 May 21
ANNUAL SEVEN-DAY MINIMUM	941	Mar 1	718 Apr 6
MAXIMUM PEAK FLOW			7460 Jul 31
MAXIMUM PEAK STAGE			9.07 Jul 31
ANNUAL RUNOFF (CFSM)	1.16		.94
ANNUAL RUNOFF (INCHES)	15.77		12.80
10 PERCENT EXCEEDS	2210		4460
50 PERCENT EXCEEDS	1190		1040
90 PERCENT EXCEEDS	876		740

STATISTICS COMPUTED BY: agotvald

DATE: 10/25/2001 AT: 14:52:31

STATION NUMBER 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335950 LONGITUDE 0841207 DRAINAGE AREA 1170.00 DATUM 878.14 STATE 13 COUNTY 135

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	2.47	2.95	2.71	2.22	2.21	2.66	1.85	2.29	3.03	2.49	2.84	1.90
2	2.64	2.41	2.18	2.64	2.39	1.76	2.10	2.11	3.31	2.05	2.68	1.70
3	2.75	2.62	2.17	3.33	2.10	1.88	2.58	2.09	2.16	2.89	2.72	2.82
4	2.41	2.33	2.73	2.21	1.89	3.24	2.74	2.26	2.37	2.88	2.46	2.82
5	2.81	2.09	3.17	2.52	2.49	2.18	2.06	2.33	1.86	2.21	2.28	2.07
6	2.57	2.58	2.97	1.88	2.22	1.87	1.91	2.17	1.96	1.81	2.23	2.01
7	2.27	2.73	2.66	2.35	2.68	1.76	1.84	2.07	2.22	1.97	2.51	2.22
8	2.57	2.75	2.42	2.91	2.81	2.33	1.86	2.23	1.78	2.41	2.92	2.35
9	2.33	3.06	2.14	2.87	2.17	2.04	2.07	2.28	1.67	2.85	2.64	2.84
10	3.19	2.72	2.32	2.38	1.98	2.74	1.77	2.46	1.96	2.41	2.92	2.40
11	3.33	2.22	2.87	2.20	1.89	1.78	1.75	2.38	1.95	2.20	2.58	2.25
12	3.21	2.13	2.46	2.30	2.62	2.82	1.75	2.30	2.16	2.40	2.67	2.33
13	3.17	2.72	2.74	2.18	1.89	3.91	2.40	1.80	2.23	2.42	3.74	2.49
14	2.08	2.17	2.91	2.13	1.72	2.26	1.94	2.25	2.22	3.04	3.49	2.26
15	2.31	3.12	2.51	2.08	2.63	4.11	2.08	1.96	2.06	2.53	2.40	2.63
16	2.68	2.15	2.59	2.40	2.45	3.05	2.08	2.20	1.97	2.46	2.74	2.31
17	2.87	2.52	2.52	3.11	2.65	2.11	1.81	2.01	1.78	2.92	2.52	2.51
18	2.68	2.16	2.82	2.40	2.09	1.86	1.84	2.31	1.94	2.82	2.36	2.64
19	2.68	2.40	2.26	3.39	1.95	1.78	2.20	2.63	2.00	2.78	2.80	2.73
20	2.94	3.23	1.95	3.13	2.23	3.07	1.99	2.41	2.04	3.10	2.40	2.59
21	2.70	2.79	2.49	2.21	2.43	2.95	1.71	1.67	1.92	2.18	3.19	2.47
22	2.40	2.76	2.77	2.35	3.38	2.11	2.33	1.85	2.61	2.70	2.61	2.13
23	2.67	2.16	1.97	2.54	2.56	1.89	1.82	1.87	2.66	2.64	2.59	2.47
24	2.54	2.64	2.11	1.96	2.09	1.81	2.19	2.28	1.85	3.42	2.91	3.36
25	2.68	2.78	2.66	2.38	2.24	2.06	2.65	2.28	2.06	4.26	3.15	2.71
26	2.41	2.34	3.16	2.39	2.73	2.33	1.84	1.98	2.23	3.36	3.23	2.29
27	2.99	2.77	2.57	1.91	1.77	1.71	1.97	1.94	2.29	1.98	2.69	2.28
28	2.36	2.75	2.65	2.31	1.73	2.01	1.76	2.06	2.72	2.44	2.83	2.13
29	2.12	2.83	2.51	2.41	---	2.72	2.06	3.08	2.39	2.84	2.64	2.07
30	2.53	2.20	2.20	2.89	---	2.89	2.35	1.89	2.22	3.43	2.96	2.22
31	2.43	---	1.90	2.04	---	1.98	---	1.85	---	6.36	2.72	---

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335347 CROOKED CREEK TRIBUTARY No. 2, NEAR NORCROSS, GA**

**LOCATION.**--Lat 33°57'24", long 84°14'43", Gwinnett County, Hydrologic Unit 03130001, at culvert on Holcomb Bridge Road near Norcross.

**DRAINAGE AREA.**—0.19 mi<sup>2</sup>.

**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.**—

**STAGE:** 6.41 feet, March 20, 2000

**DISCHARGE:** 296 ft<sup>3</sup>/s, March 20, 2000

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 5.59 feet, September 24

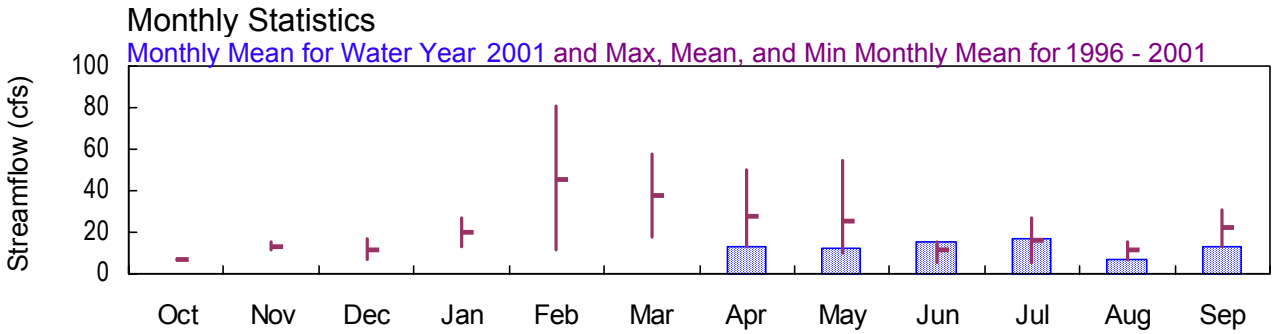
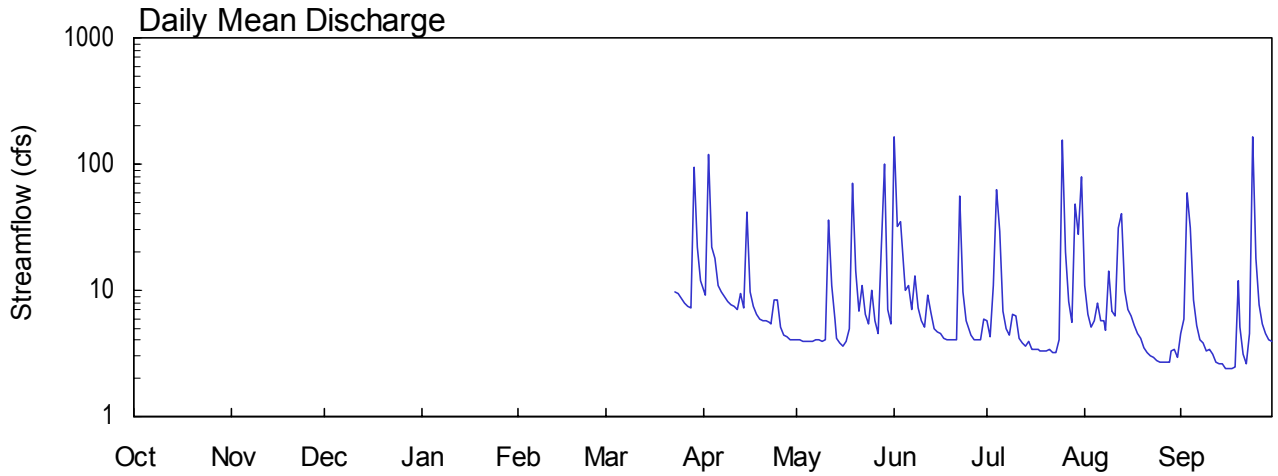
**DISCHARGE:** 229 ft<sup>3</sup>/s, September 24

# APALACHICOLA RIVER BASIN

2001 Water Year

02335350 CROOKED CREEK NEAR NORCROSS, GA.

Latitude: 33° 57' 54" Longitude: 84° 15' 54" Hydrologic Unit Code: 03130001 Gwinnett County  
Drainage Area: 6.7 mi<sup>2</sup> Datum: 869.4 feet Period of Record: 1996 - 2001





**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335350 CROOKED CREEK NEAR NORCROSS, GA**

**LOCATION.**--Lat 33°57'54", long 84°15'54", Gwinnett County, Hydrologic Unit 03130001, 20 feet upstream of the bridge on Spalding drive, 3.2 miles northwest of Norcross, GA, and 0.6 miles upstream from the Chattahoochee River.

**DRAINAGE AREA.**--6.66 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--March 22, 2001, to September 30, 2001.

**GAGE.**—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 950.00 feet above sea level (from topographic map).

**REMARKS.**--Records fair.

**EXTREMES FOR CURRENT YEAR.**--Maximum discharge, 873 ft<sup>3</sup>/s, September 24; minimum daily discharge, 2.4 ft<sup>3</sup>/s, September 15-17.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--March 23, 2001, to September 30, 2001.

**GAGE.**—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 950.00 feet above sea level (from topographic map).

**REMARKS.**--Records fair.

**EXTREMS FOR CURRENT YEAR.**--Maximum gage-height recorded, 10.47 feet, September 24, 2001; minimum gage-height recorded, 3.70 feet, May 15-16, July 18-20, 22-24.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--March 23, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	---	10	4.1	163	5.8	11	4.5
2	---	---	---	---	---	---	9.1	4.0	32	4.3	6.4	5.9
3	---	---	---	---	---	---	119	3.9	35	11	5.1	59
4	---	---	---	---	---	---	22	3.9	15	62	5.8	31
5	---	---	---	---	---	---	18	3.9	10	29	7.9	8.3
6	---	---	---	---	---	---	11	3.9	11	6.8	5.8	5.2
7	---	---	---	---	---	---	9.7	4.1	7.0	4.9	5.8	4.1
8	---	---	---	---	---	---	8.9	4.1	13	4.4	4.8	3.8
9	---	---	---	---	---	---	8.1	3.9	7.2	6.5	14	3.3
10	---	---	---	---	---	---	7.6	4.0	5.7	6.2	6.9	3.4
11	---	---	---	---	---	---	7.4	36	5.1	4.2	6.3	3.1
12	---	---	---	---	---	---	7.1	11	9.2	3.8	31	2.7
13	---	---	---	---	---	---	9.4	5.9	6.6	3.6	41	2.6
14	---	---	---	---	---	---	7.2	4.2	4.9	3.9	10	2.6
15	---	---	---	---	---	---	42	3.8	4.7	3.4	7.1	2.4
16	---	---	---	---	---	---	9.6	3.6	4.5	3.4	6.3	2.4
17	---	---	---	---	---	---	7.4	3.9	4.2	3.4	5.2	2.4
18	---	---	---	---	---	---	6.4	4.9	4.1	3.3	4.6	2.5
19	---	---	---	---	---	---	5.9	70	4.0	3.3	4.2	12
20	---	---	---	---	---	---	5.8	14	4.0	3.3	3.5	5.1
21	---	---	---	---	---	---	5.8	6.8	4.0	3.4	3.2	3.1
22	---	---	---	---	---	---	5.6	11	56	3.2	3.0	2.6
23	---	---	---	---	---	---	9.7	5.5	6.4	9.8	2.9	4.5
24	---	---	---	---	---	---	9.4	8.4	5.5	5.8	4.0	165
25	---	---	---	---	---	---	8.6	8.4	10	4.8	153	18
26	---	---	---	---	---	---	7.9	5.1	5.7	4.4	20	7.6
27	---	---	---	---	---	---	7.4	4.4	4.6	4.1	8.2	5.4
28	---	---	---	---	---	---	7.2	4.3	22	4.1	5.6	4.5
29	---	---	---	---	---	---	94	4.1	99	4.0	48	3.3
30	---	---	---	---	---	---	22	4.1	7.1	6.0	28	3.4
31	---	---	---	---	---	---	12	---	5.4	---	80	2.9
TOTAL	---	---	---	---	---	---	387.3	380.6	453.2	533.1	225.0	385.0
MEAN	---	---	---	---	---	---	12.9	12.3	15.1	17.2	7.26	12.8
MAX	---	---	---	---	---	---	119	99	163	153	41	165
MIN	---	---	---	---	---	---	4.1	3.6	4.0	3.2	2.7	2.4
CFSM	---	---	---	---	---	---	1.94	1.84	2.27	2.58	1.09	1.93
IN.	---	---	---	---	---	---	2.16	2.13	2.53	2.98	1.26	2.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001	2000	2001	2000	2001	1996	2001
MEAN	7.11	13.4	11.7	20.1	45.4	37.6	27.6	25.6	11.4	15.9	11.7	22.0
MAX	7.11	15.2	16.9	26.9	80.6	57.4	50.0	54.8	15.1	27.0	15.4	31.1
(WY)	2000	2000	1999	1998	1998	1998	1998	1998	2001	1997	2000	2000
MIN	7.11	11.7	6.57	13.4	11.5	17.8	12.9	9.81	5.70	5.75	7.26	12.8
(WY)	2000	1999	2000	2000	2000	2000	2001	2000	2000	1996	2001	2001

SUMMARY STATISTICS

WATER YEARS 1996 - 2001

ANNUAL MEAN	13.9
HIGHEST ANNUAL MEAN	13.9
LOWEST ANNUAL MEAN	13.9
HIGHEST DAILY MEAN	657 Jun 17 1998
LOWEST DAILY MEAN	1.5 Nov 16 1999
ANNUAL SEVEN-DAY MINIMUM	1.5 Nov 16 1999
ANNUAL RUNOFF (CFSM)	2.09
ANNUAL RUNOFF (INCHES)	28.38
10 PERCENT EXCEEDS	49
50 PERCENT EXCEEDS	8.4
90 PERCENT EXCEEDS	3.3

STATISTICS COMPUTED BY: gabailey

DATE: 04/01/2002 AT: 11:57:49

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	---	3.99	3.76	5.77	3.83	4.12	3.93
2	---	---	---	---	---	---	3.95	3.75	4.36	3.77	3.99	3.97
3	---	---	---	---	---	---	5.17	3.75	4.32	3.91	3.95	4.55
4	---	---	---	---	---	---	4.24	3.74	4.09	4.61	3.96	4.40
5	---	---	---	---	---	---	4.16	3.74	3.99	4.29	4.02	4.04
6	---	---	---	---	---	---	4.03	3.75	4.00	3.87	3.97	3.95
7	---	---	---	---	---	---	3.97	3.75	3.88	3.80	3.97	3.92
8	---	---	---	---	---	---	3.95	3.75	4.03	3.77	3.94	3.90
9	---	---	---	---	---	---	3.92	3.75	3.89	3.82	4.10	3.89
10	---	---	---	---	---	---	3.91	3.75	3.83	3.84	4.01	3.89
11	---	---	---	---	---	---	3.90	4.24	3.81	3.76	3.98	3.88
12	---	---	---	---	---	---	3.88	4.00	3.90	3.74	4.33	3.87
13	---	---	---	---	---	---	3.95	3.83	3.86	3.73	4.52	3.86
14	---	---	---	---	---	---	3.89	3.76	3.80	3.74	4.09	3.86
15	---	---	---	---	---	---	4.45	3.74	3.79	3.72	4.01	3.85
16	---	---	---	---	---	---	3.97	3.73	3.78	3.72	3.99	3.85
17	---	---	---	---	---	---	3.90	3.75	3.76	3.72	3.95	3.85
18	---	---	---	---	---	---	3.86	3.79	3.75	3.71	3.93	3.85
19	---	---	---	---	---	---	3.84	4.65	3.75	3.71	3.92	4.01
20	---	---	---	---	---	---	3.83	4.08	3.75	3.71	3.90	3.95
21	---	---	---	---	---	---	3.83	3.87	3.75	3.72	3.89	3.88
22	---	---	---	---	---	---	3.82	3.97	4.42	3.70	3.88	3.86
23	---	---	---	---	---	3.98	3.82	3.85	3.97	3.70	3.87	3.91
24	---	---	---	---	---	3.96	3.88	3.82	3.83	3.74	3.87	5.53
25	---	---	---	---	---	3.94	3.92	3.96	3.79	5.44	3.86	4.19
26	---	---	---	---	---	3.91	3.80	3.82	3.78	4.26	3.86	3.98
27	---	---	---	---	---	3.90	3.78	3.78	3.76	4.05	3.86	3.91
28	---	---	---	---	---	3.89	3.77	4.17	3.76	3.97	3.86	3.88
29	---	---	---	---	---	5.01	3.76	4.99	3.75	4.46	3.89	3.86
30	---	---	---	---	---	4.24	3.76	3.88	3.82	4.35	3.90	3.85
31	---	---	---	---	---	4.05	---	3.81	---	4.93	3.88	---
MEAN	---	---	---	---	---	---	3.96	3.90	3.96	3.97	3.98	4.00
MAX	---	---	---	---	---	---	5.17	4.99	5.77	5.44	4.52	5.53
MIN	---	---	---	---	---	---	3.76	3.73	3.75	3.70	3.86	3.85

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

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	---	---	---	---	---	---	.01	.00	1.91	.09	.01	.05
2	---	---	---	---	---	---	.00	.00	.01	.05	.00	.14
3	---	---	---	---	---	---	1.15	.00	.57	.22	.00	1.28
4	---	---	---	---	---	---	.03	.00	.01	1.22	.30	.08
5	---	---	---	---	---	---	.09	.00	.00	.01	.03	.00
6	---	---	---	---	---	---	.04	.00	.63	.01	.09	.00
7	---	---	---	---	---	---	.00	.00	.05	.00	.00	.00
8	---	---	---	---	---	---	.00	.00	.28	.00	.00	.00
9	---	---	---	---	---	---	.00	.13	.00	.09	.77	.00
10	---	---	---	---	---	---	.00	.01	.00	.00	.00	.00
11	---	---	---	---	---	---	.00	1.53	.00	.00	.19	---
12	---	---	---	---	---	---	.00	.04	.15	.00	.29	---
13	---	---	---	---	---	---	.16	.00	.00	.00	.19	.00
14	---	---	---	---	---	---	.00	.00	.01	.00	.00	.00
15	---	---	---	---	---	---	.68	.00	.03	.00	.00	.00
16	---	---	---	---	---	---	.00	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	.00	.00	.00	.00	.00	.00
18	---	---	---	---	---	---	.00	.00	.00	.00	.01	.00
19	---	---	---	---	---	---	.00	1.16	.00	.00	.01	.43
20	---	---	---	---	---	---	.00	.09	.00	.02	.00	.00
21	---	---	---	---	---	---	.00	.01	.00	.00	.00	.00
22	---	---	---	---	---	---	.00	.18	.50	.00	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.19
24	---	---	---	---	---	.04	.15	.07	.00	.02	.00	1.94
25	---	---	---	---	---	.00	.03	.17	.02	2.20	.00	.00
26	---	---	---	---	---	.00	.00	.00	.01	.01	.00	.00
27	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
28	---	---	---	---	---	.00	.00	.94	.00	.02	.00	.00
29	---	---	---	---	---	1.11	.00	.73	.00	.91	.11	.00
30	---	---	---	---	---	.00	.00	.00	.13	.24	.04	.00
31	---	---	---	---	---	.00	---	.18	---	.78	.12	---
TOTAL	---	---	---	---	---	---	2.34	5.24	4.31	5.89	2.16	---

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335350 CROOKED CREEK NEAR NORCROSS, GA**

**LOCATION.**—Lat 33°57'54", Long 84°15'54", Gwinnett County, Hydrologic unit 03070103, 20 feet upstream of the bridge on Spalding drive, 3.2 miles northwest of Norcross, 0.6 miles upstream of the Chattahoochee River.

**DRAINAGE AREA.**—6.66 mi<sup>2</sup>.

**COOPERATION.**—Gwinnett County Department of Public Utilities.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** March 22, 2001 to September 30, 2001.

**WATER TEMPERATURE:** February 122, 2001 to September 30, 2001.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 249 microsiemens, July 17; minimum recorded, 24 microsiemens, September 3.

**WATER TEMPERATURE:** Maximum recorded, 28.5°C, July 12; minimum recorded, 7.5°C, March 27, 28.

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

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 02335350 CROOKED CREEK NEAR NORCROSS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
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	---	---	---	---	---	---	114	39	94	113	33	94

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
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	---	---	---



STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
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  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
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	---	---	---	---	---	---	22.9	10.2	16.6	25.3	15.5	19.7

STATION NUMBER 02335350 CROOKED CREEK NEAR NORCROSS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 335754 LONGITUDE 0841554 DRAINAGE AREA 6.66 DATUM STATE 13 COUNTY 135

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
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	---	---	---

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335350 CROOKED CREEK NEAR NORCROSS, GA**

**LOCATION.** -- Lat 33°57'54", long 84°15'54", Gwinnett County, Hydrologic Unit 03130001, 20 feet upstream of the bridge on Spalding drive, 3.2 miles northwest of Norcross, GA, and 0.6 miles upstream from the Chattahoochee River.

**DRAINAGE AREA.** -- 6.66 mi<sup>2</sup>

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**-- March 1, 2001 to September 30, 2001.

**REMARKS.**-- Laboratory analyses are by the U.S. Geological Survey, Florida District Water-Quality Laboratory, Ocala, Florida. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	TUR-BID-ITY (NTU) (00076)	FIELD WATER UNFLTRD (NTU) (61028)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER FIELD (STAND-ARD UNITS) (00400)	PH WATER WHOLE (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
MAR													
02-03	1800	36	--	--	--	7.4	7.1	92	88	--	--	28	8.3
MAR													
12-12	1000	190	--	--	--	6.7	--	63	62	--	--	--	--
MAR													
12-12	1630	370	--	--	--	7.1	--	36	21	--	--	11	3.3
APR													
03...	0800	14	--	--	--	7.1	7.7	104	99	--	--	33	9.6
19...	0730	14	--	10.2	93	6.4	7.4	105	106	5.5	10.3	34	10.0
24...	0735	4.9	--	--	--	--	7.3	110	108	--	--	35	10.0
APR													
24-25	1900	20	--	--	--	7.2	6.9	104	102	--	--	33	9.6
JUL													
03-04	2035	260	--	--	--	6.3	7.0	57	55	--	--	17	5.2
17...	0920	9.8	10	7.3	85	6.5	7.8	237	238	--	21.3	38	11.0
AUG													
22...	0852	12	13	7.7	88	7.0	7.8	106	103	24.0	20.4	32	9.5
SEP													
24-24	0600	2100	--	--	--	--	6.1	32	--	--	--	6	1.8

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335350 CROOKED CREEK NEAR NORCROSS, GA-- Continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	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)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (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)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)
MAR 02-03	8.2	1.70	1.90	32	67	.45	.37	.82	<.020	.050	--	<.50	<.50
MAR 12-12	6.0	1.10	1.80	350	39	1.1	.40	1.5	.030	.230	4.5	<.50	<.50
MAR 12-12	4.3	.600	2.00	690	21	1.3	.28	1.6	<.020	.300	3.3	<.50	<.50
APR 03...	--	2.30	2.20	16	66	<.20	.28	--	<.020	<.020	.9	<.50	<.50
APR 19...	--	2.30	--	3	75	.22	.28	.50	<.020	<.020	.8	<.50	<.50
APR 24...	--	2.40	--	4	71	.21	.28	.49	<.020	<.020	.6	<.50	<.50
APR 24-25	--	2.20	--	41	82	.66	.43	1.1	<.020	.080	6.1	<.50	<.50
JUL 03-04	--	1.00	--	580	40	1.4	.45	1.8	<.020	.290	--	<.50	<.50
JUL 17...	--	2.50	--	4	136	.34	.27	.61	<.020	.020	.8	<.50	<.50
AUG 22...	--	2.10	--	6	73	<.20	.28	--	<.020	<.020	.8	<.50	<.50
SEP 24-24	--	.360	--	3120	14	3.0	.33	3.3	<.020	.820	3.5	<.50	.90

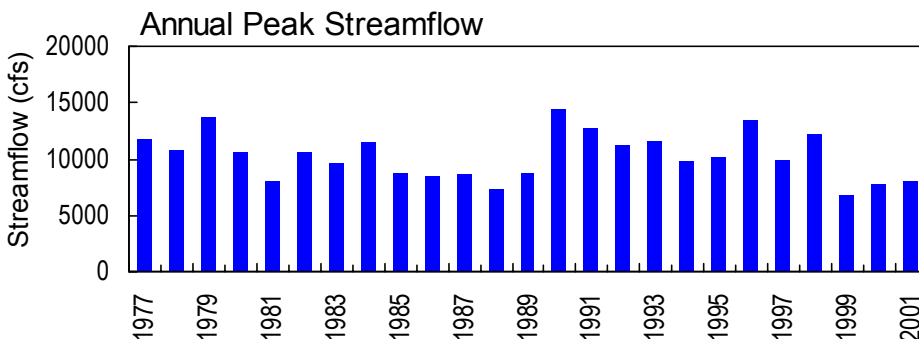
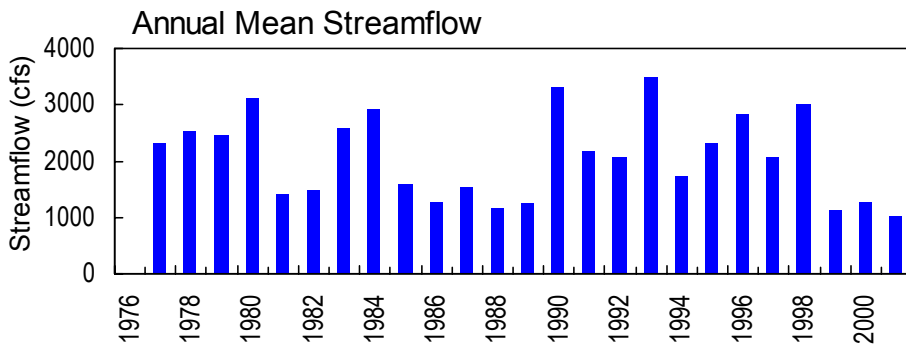
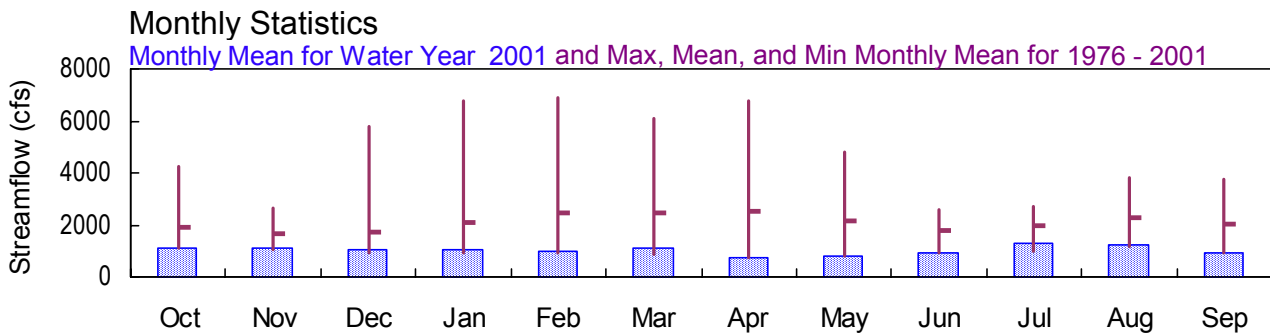
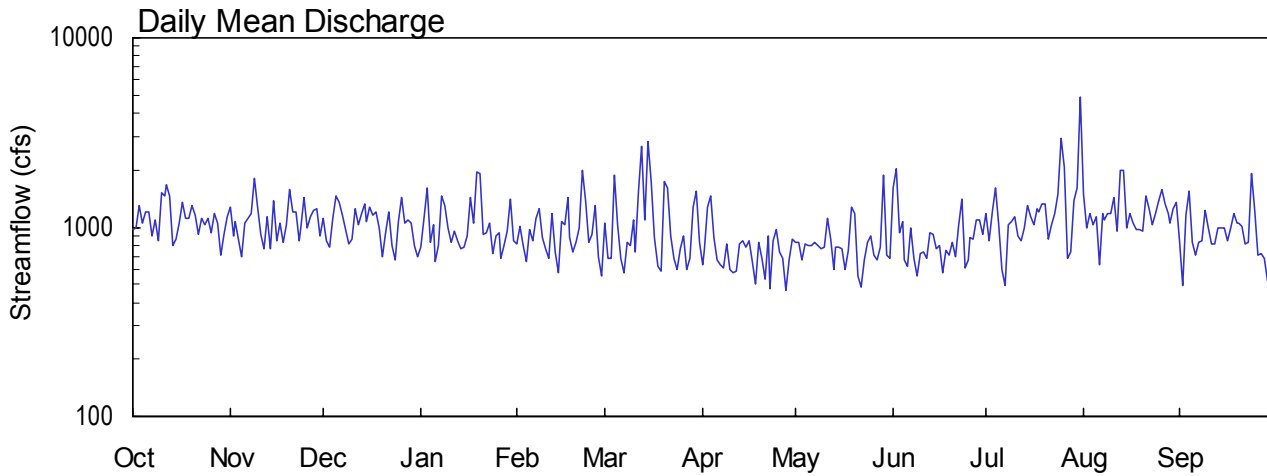
DATE	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, DIS- SOLVED (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)
MAR 02-03	<1.0	1.0	<2.0	3.7	<2.00	<2.0	160	220	13	25
MAR 12-12	<1.0	4.0	<2.0	8.3	<2.00	10	87.0	470	10	64
MAR 12-12	<1.0	7.3	2.2	14.0	<2.00	19	76.0	570	8.0	90
APR 03...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	260	260	10	11
APR 19...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	290	300	7.0	8.0
APR 24...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	260	260	6.0	6.0
APR 24-25	<1.0	1.5	<2.0	<2.0	<2.00	<2.0	160	480	17	31
JUL 03-04	<1.0	13	<2.0	19.0	<2.00	20	46.0	1100	9.0	150
JUL 17...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	210	220	3.0	4.0
AUG 22...	<1.0	<1.0	<2.0	<2.0	<2.00	<2.0	280	280	3.0	5.0
SEP 24-24	<1.0	37	<2.0	56.0	<2.00	76	121	2520	4.4	322

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GA

Latitude: 33° 59' 09" Longitude: 84° 18' 58" Hydrologic Unit Code: 03130001 Fulton County  
 Drainage Area: 1220 mi<sup>2</sup> Datum: 858.0 feet Period of Record: 1976 - 2001



**APALACHICOLA RIVER BASIN**  
**2001 Water Year**

**02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GA**

**LOCATION.**--Lat 33°59'09", long 84°18'58", 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 Highway 400, 3.6 miles southeast of Roswell, and at mile 320.6.

**DRAINAGE AREA.**--1,220 mi<sup>2</sup>, 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 sea level. 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. Average discharge adjusted for storage was published in records prior to October 1, 1999.

**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 sea level. 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, 7.44 feet, July 31; minimum gage-height recorded, 2.38 feet, May 15-16.

STATION NUMBER 02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335909 LONGITUDE 0841858 DRAINAGE AREA 1220.00 DATUM 858.01 STATE 13 COUNTY 121

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	973	1280	1110	792	821	1060	631	836	1610	1170	1500	852
2	1000	902	851	1120	1010	690	757	835	2030	855	989	488
3	1310	1070	788	1610	796	682	1280	675	926	1210	1180	1160
4	1040	865	1110	834	662	1880	1460	817	1080	1600	1030	1550
5	1210	704	1470	1020	972	1030	873	805	671	1030	1140	835
6	1210	1050	1340	661	844	679	674	796	623	599	634	713
7	905	1110	1160	806	1120	577	631	836	982	488	1170	833
8	1100	1190	968	1450	1260	837	610	795	680	1030	1090	855
9	847	1800	809	1310	874	794	814	763	554	1070	1180	1230
10	1510	1270	860	997	775	1090	598	777	721	1140	1180	997
11	1460	911	1260	831	679	743	575	1110	735	897	1420	815
12	1660	770	1020	949	1170	1520	583	863	685	852	951	816
13	1450	1130	1190	844	735	2680	816	592	943	1000	2000	987
14	800	772	1320	773	573	1100	841	782	912	1290	1990	1000
15	864	1370	1080	783	1070	2830	780	788	771	1140	985	1000
16	1050	847	1280	900	1030	1740	854	768	802	1020	1170	844
17	1350	1050	1160	1430	1440	879	664	595	575	1240	1040	983
18	1120	825	1210	1050	873	618	503	753	758	1200	976	1180
19	1120	1020	985	1970	738	587	827	1270	705	1320	976	1040
20	1290	1570	696	1920	834	1730	686	1190	832	1330	945	1060
21	1150	1200	941	915	996	1620	533	554	704	865	1450	1010
22	913	1210	1210	934	1990	892	898	486	1030	1020	1260	809
23	1110	850	802	1050	1370	680	476	669	1400	1190	1030	834
24	1030	991	672	726	831	596	852	830	604	1480	1190	1920
25	1120	1440	1070	891	913	766	968	895	676	2940	1380	1220
26	938	991	1440	942	1310	901	742	706	878	2090	1570	710
27	1180	1140	1060	685	699	601	685	666	860	678	1320	732
28	1060	1220	1100	796	551	685	464	780	1100	739	1180	686
29	715	1250	1060	949	---	1270	676	1870	1100	1390	1060	525
30	921	904	806	1400	---	1540	870	708	920	1610	1260	680
31	1130	---	696	844	---	825	---	687	---	4910	1350	---
TOTAL	34536	32702	32524	32182	26936	34122	22621	25497	26867	40393	37596	28364
MEAN	1114	1090	1049	1038	962	1101	754	822	896	1303	1213	945
MAX	1660	1800	1470	1970	1990	2830	1460	1870	2030	4910	2000	1920
MIN	715	704	672	661	551	577	464	486	554	488	634	488
CFSM	.91	.89	.86	.85	.79	.90	.62	.67	.73	1.07	.99	.77
IN.	1.05	1.00	.99	.98	.82	1.04	.69	.78	.82	1.23	1.15	.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2001, BY WATER YEAR (WY)

	1908	1675	1714	2093	2431	2483	2533	2178	1790	1954	2255	2048
MEAN	1908	1675	1714	2093	2431	2483	2533	2178	1790	1954	2255	2048
MAX	4239	2659	5797	6797	6872	6114	6784	4778	2563	2688	3844	3742
(WY)	1992	1990	1993	1993	1996	1990	1984	1997	1992	1994	1991	1991
MIN	1106	1050	940	909	950	874	754	815	896	993	1145	945
(WY)	1989	1989	1989	1989	1986	1989	2001	1989	2001	1999	1999	2001

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1976 - 2001

ANNUAL TOTAL	465984	374340	
ANNUAL MEAN	1273	1026	2086
HIGHEST ANNUAL MEAN			3485
LOWEST ANNUAL MEAN			1026
HIGHEST DAILY MEAN	4110	Sep 1	4910 Jul 31
LOWEST DAILY MEAN	571	Feb 12	464 Apr 28
ANNUAL SEVEN-DAY MINIMUM	812	Mar 1	641 Apr 6
MAXIMUM PEAK FLOW			8060 Jul 31
MAXIMUM PEAK STAGE			7.44 Jul 31
ANNUAL RUNOFF (CFSM)	1.04		.84
ANNUAL RUNOFF (INCHES)	14.21		11.41
10 PERCENT EXCEEDS	2100		1450
50 PERCENT EXCEEDS	1110		949
90 PERCENT EXCEEDS	763		672

STATISTICS COMPUTED BY: agotvald

DATE: 11/19/2001 AT: 11:55:46



STATION NUMBER 02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335909 LONGITUDE 0841858 DRAINAGE AREA 1220.00 DATUM 858.01 STATE 13 COUNTY 121

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

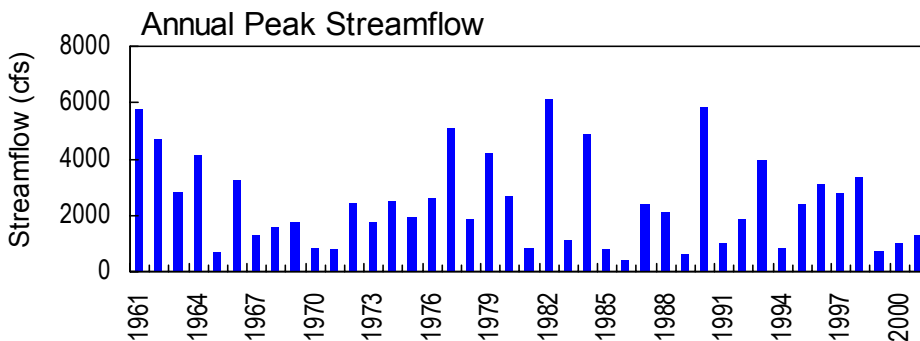
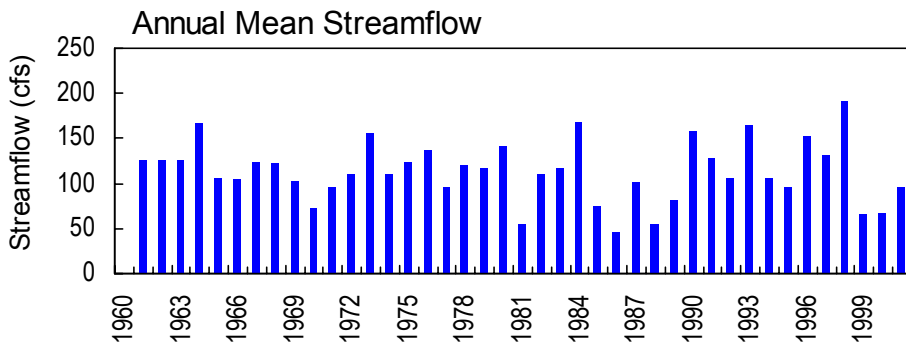
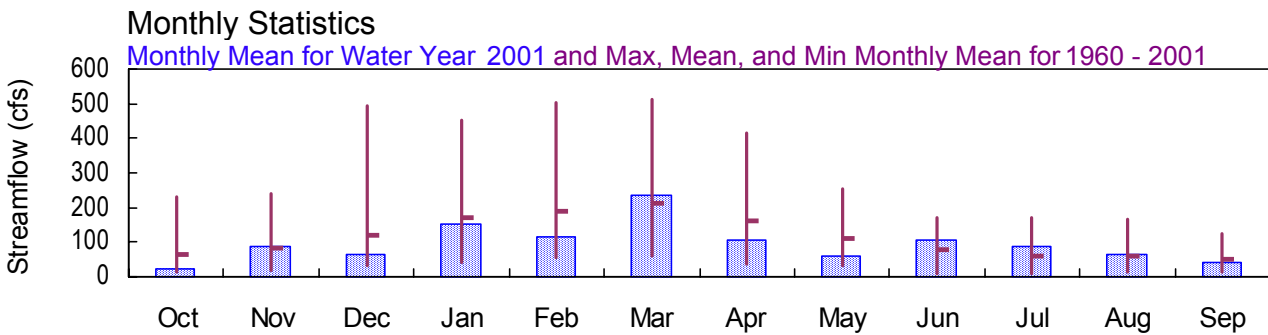
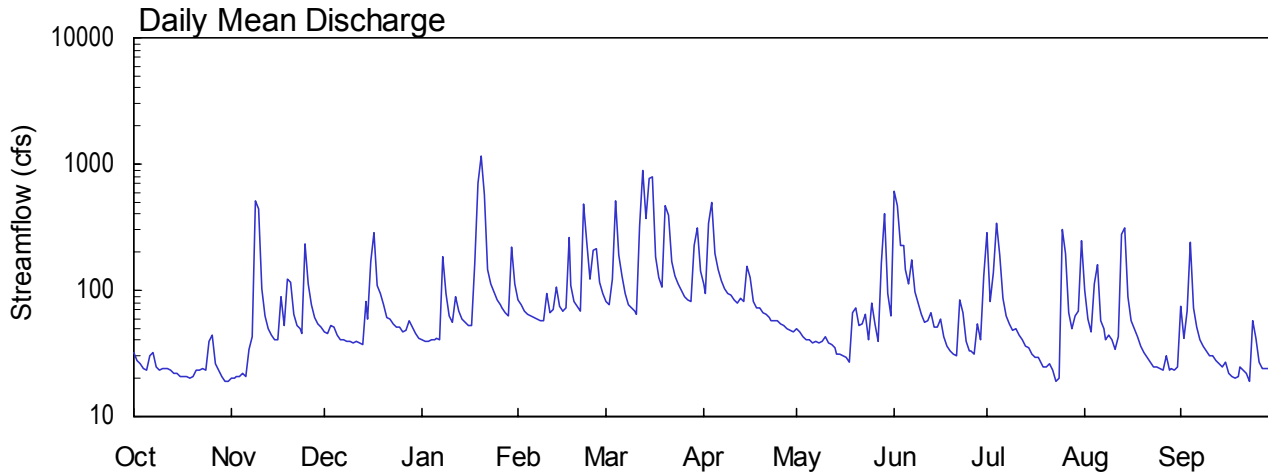
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.16	3.45	3.29	2.97	3.00	3.24	2.79	3.00	3.67	3.37	3.61	3.02
2	3.18	3.10	3.04	3.30	3.20	2.85	2.93	3.00	4.10	3.05	3.15	2.60
3	3.46	3.26	2.97	3.73	2.98	2.84	3.43	2.84	3.12	3.39	3.30	3.33
4	3.23	3.05	3.28	3.02	2.82	3.99	3.63	2.98	3.28	3.74	3.18	3.68
5	3.39	2.88	3.60	3.20	3.14	3.22	3.07	2.96	2.84	3.22	3.30	3.01
6	3.39	3.24	3.50	2.82	3.02	2.85	2.84	2.95	2.77	2.75	2.79	2.88
7	3.10	3.30	3.35	2.96	3.31	2.72	2.79	3.01	3.17	2.60	3.32	3.00
8	3.28	3.37	3.16	3.61	3.44	2.99	2.76	2.95	2.85	3.20	3.24	3.02
9	3.03	3.91	3.00	3.47	3.06	2.97	3.00	2.92	2.69	3.23	3.32	3.37
10	3.66	3.45	3.05	3.18	2.96	3.21	2.75	2.93	2.89	3.28	3.32	3.15
11	3.58	3.10	3.42	3.01	2.85	2.89	2.72	3.28	2.90	3.07	3.50	2.97
12	3.79	2.95	3.21	3.14	3.30	3.47	2.73	3.03	2.85	3.02	3.12	2.96
13	3.62	3.32	3.37	3.03	2.91	4.55	2.99	2.72	3.12	3.16	4.08	3.13
14	2.98	2.96	3.49	2.95	2.71	3.29	3.00	2.93	3.08	3.43	4.06	3.14
15	3.06	3.54	3.27	2.96	3.26	4.62	2.95	2.94	2.94	3.26	3.17	3.15
16	3.24	3.03	3.47	3.09	3.20	3.86	3.04	2.92	2.98	3.17	3.32	2.99
17	3.50	3.25	3.36	3.60	3.61	3.07	2.83	2.73	2.72	3.37	3.19	3.13
18	3.31	3.01	3.38	3.23	3.07	2.77	2.62	2.91	2.93	3.34	3.12	3.34
19	3.31	3.21	3.18	4.01	2.92	2.73	3.01	3.45	2.87	3.43	3.12	3.22
20	3.48	3.73	2.86	4.01	3.01	3.82	2.85	3.37	3.00	3.48	3.08	3.23
21	3.33	3.38	3.10	3.11	3.17	3.76	2.66	2.69	2.87	2.99	3.55	3.19
22	3.10	3.39	3.37	3.12	4.04	3.08	3.07	2.60	3.23	3.17	3.37	2.99
23	3.29	3.04	2.97	3.23	3.54	2.85	2.58	2.82	3.55	3.30	3.19	3.02
24	3.21	3.16	2.83	2.90	3.02	2.74	3.03	2.99	2.75	3.59	3.33	4.07
25	3.31	3.61	3.26	3.06	3.10	2.94	3.14	3.07	2.83	4.75	3.49	3.54
26	3.13	3.19	3.61	3.11	3.49	3.09	2.89	2.87	3.04	4.12	3.65	3.02
27	3.36	3.31	3.24	2.84	2.86	2.75	2.85	2.82	3.02	2.84	3.41	3.04
28	3.24	3.40	3.27	2.95	2.69	2.83	2.57	2.96	3.29	2.90	3.32	2.98
29	2.89	3.42	3.23	3.12	---	3.37	2.83	3.94	3.27	3.53	3.20	2.79
30	3.11	3.10	2.98	3.57	---	3.70	3.04	2.88	3.10	3.71	3.37	2.98
31	3.31	---	2.86	3.03	---	3.01	---	2.84	---	5.86	3.45	---

# APALACHICOLA RIVER BASIN

2001 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<sup>2</sup> Datum: 960.8 feet Period of Record: 1960 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335700 BIG CREEK NEAR ALPHARETTA, GA**

**LOCATION.**--Lat 34°03'02", long 84°16'10", 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 mi<sup>2</sup>, 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 sea level (levels by U.S. Soil Conservation Service).

**REMARKS.**--Records good.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 800 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Nov. 9	1345	821	7.04
Jan. 20	2100	1,280*	8.44*
Mar. 13	2200	912	7.36
Mar. 16	1030	960	7.52
June 1	1700	846	7.13

**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 sea level (levels by U.S. Soil Conservation Service).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 8.44 feet, January 20; minimum gage-height recorded, 1.37 feet, July 24.

STATION NUMBER 02335700 BIG CREEK NEAR ALPHARETTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340302 LONGITUDE 0841610 DRAINAGE AREA 72.00 DATUM 960.80 STATE 13 COUNTY 121

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	32	20	47	41	85	82	112	49	609	287	101	74
2	28	20	46	39	77	78	95	47	465	81	59	42
3	26	21	53	39	69	124	343	43	226	137	47	68
4	24	21	51	40	65	516	494	40	227	345	112	237
5	23	22	44	41	62	188	194	40	148	188	161	73
6	30	21	41	42	61	131	145	38	112	86	57	51
7	32	34	40	41	59	94	118	39	174	63	49	41
8	25	43	39	183	58	78	103	38	98	54	41	36
9	23	517	39	93	57	73	95	39	79	48	44	33
10	24	437	38	63	95	69	91	43	64	50	40	30
11	24	102	39	56	66	65	84	38	56	44	34	30
12	24	63	38	90	70	321	79	37	57	40	43	28
13	23	50	37	69	105	878	87	35	67	36	281	26
14	22	44	82	59	75	371	82	31	51	35	310	25
15	22	40	60	56	68	765	155	31	51	31	88	27
16	21	40	167	53	73	782	126	30	60	29	57	22
17	21	88	285	52	261	187	82	29	43	29	49	21
18	21	53	110	166	109	127	72	27	36	28	43	20
19	20	121	94	706	82	107	73	67	33	25	36	21
20	21	116	76	1160	74	465	66	73	31	25	32	25
21	23	64	61	572	69	399	64	52	30	26	29	23
22	23	53	60	146	477	170	61	55	84	23	27	22
23	24	49	54	112	240	131	57	65	66	19	25	19
24	23	45	51	96	122	113	57	41	39	20	25	58
25	39	233	51	84	205	101	58	80	33	304	24	42
26	44	114	47	76	214	88	54	55	33	195	23	27
27	26	76	48	72	116	84	52	39	31	66	30	24
28	23	61	57	67	95	81	50	162	55	49	23	24
29	21	54	51	63	---	223	48	408	41	63	24	24
30	19	51	46	221	---	308	47	95	129	68	23	26
31	19	---	42	113	---	143	---	63	---	248	25	---
TOTAL	770	2673	1994	4711	3209	7342	3244	1929	3228	2742	1962	1219
MEAN	24.8	89.1	64.3	152	115	237	108	62.2	108	88.5	63.3	40.6
MAX	44	517	285	1160	477	878	494	408	609	345	310	237
MIN	19	20	37	39	57	65	47	27	30	19	23	19
CFSM	.34	1.24	.89	2.11	1.59	3.29	1.50	.86	1.49	1.23	.88	.56
IN.	.40	1.38	1.03	2.43	1.66	3.79	1.68	1.00	1.67	1.42	1.01	.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2001, BY WATER YEAR (WY)

MEAN	66.4	81.1	120	172	188	214	162	111	79.3	62.0	58.3	48.8
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	12.3	11.9
(WY)	1982	1982	1989	1981	1986	1988	1986	1988	1988	1986	1986	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1960 - 2001

ANNUAL TOTAL	24972.6	35023										
ANNUAL MEAN	68.2	96.0								114		
HIGHEST ANNUAL MEAN										192		1998
LOWEST ANNUAL MEAN										45.5		1986
HIGHEST DAILY MEAN	840	Mar 20				1160	Jan 20		4480		Feb 3	1982
LOWEST DAILY MEAN	8.2	Jun 25				19	Oct 30		1.7		Jul 22	1986
ANNUAL SEVEN-DAY MINIMUM	9.6	Jul 18				20	Oct 29		2.3		Jul 15	1988
MAXIMUM PEAK FLOW						1280	Jan 20		6100		Feb 3	1982
MAXIMUM PEAK STAGE						8.44	Jan 20		13.05		Feb 3	1982
ANNUAL RUNOFF (CFSM)	.95					1.33			1.58			
ANNUAL RUNOFF (INCHES)	12.90					18.10			21.43			
10 PERCENT EXCEEDS	119					209			201			
50 PERCENT EXCEEDS	44					55			69			
90 PERCENT EXCEEDS	13					24			25			

STATISTICS COMPUTED BY: agotvald

DATE: 10/18/2001 AT: 10:16:28

STATION NUMBER 02335700 BIG CREEK NEAR ALPHARETTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340302 LONGITUDE 0841610 DRAINAGE AREA 72.00 DATUM 960.80 STATE 13 COUNTY 121

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	1.73	1.53	2.00	1.89	2.48	2.45	2.79	1.94	5.87	4.17	2.64	2.30
2	1.67	1.54	1.97	1.87	2.37	2.39	2.60	1.91	5.26	2.40	2.08	1.81
3	1.63	1.55	2.09	1.86	2.27	2.87	4.36	1.86	3.66	2.80	1.88	2.10
4	1.61	1.54	2.07	1.88	2.20	5.64	5.51	1.81	3.78	4.63	2.37	3.86
5	1.58	1.57	1.94	1.90	2.15	3.51	3.57	1.80	3.15	3.49	3.12	2.29
6	1.71	1.54	1.90	1.92	2.15	2.98	3.13	1.77	2.77	2.47	2.06	1.95
7	1.74	1.77	1.88	1.89	2.12	2.59	2.85	1.79	3.36	2.14	1.93	1.79
8	1.62	1.93	1.86	3.42	2.09	2.39	2.70	1.76	2.63	2.00	1.79	1.70
9	1.58	5.40	1.85	2.62	2.08	2.33	2.60	1.79	2.40	1.91	1.83	1.64
10	1.60	5.07	1.85	2.26	2.59	2.26	2.54	1.86	2.19	1.94	1.76	1.60
11	1.60	2.72	1.86	2.14	2.22	2.21	2.47	1.76	2.06	1.84	1.66	1.59
12	1.59	2.24	1.85	2.59	2.26	3.90	2.40	1.74	2.07	1.77	1.79	1.56
13	1.58	2.05	1.83	2.34	2.71	7.24	2.50	1.72	2.23	1.71	4.20	1.53
14	1.57	1.95	2.48	2.19	2.35	4.61	2.44	1.65	1.99	1.68	4.38	1.50
15	1.56	1.87	2.21	2.15	2.26	6.64	3.16	1.64	1.98	1.62	2.49	1.55
16	1.54	1.88	3.30	2.09	2.30	6.77	2.92	1.63	2.12	1.59	2.05	1.46
17	1.55	2.56	4.26	2.09	4.07	3.51	2.44	1.61	1.85	1.58	1.91	1.44
18	1.54	2.09	2.80	3.15	2.75	2.95	2.31	1.58	1.74	1.56	1.81	1.42
19	1.54	2.86	2.64	6.42	2.45	2.74	2.32	2.13	1.68	1.50	1.69	1.43
20	1.55	2.85	2.43	8.14	2.33	5.22	2.22	2.32	1.65	1.51	1.64	1.50
21	1.58	2.27	2.22	5.55	2.27	4.93	2.19	2.00	1.63	1.53	1.58	1.47
22	1.58	2.10	2.22	3.13	5.17	3.36	2.14	2.04	2.30	1.47	1.54	1.45
23	1.60	2.02	2.11	2.79	3.89	2.98	2.09	2.19	2.20	1.41	1.51	1.41
24	1.59	1.96	2.06	2.61	2.90	2.80	2.08	1.81	1.77	1.41	1.50	2.05
25	1.80	3.87	2.06	2.47	3.55	2.67	2.09	2.40	1.68	4.15	1.49	1.80
26	1.94	2.85	2.00	2.36	3.70	2.52	2.03	2.05	1.67	3.48	1.47	1.55
27	1.63	2.42	2.01	2.32	2.83	2.47	2.01	1.77	1.64	2.20	1.59	1.48
28	1.58	2.23	2.17	2.23	2.60	2.43	1.97	3.06	2.04	1.92	1.48	1.50
29	1.54	2.12	2.06	2.18	---	3.59	1.94	4.90	1.81	2.12	1.48	1.49
30	1.52	2.07	1.98	3.77	---	4.37	1.92	2.59	2.53	2.22	1.47	1.52
31	1.52	---	1.92	2.80	---	3.10	---	2.17	---	3.86	1.51	---
MEAN	1.61	2.35	2.19	2.81	2.68	3.56	2.61	2.03	2.46	2.26	1.99	1.72
MAX	1.94	5.40	4.26	8.14	5.17	7.24	5.51	4.90	5.87	4.63	4.38	3.86
MIN	1.52	1.53	1.83	1.86	2.08	2.21	1.92	1.58	1.63	1.41	1.47	1.41

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335810 CHATTAHOOCHEE RIVER AT MORGAN FALLS DAM, AT SANDY SPRINGS, GA**

**LOCATION.**--Lat 33°58'06", long 84°22'58", 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<sup>2</sup>, 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.**--Phone telemetry with a water-stage recorder. Datum of gage is 843.5 feet above sea level (leveling by Global Positioning System equipment); gage readings have been reduced to elevations above sea level.

**REMARKS.**--Records good. Flow regulated by Lake Sidney Lanier since January 1956.

**EXTREMES FOR PERIOD OF RECORD.**--Maximum gage-height recorded, 854.06 feet, February 16, 1995; minimum gage-height recorded, 845.08 feet, November 9, 1989.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 853.76 feet, May 29; minimum gage-height recorded, 847.59 feet, August 19.

STATION NUMBER 02335810 CHATTAHOOCHEE RIVER AT MORGAN FALLS DAM, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335806 LONGITUDE 0842258 DRAINAGE AREA 1370.00 DATUM 856.00 STATE 13 COUNTY 121

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

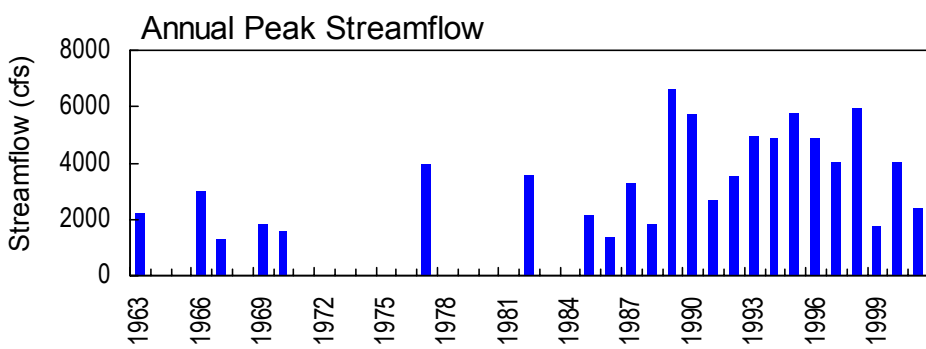
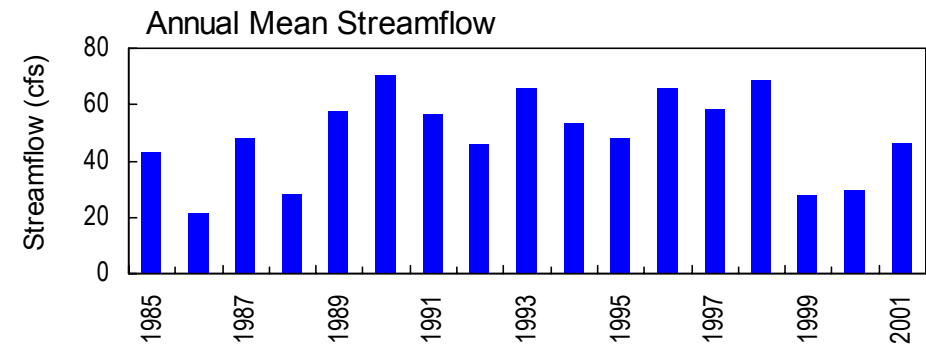
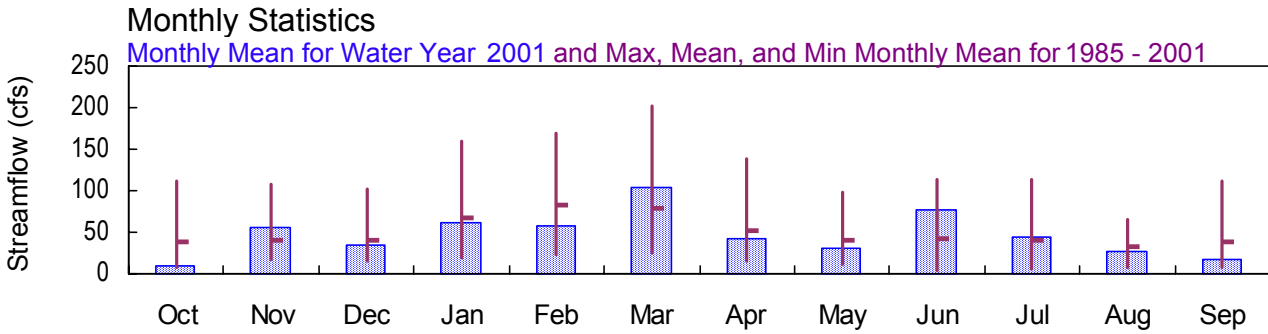
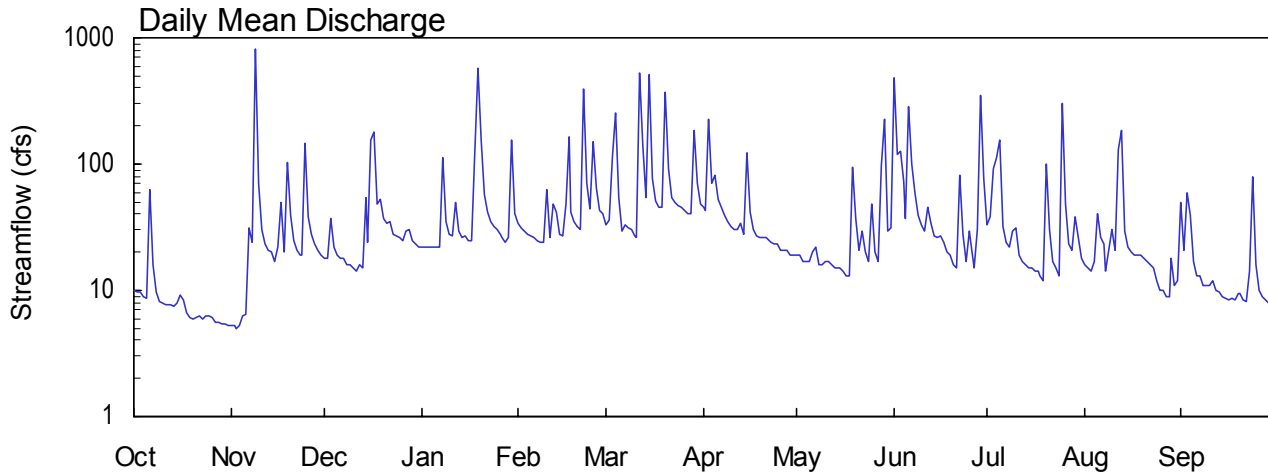
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	853.02	853.27	853.00	851.76	852.66	852.08	853.03	851.88	853.33	853.34	853.08	852.86
2	852.78	853.28	853.37	852.14	852.77	852.88	852.79	852.19	853.20	853.24	852.75	851.42
3	853.04	853.38	853.11	853.09	853.13	852.38	853.03	851.80	853.25	853.12	852.79	850.86
4	853.00	853.36	853.02	853.16	852.70	852.95	853.49	851.77	853.45	853.08	852.36	852.94
5	852.87	852.79	853.38	852.98	851.65	853.39	853.44	851.89	853.33	853.38	853.07	853.16
6	852.77	852.78	853.35	853.12	851.33	853.26	853.55	852.05	853.08	852.89	851.97	852.70
7	853.09	853.18	853.22	852.08	851.79	852.65	853.47	852.15	853.35	851.15	851.58	852.29
8	853.31	853.25	853.30	853.07	852.87	851.73	853.21	852.08	853.36	850.61	851.09	852.03
9	852.94	853.24	853.02	853.33	853.18	852.16	853.36	852.05	852.97	851.11	851.25	852.74
10	853.28	853.12	852.27	853.30	853.13	851.94	853.27	852.18	852.47	852.50	851.29	852.74
11	853.33	853.28	852.39	853.09	852.83	853.27	852.78	852.98	852.28	852.43	852.44	852.11
12	853.29	853.16	853.35	852.94	852.51	852.66	852.24	853.40	852.01	851.46	851.64	851.47
13	853.31	853.21	853.34	852.84	853.30	852.70	852.15	853.14	852.62	850.93	852.92	851.28
14	853.20	853.19	853.37	852.18	852.52	853.32	853.12	852.96	853.23	850.97	853.19	851.51
15	853.01	853.16	853.33	851.22	852.21	853.07	853.23	853.14	853.39	851.82	853.03	851.46
16	853.15	853.35	853.45	850.55	852.59	853.30	853.44	852.89	853.40	851.23	852.77	851.33
17	853.10	853.31	853.37	851.38	853.43	853.53	853.21	852.47	852.91	851.13	852.48	851.23
18	853.26	853.25	853.26	852.72	853.34	853.41	852.75	851.92	852.49	851.48	852.07	851.83
19	853.40	853.09	853.41	853.02	853.27	853.06	852.54	852.56	852.17	852.07	850.13	852.20
20	853.45	853.32	852.77	853.30	852.87	852.92	852.63	853.40	852.04	851.80	850.07	852.63
21	853.43	853.28	851.99	853.39	853.08	853.09	852.36	853.16	851.63	852.23	850.93	852.75
22	853.39	853.35	852.87	853.38	853.10	853.16	852.45	852.41	851.88	850.87	852.10	852.41
23	853.28	853.27	853.13	853.36	853.35	853.14	852.33	852.34	853.31	850.65	851.11	851.81
24	852.57	852.91	851.80	853.04	853.47	852.89	852.43	852.50	853.05	851.39	850.47	852.68
25	852.61	853.38	851.91	852.27	853.37	853.00	852.99	852.80	852.32	853.15	851.02	852.86
26	853.14	853.42	853.03	852.51	853.18	853.16	853.27	852.92	852.13	853.17	852.61	852.70
27	853.36	853.40	853.21	852.68	853.19	852.78	852.99	852.73	851.92	852.59	852.66	852.76
28	853.35	853.30	853.26	851.64	852.44	851.83	852.34	852.76	852.04	850.66	851.86	852.90
29	852.70	853.21	853.20	851.68	---	852.13	851.67	853.24	853.28	851.25	851.28	852.46
30	852.39	853.10	853.11	853.15	---	853.35	851.55	853.40	853.32	852.82	851.09	852.32
31	852.97	---	852.64	853.33	---	853.33	---	853.35	---	852.95	852.60	---
MEAN	853.09	853.22	853.01	852.64	852.83	852.86	852.84	852.60	852.77	851.98	851.93	852.21
MAX	853.45	853.42	853.45	853.39	853.47	853.53	853.55	853.40	853.45	853.38	853.19	853.16
MIN	852.39	852.78	851.80	850.55	851.33	851.73	851.55	851.77	851.63	850.61	850.07	850.86

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 881.4 feet Period of Record: 1985 - 2001





**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335870 SOPE CREEK NEAR MARIETTA, GA  
(National Water-Quality Assessment station)**

**LOCATION.**--Lat 33°57'14", long 84°26'36", 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<sup>2</sup>, 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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Nov. 9	1330	2,360*	10.62*
Dec. 17	0015	952	7.47
Jan. 19	1530	1,810	9.66
Feb. 22	0900	1,490	8.98
Mar. 4	0100	939	7.42
Mar. 12	1930	2,200	10.36
Mar. 15	0630	1,910	9.84
Mar. 20	1045	1,110	7.98
Jun. 1	0915	1,510	9.04
Jun. 6	1945	1,650	9.35
Jun. 29	0130	1,340	8.63
Jul. 5	0015	957	7.49
Jul. 25	0830	1,150	8.08
Aug. 12	2345	1,360	8.68

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 10.62 feet, November 9; minimum gage-height recorded, 1.65 feet, September 19, 22-23, 29-30.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--January 29, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02335870 SOPE CREEK NEAR MARIETTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335714 LONGITUDE 0842636 DRAINAGE AREA 29.20 DATUM 881.37 STATE 13 COUNTY 067

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	e10	5.3	18	22	34	e33	e45	19	486	33	16	49
2	e9.8	5.2	18	22	31	36	e43	19	119	38	15	21
3	e9.6	4.9	37	22	29	111	e225	17	125	91	14	59
4	9.0	5.3	22	22	e28	252	70	17	73	111	17	39
5	8.6	6.3	19	22	e27	55	81	17	37	154	40	17
6	63	6.5	18	22	e26	29	52	20	289	32	26	13
7	16	31	18	22	e25	33	e45	22	100	24	23	13
8	9.6	24	e16	112	e24	31	e39	16	60	22	14	11
9	8.2	814	e16	35	e24	30	e35	16	39	29	21	11
10	8.0	71	e15	28	e63	27	e32	17	33	31	30	11
11	7.8	30	e14	27	e26	26	e30	17	29	19	21	12
12	7.6	23	e16	50	e48	531	e30	16	46	17	129	10
13	7.6	21	15	29	42	142	34	15	34	16	184	9.7
14	7.4	20	55	26	28	55	28	15	27	15	29	9.0
15	7.9	e17	24	27	27	519	122	e15	26	15	22	8.6
16	9.1	e22	154	25	48	78	42	e14	27	e14	20	8.5
17	8.4	49	181	25	163	51	30	e13	e24	e14	19	8.6
18	6.7	20	48	123	42	45	27	e13	e20	e13	19	8.5
19	6.1	103	53	569	35	46	26	e95	e19	e12	19	9.3
20	5.9	39	37	154	32	372	26	37	e16	e100	18	9.3
21	6.1	25	34	58	30	92	26	21	e15	30	e17	8.4
22	6.2	21	35	42	395	55	25	29	e82	17	e16	8.1
23	6.0	e19	28	35	71	49	24	20	28	15	e15	14
24	6.2	e19	27	32	44	47	23	17	17	13	e12	80
25	6.2	144	26	30	152	e45	23	48	29	306	e10	16
26	6.1	38	25	e28	64	e43	21	20	23	e48	e10	9.9
27	5.6	28	29	e26	43	e41	21	17	15	e23	e9.0	8.9
28	5.6	23	30	e24	40	e41	21	97	30	21	e9.0	8.5
29	5.5	e21	25	e26	---	e183	19	223	355	38	e18	7.9
30	5.4	e19	23	155	---	71	19	29	78	26	11	7.7
31	5.3	---	22	41	---	e48	---	31	---	18	12	---
TOTAL	290.5	1674.5	1098	1881	1641	3217	1284	982	2301	1355	835.0	506.9
MEAN	9.37	55.8	35.4	60.7	58.6	104	42.8	31.7	76.7	43.7	26.9	16.9
MAX	63	814	181	569	395	531	225	223	486	306	184	80
MIN	5.3	4.9	14	22	24	26	19	13	15	12	9.0	7.7
CFSM	.32	1.91	1.21	2.08	2.01	3.55	1.47	1.08	2.63	1.50	.92	.58
IN.	.37	2.13	1.40	2.40	2.09	4.10	1.64	1.25	2.93	1.73	1.06	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2001, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	38.4	40.9	40.2	67.6	83.2	79.2	51.7	39.8	41.8	39.7	33.2	38.0					
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	17.8	14.6	18.5	23.2	25.1	16.0	12.3	4.65	4.89	8.52	7.30					
(WY)	1988	1989	1989	1986	1986	1988	1986	2000	1988	1986	1999	1999					

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1985 - 2001

ANNUAL TOTAL	11902.2	17065.9															
ANNUAL MEAN	32.5	46.8								49.3							
HIGHEST ANNUAL MEAN										70.5							1990
LOWEST ANNUAL MEAN										21.8							1986
HIGHEST DAILY MEAN	1130	Sep 1				814	Nov 9			2530			Feb 16				1995
LOWEST DAILY MEAN	1.0	Aug 18				4.9	Nov 3			.79			Jul 20				1988
ANNUAL SEVEN-DAY MINIMUM	1.2	Aug 14				5.3	Oct 29			1.2			Aug 14				2000
MAXIMUM PEAK FLOW						2360	Nov 9			6630			Sep 30				1989
MAXIMUM PEAK STAGE						10.62	Mar 9			16.22			Sep 30				1989
INSTANTANEOUS LOW FLOW										.61			Jul 21				1988
ANNUAL RUNOFF (CFSM)	1.11					1.60				1.69							
ANNUAL RUNOFF (INCHES)	15.16					21.74				22.93							
10 PERCENT EXCEEDS	45					96				87							
50 PERCENT EXCEEDS	15					25				24							
90 PERCENT EXCEEDS	3.6					8.6				9.6							

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/09/2002 AT: 13:39:39

e Estimated

STATION NUMBER 02335870 SOPE CREEK NEAR MARIETTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335714 LONGITUDE 0842636 DRAINAGE AREA 29.20 DATUM 881.37 STATE 13 COUNTY 067

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	---	1.79	2.03	2.01	2.21	---	---	1.94	5.15	2.19	1.88	2.32
2	---	1.79	2.02	2.01	2.16	2.24	---	1.93	3.09	2.16	1.85	1.97
3	---	1.78	2.33	2.01	2.14	3.01	---	1.91	2.98	2.75	1.83	2.40
4	1.91	1.79	2.11	2.01	---	3.92	2.69	1.90	2.69	2.90	1.88	2.27
5	1.90	1.82	2.04	2.01	---	2.51	2.79	1.89	2.25	3.21	2.25	1.90
6	2.58	1.83	2.02	2.00	---	2.29	2.47	1.94	3.56	2.19	2.04	1.81
7	2.06	2.26	2.01	2.01	---	2.19	---	1.99	2.96	2.05	2.00	1.79
8	1.93	2.19	---	3.00	---	2.16	---	1.88	2.57	2.00	1.84	1.75
9	1.88	6.24	---	2.23	---	2.15	---	1.89	2.30	2.08	1.96	1.74
10	1.88	2.75	---	2.12	---	2.11	---	1.89	2.20	2.15	2.05	1.74
11	1.87	2.25	---	2.09	---	2.08	---	1.89	2.13	1.95	1.98	1.77
12	1.87	2.13	---	2.42	---	4.55	---	1.88	2.33	1.91	2.57	1.73
13	1.86	2.08	1.96	2.13	2.32	3.33	2.20	1.86	2.22	1.88	3.39	1.71
14	1.86	2.06	2.55	2.09	2.12	2.51	2.12	1.85	2.10	1.85	2.14	1.69
15	1.87	---	2.14	2.09	2.09	5.08	3.07	---	2.09	1.85	2.01	1.68
16	1.91	---	3.31	2.07	2.33	2.78	2.33	---	2.10	---	1.96	1.67
17	1.89	2.46	3.49	2.07	3.37	2.46	2.15	---	---	---	1.95	1.68
18	1.84	2.06	2.42	3.05	2.33	2.38	2.10	---	---	---	1.94	1.67
19	1.82	3.03	2.48	5.47	2.23	2.40	2.09	---	---	---	1.94	1.70
20	1.81	2.38	2.26	3.43	2.18	4.64	2.08	2.25	---	---	1.93	1.70
21	1.82	2.16	2.22	2.55	2.14	2.91	2.07	1.99	---	2.13	---	1.67
22	1.82	2.08	2.23	2.34	4.52	2.51	2.05	2.11	---	1.90	---	1.66
23	1.81	---	2.12	2.24	2.70	2.43	2.04	1.97	2.10	1.85	---	1.78
24	1.82	---	2.10	2.18	2.37	2.41	2.02	1.90	1.89	1.82	---	2.75
25	1.82	3.35	2.08	2.15	3.29	---	2.02	2.39	2.04	4.12	---	1.86
26	1.82	2.37	2.05	---	2.62	---	1.99	1.96	2.01	---	---	1.72
27	1.80	2.22	2.13	---	2.36	---	1.98	1.90	1.86	---	---	1.69
28	1.80	2.13	2.14	---	2.30	---	1.98	2.80	2.08	1.99	---	1.67
29	1.80	---	2.05	---	---	---	1.95	3.68	4.37	2.23	---	1.65
30	1.79	---	2.03	3.34	---	2.69	1.95	2.14	2.71	2.07	1.74	1.65
31	1.79	---	2.01	2.32	---	---	---	2.11	---	1.92	1.76	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	1.83
MAX	---	---	---	---	---	---	---	---	---	---	---	2.75
MIN	---	---	---	---	---	---	---	---	---	---	---	1.65

STATION NUMBER 02335870 SOPE CREEK NEAR MARIETTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335714 LONGITUDE 0842636 DRAINAGE AREA 29.20 DATUM 881.37 STATE 13 COUNTY 067

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	---	---	---	---	.00	.00	.00	.00	1.82	.00	.00	.04
2	---	---	---	---	.00	.31	.00	.00	.00	.07	.00	.26
3	---	---	---	---	.00	1.28	1.19	.00	.54	.38	.00	.80
4	---	---	---	---	.00	.01	.04	.00	.01	.91	.01	.06
5	---	---	---	---	.00	.00	.13	.00	.00	.02	.03	.00
6	---	---	---	---	.00	.00	.00	.00	1.20	.00	.14	.00
7	---	---	---	---	.00	.00	.00	.00	.04	.00	.00	.00
8	---	---	---	---	.00	.00	.00	.00	.13	.00	.00	.00
9	---	---	---	---	.15	.00	.00	.02	.00	.15	.26	.00
10	---	---	---	---	.27	.00	.00	.01	.00	.00	1.09	.00
11	---	---	---	---	.00	.00	.00	.05	.00	.00	.00	.00
12	---	---	---	---	.45	2.11	.00	.00	.17	.00	1.48	.00
13	---	---	---	---	.00	.01	.20	.00	.00	.00	.17	.00
14	---	---	---	---	.03	.25	.00	.00	.00	.00	.00	.00
15	---	---	---	---	.00	1.38	.70	.00	.11	.00	.00	.00
16	---	---	---	---	.99	.00	.00	.00	.01	.00	.00	.00
17	---	---	---	---	.02	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	---	.00	.00	.00	.00	.00	.00	.01	.00
19	---	---	---	---	.00	.28	.00	1.00	.00	.00	.00	.10
20	---	---	---	---	.00	1.57	.00	.00	.00	.30	.00	.02
21	---	---	---	---	.00	.02	.00	.00	.00	.00	.00	.00
22	---	---	---	---	1.56	.00	.00	.25	.73	.00	.00	.00
23	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.58
24	---	---	---	---	.00	.00	.08	.15	.00	.00	.00	.46
25	---	---	---	---	.76	.00	.02	.28	.03	1.54	.00	.01
26	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00
27	---	---	---	---	.02	.00	.00	.01	.15	.01	.00	.00
28	---	---	---	---	.02	.00	.00	1.50	.24	.00	.00	.00
29	---	---	---	---	---	1.09	.00	.42	.76	.32	1.29	.00
30	---	---	---	.40	---	.01	.00	.00	.10	.00	.03	.00
31	---	---	---	.00	---	.00	---	.65	---	.00	.25	---
TOTAL	---	---	---	---	4.27	8.32	2.36	4.34	6.04	3.70	4.76	2.33

**APALACHICOLA RIVER BASIN  
2001 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", 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<sup>2</sup>, approximately.

**PERIODIC WATER-QUALITY RECORDS**

**DATUM.**—Datum is 881.37 feet above sea level (levels by U.S. Army Corps of Engineers).

**PERIOD OF RECORD.**—March 1993 to current year.

**REMARKS.**—None

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA - LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL - LECTING SAMPLE (CODE NUMBER) (00027)	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 OXYGEN, (PER - DIS- SOLVED (MG/L) (00300)	OXYGEN, SOLVED 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													
30...	1100	80020	1028	1.80	5.6	40	3.3	749	8.2	84	7.5	104	23.0
30...	1101	1028	1028	1.80	5.6	40	3.3	--	--	--	--	--	--
NOV													
28...	1300	80020	1028	2.13	23	40	4.7	745	10.8	94	6.6	95	14.0
28...	1301	1028	1028	2.13	23	40	4.7	--	--	--	--	--	--
DEC													
27...	1145	80020	1028	2.06	25	40	.7	749	13.1	103	6.3	92	1.5
27...	1146	1028	1028	2.06	25	40	.7	--	--	--	--	--	--
JAN													
17...	1230	80020	1028	2.05	25	40	2.6	751	11.4	97	7.1	98	7.5
17...	1231	1028	1028	2.05	25	40	2.6	--	--	--	--	--	--
FEB													
21...	1230	80020	1028	2.15	30	10	4.8	750	10.2	96	7.0	92	20.0
21...	1231	1028	1028	2.15	30	10	4.8	--	--	--	--	--	--
MAR													
06...	1100	80020	1028	2.29	39	10	10	745	10.8	92	7.2	88	4.0
06...	1101	1028	1028	2.29	39	10	10	--	--	--	--	--	--
APR													
18...	1400	80020	1028	2.11	28	10	3.3	750	9.6	97	7.0	92	14.0
18...	1401	1028	1028	2.11	28	10	3.3	--	--	--	--	--	--
MAY													
15...	1215	80020	1028	--	E15	10	4.9	746	8.8	97	6.9	100	27.5
15...	1216	1028	1028	--	E15	10	4.9	--	--	--	--	--	--
JUN													
04...	1145	80020	1028	2.58	62	10	29	744	7.9	90	6.6	70	25.5
04...	1146	1028	1028	2.58	62	10	29	--	--	--	--	--	--
JUL													
09...	1100	80020	1028	1.97	20	10	6.4	745	7.7	96	6.6	104	30.5
09...	1101	82213	1028	1.97	20	10	6.4	--	--	--	--	--	--
AUG													
09...	1300	80020	1028	1.83	14	40	7.1	746	8.5	107	7.1	105	27.0
09...	1301	82213	1028	1.83	14	40	7.1	--	--	--	--	--	--
SEP													
10...	1130	80020	1028	1.74	11	40	3.8	747	8.1	96	6.8	103	30.0
10...	1131	82213	1028	1.74	11	40	3.8	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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- LILITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
OCT													
30...	15.7	--	39	10.8	2.90	2.54	.5	6.5	25	--	--	--	7.1
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
28...	8.3	2	33	9.4	2.29	2.21	.4	5.7	26	30	37	.0	6.2
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
27...	4.6	3	33	9.2	2.44	1.73	.5	6.2	28	30	37	.0	7.3
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
17...	7.9	3	32	8.9	2.44	1.93	.4	5.7	26	30	36	.0	6.7
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
21...	11.8	3	31	8.8	2.28	1.87	.4	5.2	25	29	35	.0	5.8
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
06...	7.6	5	31	8.9	2.21	1.82	.4	5.0	24	26	32	.0	5.5
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
18...	15.0	3	31	8.6	2.37	1.85	.4	4.8	24	28	34	.0	5.9
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
15...	19.1	2	32	8.8	2.38	1.88	.5	6.3	29	30	36	.0	7.6
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	20.7	4	23	6.5	1.55	2.22	.3	3.4	22	18	22	.0	4.4
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	25.2	3	32	9.0	2.24	2.04	.5	6.5	29	29	35	.0	8.8
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	25.7	3	32	9.0	2.29	2.13	.6	7.4	32	29	35	.0	8.4
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	23.0	2	32	8.8	2.32	2.08	.5	6.1	28	29	36	.0	7.7
10...	23.4	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335870 SOPE CREEK NEAR MARIETTA, GA—continued**

DATE	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, 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)
OCT													
30...	E.1	16.9	4.0	--	78	--	<.041	E.08	.15	--	--	--	E.037
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
28...	<.2	14.2	5.9	4.57	73	66	E.040	.13	.16	.47	--	--	.344
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
27...	E.1	15.5	5.3	4.82	72	69	.057	.18	.16	.75	.562	2.49	.569
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
17...	<.2	15.3	5.5	4.69	70	67	.058	.12	.09	.62	--	--	.498
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
21...	<.2	13.7	5.7	5.59	69	63	E.028	.10	.16	.62	--	--	.522
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
06...	<.2	12.9	7.0	7.04	67	62	E.036	E.10	.18	--	--	--	.549
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
18...	<.2	13.8	5.5	5.29	71	62	<.041	.13	.20	.60	--	--	.471
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
15...	E.1	15.6	3.7	2.92	72	66	.048	.18	.17	.67	.478	2.12	.487
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	<.2	9.0	4.9	7.88	47	45	<.040	.22	.33	.55	--	--	.330
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	<.2	14.7	3.8	4.22	77	66	<.040	.11	.15	.54	--	--	.427
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	E.1	15.0	3.7	3.21	85	68	.080	.24	.23	.85	.595	2.63	.615
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	E.1	15.3	3.5	2.06	72	67	<.040	.16	.15	.94	--	--	.775
10...	--	--	--	--	--	--	--	--	--	--	--	--	--



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335870 SOPE CREEK NEAR MARIETTA, GA--continued**

DATE	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	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)
OCT													
30...	--	<.006	--	--	--	<.006	<.018	.005	90	125	<.002	<.004	<.002
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
28...	--	<.006	--	--	.50	<.006	<.018	.006	90	216	<.002	<.004	<.002
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
27...	.023	.007	.12	.11	.73	.006	<.018	.006	370	311	<.002	<.004	<.002
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
17...	--	E.005	.07	.04	.59	E.004	<.018	.009	230	226	<.002	<.004	<.002
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
21...	--	<.006	--	--	.69	E.003	<.018	.010	200	183	<.002	<.004	<.002
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
06...	--	<.006	--	--	.73	E.005	<.018	.016	150	161	<.002	<.004	<.002
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
18...	--	<.006	--	--	.67	E.004	<.018	.012	150	148	<.002	<.004	<.002
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
15...	.030	.009	.13	.12	.66	E.004	<.018	.011	150	134	<.002	<.004	<.002
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	--	E.005	--	--	.66	.011	<.020	.055	120	31.1	<.002	<.004	<.002
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	E.003	--	--	.58	<.006	<.020	.014	140	95.9	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	.066	.020	.16	.15	.85	E.004	<.020	.011	60	112	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	--	E.005	--	--	.92	E.003	<.020	.012	60	158	<.002	<.004	<.002
10...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335870 SOPE CREEK NEAR MARIETTA, GA—continued**

DATE	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)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	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)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
OCT													
30...	<.005	E.002	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.003	E.003	<.005	<.021
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
28...	<.005	E.002	<.010	<.002	<.041	<.020	E.004	<.018	E.002	E.005	.022	<.005	<.021
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
27...	<.005	E.003	<.010	<.002	<.041	<.020	<.005	<.018	E.002	E.004	.008	<.005	<.021
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
17...	<.005	E.005	<.010	<.002	<.041	<.020	<.005	<.018	E.002	<.006	.013	<.005	<.021
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
21...	<.005	.018	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.003	.013	<.005	<.021
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
06...	<.005	.014	<.010	<.002	<.041	<.020	<.005	<.018	E.002	E.003	.008	<.005	<.021
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
18...	<.005	.015	<.010	<.002	E.007	<.020	<.005	<.018	<.003	E.005	.034	<.005	<.021
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
15...	<.005	E.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	.009	<.005	<.021
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	<.005	.021	<.010	<.002	E.025	<.020	E.004	<.018	<.003	E.006	.113	<.005	<.021
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	<.005	E.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.003	<.005	<.005	<.021
10...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335870 SOPE CREEK NEAR MARIETTA, GA--continued**

DATE	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 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)
OCT													
30...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
28...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
27...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
17...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
21...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
06...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
18...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
15...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
10...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335870 SOPE CREEK NEAR MARIETTA, GA—continued**

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)	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)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
OCT													
30...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	.048	.049
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
28...	<.003	<.007	<.002	<.010	<.006	<.011	E.006	<.004	<.010	<.011	<.023	.688	.026
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
27...	<.003	<.007	<.002	<.010	<.006	<.011	E.003	<.004	<.010	<.011	<.023	.958	.044
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
17...	<.003	<.007	<.002	.013	<.006	<.011	<.015	<.004	<.010	<.011	<.023	.787	.024
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
21...	<.003	<.007	<.002	.017	<.006	<.011	<.015	<.004	<.010	<.011	<.023	.445	.021
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
06...	<.003	<.007	<.002	.023	<.006	<.011	<.015	<.004	<.010	<.011	<.023	.327	.036
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
18...	<.003	<.007	<.002	<.020	<.006	<.011	E.007	<.004	<.010	<.011	<.023	.117	.028
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
15...	<.003	<.007	<.002	<.010	<.006	<.011	E.004	<.004	<.010	<.011	<.023	.043	.044
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
04...	<.003	<.007	<.002	.023	<.006	<.011	E.008	<.004	<.010	<.011	<.023	.090	E.013
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	E.008	.018
10...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335870 SOPE CREEK NEAR MARIETTA, GA--continued**

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)	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, DIS- CHARGE, SUS- PENDEDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (T/DAY) (80155)	SAMPLER TYPE (CODE) (84164)
OCT									
30...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
30...	--	--	--	--	--	99	40	.60	8010
NOV									
28...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
28...	--	--	--	--	--	95	30	1.9	8010
DEC									
27...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
27...	--	--	--	--	--	98	25	1.7	8010
JAN									
17...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
17...	--	--	--	--	--	98	19	1.3	8010
FEB									
21...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
21...	--	--	--	--	--	96	19	1.5	3045
MAR									
06...	<.034	<.017	<.005	<.002	E.003	--	--	--	3045
06...	--	--	--	--	--	98	28	2.9	3045
APR									
18...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
18...	--	--	--	--	--	90	6	.45	3045
MAY									
15...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
15...	--	--	--	--	--	95	6	.24	3045
JUN									
04...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
04...	--	--	--	--	--	92	24	4.0	3045
JUL									
09...	--	--	--	--	--	--	--	--	3045
09...	--	--	--	--	--	94	6	.33	3045
AUG									
09...	--	--	--	--	--	--	--	--	8010
09...	--	--	--	--	--	85	8	.30	8010
SEP									
10...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
10...	--	--	--	--	--	--	--	--	8010

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02335990 CHATTAHOOCHEE RIVER AT US 41, AT ATLANTA, GA**

**LOCATION.**--Lat 33<sup>0</sup>52'5", Long 84<sup>0</sup>27'14", Fulton-Cobb County line, Hydrologic Unit 03130001, on downstream side of US Highway 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<sup>2</sup>.

**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 mean sea level.

**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, 10.52 feet, March 15; minimum gage-height recorded, 4.05 feet, May 24.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—February 13, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02335990 CHATTAHOOCHEE RIVER AT US 41, AT ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335205 LONGITUDE 0842714 DRAINAGE AREA 1440.00 DATUM 750.10 STATE 13 COUNTY 121

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	4.38	4.53	4.31	4.36	4.49	4.40	4.36	4.26	6.52	5.09	6.01	4.63
2	4.55	4.40	4.51	4.35	4.39	4.42	4.27	4.25	7.04	4.60	4.72	4.57
3	4.62	4.38	4.37	4.78	4.39	4.72	5.40	4.25	5.24	4.65	4.71	4.80
4	4.52	4.28	4.35	4.45	4.37	6.59	5.90	4.24	5.53	6.28	4.76	5.26
5	4.60	4.29	4.74	4.38	4.49	5.15	5.14	4.23	4.58	5.73	4.90	4.67
6	4.98	4.27	4.96	4.36	4.56	4.49	4.35	4.22	4.97	4.56	4.80	4.43
7	4.28	4.58	4.84	4.35	4.36	4.42	4.37	4.22	5.15	4.47	4.78	4.43
8	4.40	4.75	4.51	4.86	4.41	4.40	4.29	4.22	4.47	4.40	4.74	4.41
9	4.32	7.60	4.47	5.07	4.47	4.39	4.25	4.22	4.36	4.37	4.81	4.40
10	4.50	5.87	4.42	4.73	4.55	4.37	4.25	4.22	4.29	4.44	4.86	4.72
11	4.88	4.78	4.37	4.46	4.38	4.36	4.25	4.30	4.26	4.45	4.88	4.48
12	5.40	4.32	4.44	4.61	4.44	5.87	4.22	4.40	4.27	4.53	5.00	4.46
13	4.77	4.39	4.55	4.50	4.65	7.93	4.24	4.33	4.25	4.52	6.05	4.46
14	4.52	4.48	4.97	4.46	4.43	5.58	4.23	4.16	4.20	4.55	5.91	4.45
15	4.17	4.51	4.82	4.49	4.41	8.34	4.61	4.11	4.19	4.60	5.13	4.44
16	4.36	4.64	5.34	4.42	4.58	6.59	4.77	4.15	4.27	4.61	4.82	4.42
17	4.80	4.53	5.59	4.47	5.72	5.13	4.29	4.16	4.18	4.61	4.68	4.42
18	4.42	4.61	4.80	4.80	4.71	4.39	4.23	4.21	4.15	4.62	4.66	4.42
19	4.50	4.88	4.88	7.26	4.39	4.40	4.22	4.81	4.14	4.61	4.67	4.43
20	4.58	5.20	4.60	7.08	4.37	6.65	4.22	5.25	4.15	4.79	4.64	4.48
21	4.62	4.83	4.37	5.57	4.38	6.37	4.19	4.27	4.16	4.71	4.57	4.49
22	4.35	4.73	4.41	4.70	6.86	4.90	4.18	4.19	4.47	4.68	4.75	4.43
23	4.51	4.68	4.64	4.61	5.82	4.48	4.18	4.16	4.88	4.64	4.76	4.50
24	4.73	4.38	4.46	4.73	4.61	4.31	4.17	4.15	4.31	4.54	4.74	5.51
25	4.23	5.60	4.30	4.43	5.00	4.26	4.19	4.41	4.26	6.92	4.71	5.35
26	4.18	4.87	4.57	4.39	5.50	4.34	4.39	4.27	4.29	6.69	4.70	4.47
27	4.56	4.50	4.62	4.37	4.60	4.49	4.23	4.18	4.32	4.80	5.10	4.30
28	4.53	4.85	4.58	4.36	4.43	4.35	4.23	4.43	4.33	4.66	4.78	4.21
29	4.25	4.82	4.66	4.36	---	4.95	4.25	6.81	4.82	4.62	4.99	4.18
30	4.24	4.72	4.44	5.15	---	5.87	4.26	4.60	4.67	5.02	4.73	4.17
31	4.27	---	4.38	4.94	---	4.81	---	4.29	---	7.26	4.53	---
MEAN	4.52	4.78	4.62	4.77	4.71	5.15	4.40	4.39	4.62	4.94	4.90	4.55
MAX	5.40	7.60	5.59	7.26	6.86	8.34	5.90	6.81	7.04	7.26	6.05	5.51
MIN	4.17	4.27	4.30	4.35	4.36	4.26	4.17	4.11	4.14	4.37	4.53	4.17

STATION NUMBER 02335990 CHATTAHOOCHEE RIVER AT US 41, AT ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335205 LONGITUDE 0842714 DRAINAGE AREA 1440.00 DATUM 750.10 STATE 13 COUNTY 121

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	---	---	---	---	---	.00	.00	.00	1.05	.00	.00	.02
2	---	---	---	---	---	.25	.00	.00	.00	.18	.00	.29
3	---	---	---	---	---	1.34	.67	.00	1.29	.32	.00	1.43
4	---	---	---	---	---	.02	.03	.00	.01	1.27	.12	.00
5	---	---	---	---	---	.00	.22	.00	.00	.01	.01	.00
6	---	---	---	---	---	.00	.00	.00	.42	.00	.02	.00
7	---	---	---	---	---	.00	.00	.00	.03	.00	.01	.00
8	---	---	---	---	---	.00	.00	.00	.27	.00	.00	.00
9	---	---	---	---	---	.00	.00	.00	.00	.06	.33	.00
10	---	---	---	---	---	.00	.00	.00	.00	.00	.09	.00
11	---	---	---	---	---	.00	.00	.05	.04	.00	.00	.00
12	---	---	---	---	---	1.97	.00	.00	.03	.00	.77	.00
13	---	---	---	---	.00	.00	.06	.00	.01	.00	.02	.00
14	---	---	---	---	.01	.27	.00	.00	.00	.00	.00	.00
15	---	---	---	---	.00	1.39	.86	.00	.00	.00	.00	.00
16	---	---	---	---	.73	.00	.00	.00	.00	.00	.00	.00
17	---	---	---	---	.03	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	---	.00	.00	.01	.00	.00	.00	.01	.00
19	---	---	---	---	.00	.37	.00	1.58	.00	.00	.00	.03
20	---	---	---	---	.00	1.42	.00	.00	.00	.86	.00	.00
21	---	---	---	---	.00	.01	.00	.00	.00	.00	.00	.00
22	---	---	---	---	1.41	.00	.00	.23	1.03	.00	.00	.00
23	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.50
24	---	---	---	---	.00	.07	.14	.09	.00	.20	.00	.80
25	---	---	---	---	.65	.00	.02	.11	.68	1.25	.00	.00
26	---	---	---	---	.00	.00	.00	.00	.00	.01	.00	.00
27	---	---	---	---	.04	.00	.00	.00	.00	.00	.00	.00
28	---	---	---	---	.03	.00	.00	.89	.00	.02	.00	.00
29	---	---	---	---	---	1.09	.00	.37	.00	.18	.67	.00
30	---	---	---	---	---	.01	.00	.00	.10	.00	.04	.00
31	---	---	---	---	---	.00	---	.48	---	.00	.32	---
TOTAL	---	---	---	---	---	8.21	2.01	3.80	4.96	4.36	2.41	3.07

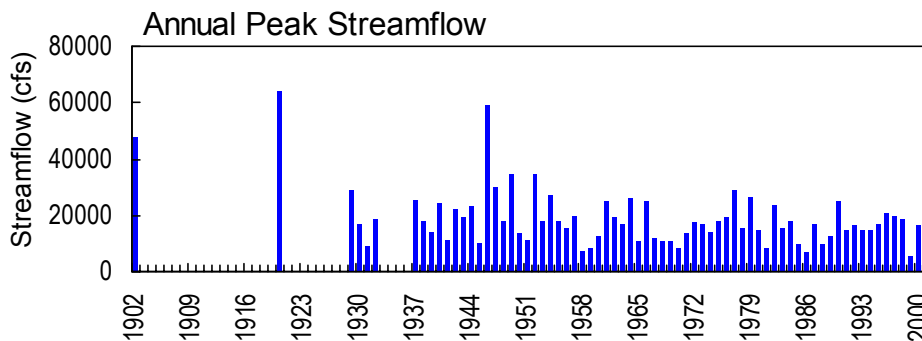
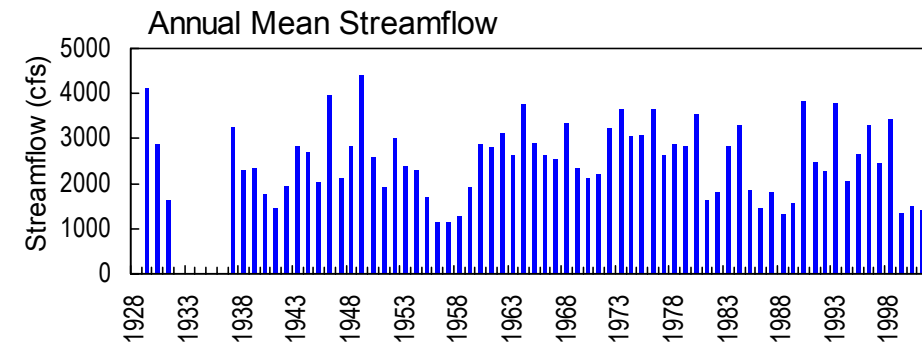
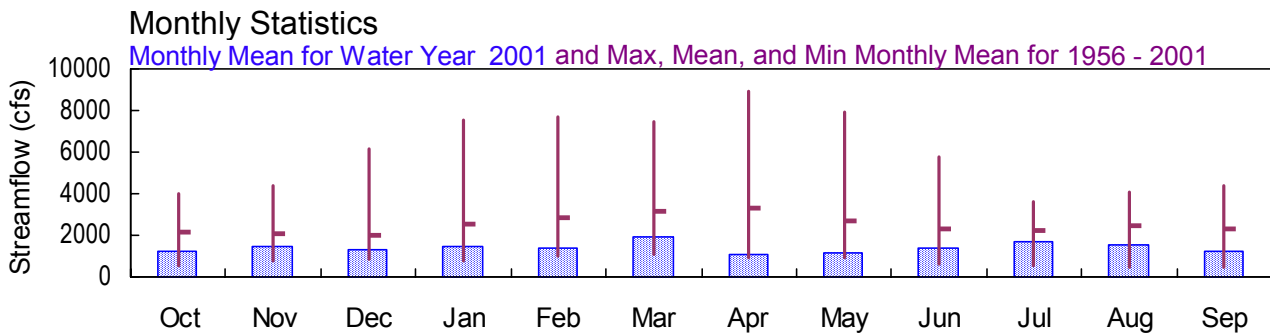
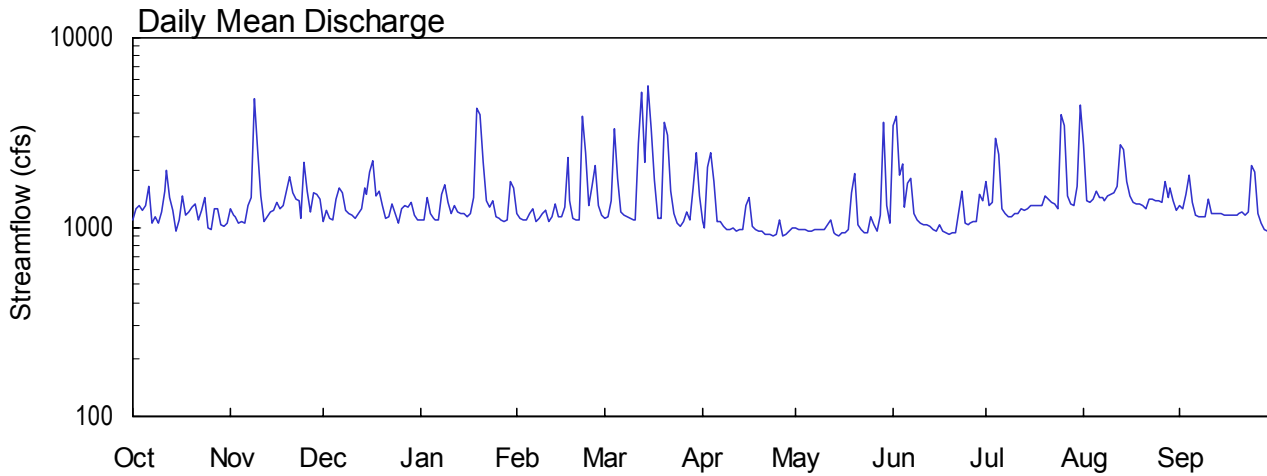


# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA

Latitude: 33° 51' 33" Longitude: 84° 27' 16" Hydrologic Unit Code: 03130001 Fulton County  
Drainage Area: 1450 mi<sup>2</sup> Datum: 750.1 feet Period of Record: 1956 - 2001



USGS 02336000 - Chattahoochee River at Atlanta, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA**

**LOCATION.**--Lat 33°51'33", long 84°27'16", Fulton-Cobb County line, Hydrologic Unit 03130001, on left bank 20 feet upstream from Paces Ferry Bridge, at Atlanta, 1.0 mile downstream from Rottenwood Creek, 2.5 miles upstream from Peachtree Creek, and at mile 303.0.

**DRAINAGE AREA.**--1,450 mi<sup>2</sup>, approximately.

**COOPERATION.**—U.S. Army Corps of Engineers, Mobile District; 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. Datum of gage is 750.10 feet above sea level. 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 U.S. Highway 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.

**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.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- August 1928 to December 1931, October 1936 to current year.

**GAGE.**--Satellite telemetry with a water-stage recorder. Datum of gage is 750.10 feet above sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 9.55 feet, March 15; minimum gage-height recorded, 2.73 feet, May 24.



STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335133 LONGITUDE 0842716 DRAINAGE AREA 1450.00 DATUM 750.10 STATE 13 COUNTY 121

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

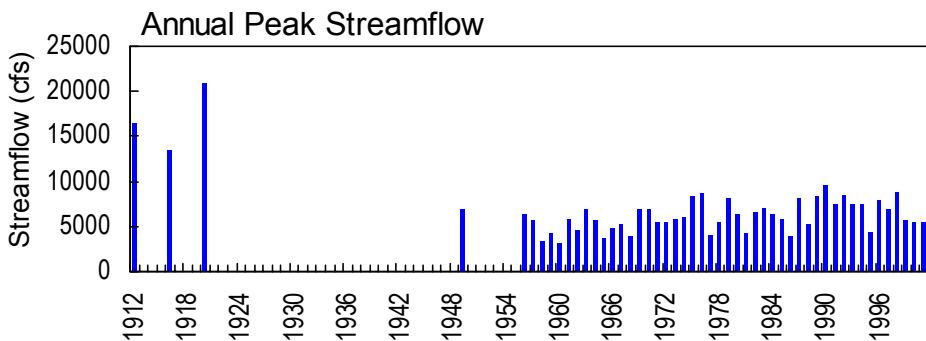
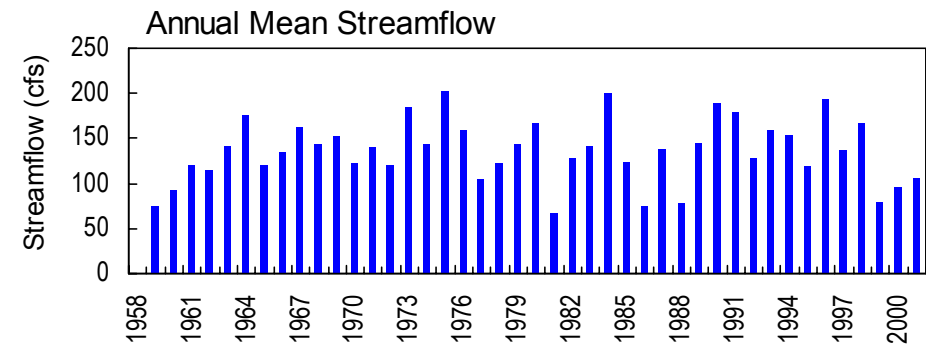
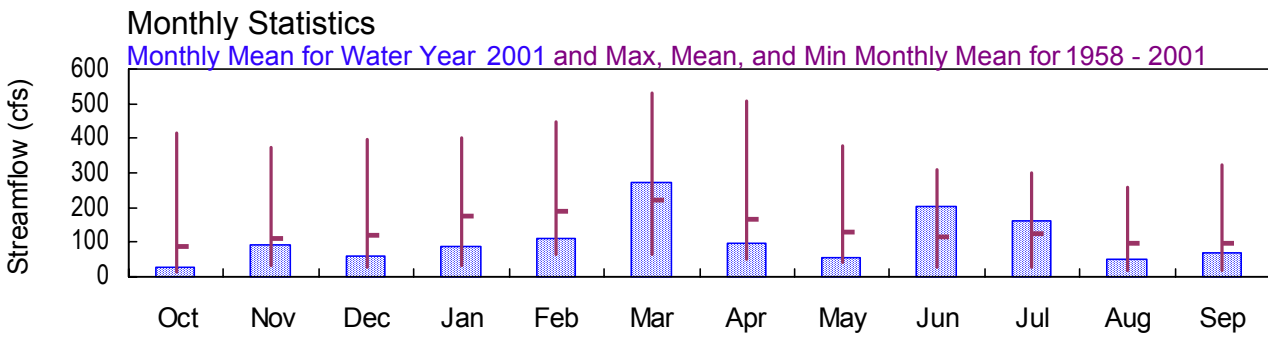
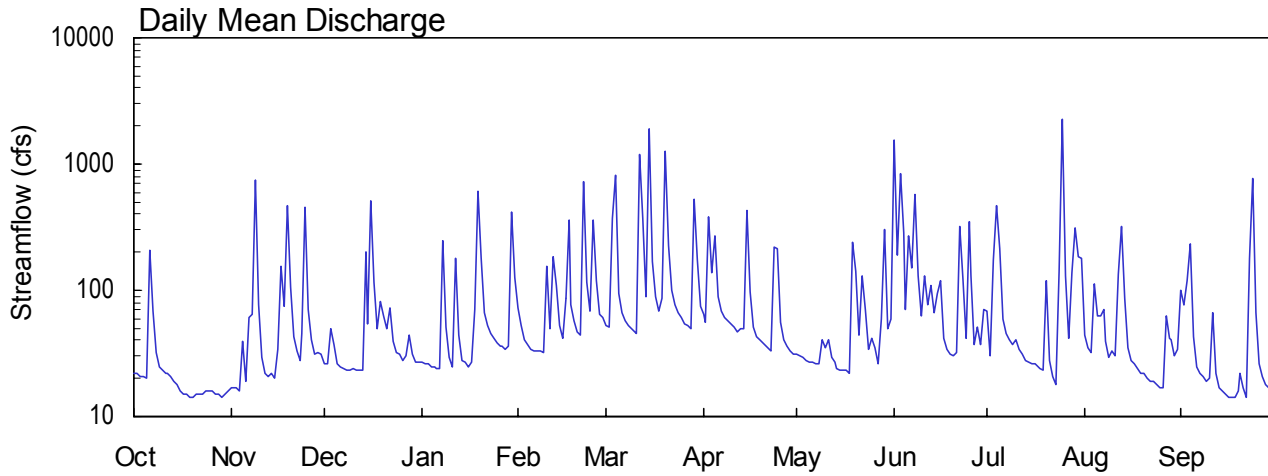
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.61	3.22	3.00	3.03	3.14	3.07	3.02	2.89	5.03	3.72	4.54	3.29
2	3.20	3.10	3.19	3.02	3.05	3.09	2.92	2.88	5.44	3.28	3.36	3.24
3	3.27	3.08	3.05	3.41	3.04	3.37	3.95	2.87	3.87	3.31	3.35	3.45
4	3.18	2.99	3.03	3.12	3.02	5.07	4.43	2.87	4.13	4.79	3.39	3.87
5	3.26	3.00	3.39	3.05	3.13	3.79	3.75	2.86	3.25	4.31	3.54	3.33
6	3.62	2.98	3.61	3.03	3.21	3.16	3.00	2.85	3.58	3.23	3.44	3.10
7	2.96	3.26	3.50	3.02	3.00	3.10	3.01	2.88	3.80	3.15	3.42	3.09
8	3.07	3.42	3.19	3.48	3.05	3.07	2.92	2.87	3.14	3.08	3.39	3.08
9	2.99	6.01	3.14	3.66	3.13	3.06	2.88	2.87	3.04	3.08	3.46	3.07
10	3.14	4.44	3.10	3.31	3.19	3.04	2.88	2.87	2.97	3.12	3.49	3.36
11	3.51	3.45	3.06	3.12	3.01	3.04	2.90	2.95	2.94	3.13	3.52	3.14
12	4.00	3.02	3.12	3.27	3.08	4.48	2.86	3.03	2.95	3.21	3.60	3.13
13	3.42	3.08	3.22	3.17	3.30	6.34	2.87	2.84	2.93	3.19	4.57	3.13
14	3.18	3.17	3.62	3.13	3.09	4.17	2.88	2.80	2.88	3.22	4.45	3.13
15	2.85	3.18	3.49	3.15	3.07	6.95	3.26	2.79	2.86	3.28	3.75	3.12
16	3.03	3.32	3.93	3.08	3.23	5.03	3.41	2.83	2.95	3.30	3.46	3.10
17	3.45	3.21	4.18	3.13	4.30	3.77	2.93	2.84	2.85	3.29	3.33	3.10
18	3.10	3.29	3.45	3.44	3.36	3.06	2.87	2.89	2.83	3.29	3.31	3.10
19	3.17	3.54	3.53	5.64	3.05	3.06	2.86	3.45	2.82	3.29	3.31	3.10
20	3.24	3.83	3.26	5.49	3.03	5.18	2.87	3.88	2.83	3.46	3.29	3.15
21	3.29	3.49	3.05	4.17	3.04	4.86	2.81	2.95	2.84	3.39	3.22	3.16
22	3.03	3.40	3.08	3.36	5.30	3.53	2.80	2.87	3.14	3.35	3.39	3.10
23	3.19	3.35	3.31	3.26	4.38	3.14	2.80	2.84	3.53	3.32	3.40	3.16
24	3.38	3.06	3.13	3.37	3.27	2.97	2.80	2.83	2.99	3.23	3.38	4.08
25	2.92	4.18	2.98	3.09	3.62	2.92	2.81	3.09	2.95	5.37	3.36	3.96
26	2.88	3.54	3.22	3.05	4.09	2.99	3.03	2.95	2.98	5.14	3.35	3.13
27	3.22	3.17	3.29	3.03	3.27	3.15	2.78	2.85	3.01	3.45	3.72	2.97
28	3.21	3.51	3.24	3.02	3.11	3.02	2.81	3.09	3.01	3.31	3.43	2.88
29	2.94	3.47	3.32	3.02	---	3.56	2.86	5.24	3.47	3.28	3.61	2.85
30	2.93	3.40	3.12	3.74	---	4.40	2.90	3.27	3.35	3.65	3.38	2.84
31	2.97	---	3.04	3.59	---	3.45	---	2.96	---	5.63	3.19	---
MEAN	3.23	3.44	3.29	3.40	3.34	3.77	3.03	3.03	3.28	3.58	3.53	3.21
MAX	4.61	6.01	4.18	5.64	5.30	6.95	4.43	5.24	5.44	5.63	4.57	4.08
MIN	2.85	2.98	2.98	3.02	3.00	2.92	2.78	2.79	2.82	3.08	3.19	2.84

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 764 feet Period of Record: 1958 - 2001



02336300 - Peachtree Creek at Atlanta, GA - March 13, 1975

**APALACHICOLA RIVER BASIN  
2001 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<sup>2</sup>.

**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 sea level (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, except for those periods of estimated daily discharge, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 2,500 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	0030	2,560	10.77
Mar. 12	1915	4,030	13.46
Mar. 15	0630	5,410*	15.61*
Mar. 20	1000	3,220	12.04
June 1	1500	3,490	12.53
June 3	1800	3,780	13.03
Jul. 25	0900	4,300	13.91

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (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, 15.61 feet, March 15; minimum gage-height recorded, 2.36 feet, October 19-20, 30.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--February 5, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02336300 PEACHTREE CREEK AT ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334910 LONGITUDE 0842428 DRAINAGE AREA 86.80 DATUM 763.96 STATE 13 COUNTY 121

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	22	17	26	27	e72	52	64	31	1570	69	44	99
2	22	17	26	26	e52	51	56	30	188	30	35	78
3	21	17	50	26	e40	370	379	29	829	172	32	120
4	21	16	37	25	e37	819	139	28	285	463	113	233
5	20	39	26	25	34	93	266	27	71	214	62	43
6	210	19	25	24	33	66	89	27	270	59	62	25
7	68	61	24	24	33	58	68	26	150	46	71	22
8	32	64	23	247	33	53	61	26	583	40	39	21
9	25	739	23	51	32	50	58	40	129	37	29	19
10	23	77	24	29	153	47	55	35	62	41	33	20
11	22	29	23	25	50	45	51	41	131	34	30	66
12	22	22	23	177	186	1190	47	29	77	31	133	22
13	21	21	23	44	108	375	49	27	108	28	320	17
14	19	22	204	28	52	88	50	24	67	27	86	16
15	18	20	54	27	42	1910	432	23	94	26	35	15
16	16	34	505	25	86	168	96	23	119	26	28	14
17	15	153	115	27	362	88	51	23	42	25	26	14
18	15	75	49	71	76	69	43	22	34	24	24	14
19	14	463	82	614	57	86	40	239	31	23	22	16
20	14	105	63	180	47	1270	38	141	30	118	22	22
21	15	43	49	66	44	224	36	44	32	28	20	17
22	15	33	73	52	724	100	34	131	325	21	19	14
23	15	28	39	46	115	76	33	70	121	18	19	177
24	16	46	32	42	68	67	221	34	42	140	18	760
25	16	459	31	38	363	61	213	42	354	2240	17	67
26	16	71	28	36	118	55	56	35	130	130	17	26
27	15	40	30	36	64	52	41	26	37	42	62	21
28	15	31	44	34	61	49	36	59	51	137	42	18
29	14	32	31	36	---	528	33	304	37	314	41	17
30	15	31	27	e415	---	173	31	49	70	185	30	16
31	16	---	27	e128	---	75	---	59	---	177	34	---
TOTAL	808	2824	1836	2651	3142	8408	2866	1744	6069	4965	1565	2029
MEAN	26.1	94.1	59.2	85.5	112	271	95.5	56.3	202	160	50.5	67.6
MAX	210	739	505	614	724	1910	432	304	1570	2240	320	760
MIN	14	16	23	24	32	45	31	22	30	18	17	14
CFSM	.30	1.08	.68	.99	1.29	3.12	1.10	.65	2.33	1.85	.58	.78
IN.	.35	1.21	.79	1.14	1.35	3.60	1.23	.75	2.60	2.13	.67	.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2001, BY WATER YEAR (WY)

	1958	1959	1989	1981	1986	1988	1986	1988	1988	1959	1959	1978
MEAN	87.5	110	121	174	191	222	167	130	114	125	96.5	96.1
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	31.7	28.4	33.0	66.2	63.9	49.5	40.7	28.9	29.8	20.4	20.6
(WY)	1979	1959	1989	1981	1986	1988	1986	1988	1988	1959	1959	1978

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1958 - 2001

ANNUAL TOTAL	33458.6	38907			
ANNUAL MEAN	91.4	107			136
HIGHEST ANNUAL MEAN					203
LOWEST ANNUAL MEAN					67.0
HIGHEST DAILY MEAN	1960	Sep 21	2240	Jul 25	6500
LOWEST DAILY MEAN	6.7	Jul 22	14	Oct 19	6.0
ANNUAL SEVEN-DAY MINIMUM	7.4	Jul 16	15	Oct 17	6.2
MAXIMUM PEAK FLOW			5410	Mar 15	9650
MAXIMUM PEAK STAGE			15.61	Mar 15	21.06
ANNUAL RUNOFF (CFSM)	1.05		1.23		1.57
ANNUAL RUNOFF (INCHES)	14.34		16.67		21.31
10 PERCENT EXCEEDS	155		222		269
50 PERCENT EXCEEDS	33		41		59
90 PERCENT EXCEEDS	13		18		23

STATISTICS COMPUTED BY: agotvald

DATE: 11/26/2001 AT: 14:33:25

e Estimated



STATION NUMBER 02336300 PEACHTREE CREEK AT ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334910 LONGITUDE 0842428 DRAINAGE AREA 86.80 DATUM 763.96 STATE 13 COUNTY 121

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	2.50	2.41	2.60	2.61	---	2.74	2.91	2.61	8.10	2.95	2.76	3.17
2	2.49	2.41	2.60	2.61	---	2.73	2.83	2.60	3.68	2.63	2.68	3.02
3	2.48	2.42	2.83	2.61	---	4.37	4.36	2.59	5.31	3.32	2.65	3.26
4	2.47	2.40	2.72	2.60	---	5.84	3.44	2.57	4.09	4.80	3.20	3.82
5	2.46	2.67	2.61	2.59	2.59	3.12	4.05	2.57	3.00	3.76	2.90	2.75
6	3.64	2.45	2.59	2.59	2.58	2.88	3.12	2.57	3.78	2.89	2.91	2.57
7	2.92	2.84	2.58	2.58	2.58	2.80	2.95	2.55	3.48	2.77	2.99	2.54
8	2.61	2.84	2.57	3.94	2.58	2.75	2.88	2.55	5.08	2.72	2.72	2.51
9	2.53	5.93	2.56	2.84	2.57	2.72	2.85	2.68	3.37	2.70	2.62	2.49
10	2.50	3.04	2.58	2.63	3.49	2.70	2.81	2.65	2.92	2.73	2.65	2.50
11	2.50	2.64	2.57	2.60	2.72	2.68	2.78	2.70	3.32	2.67	2.63	2.94
12	2.49	2.56	2.57	3.63	3.57	6.32	2.75	2.59	3.04	2.64	3.24	2.53
13	2.48	2.54	2.57	2.78	3.21	4.43	2.76	2.56	3.25	2.61	4.30	2.46
14	2.45	2.55	3.76	2.63	2.74	3.08	2.77	2.53	2.94	2.59	3.08	2.44
15	2.43	2.53	2.86	2.61	2.66	8.49	4.68	2.52	3.12	2.58	2.67	2.42
16	2.41	2.64	5.09	2.59	2.92	3.62	3.16	2.52	3.30	2.58	2.61	2.41
17	2.39	3.53	3.31	2.61	4.42	3.12	2.79	2.51	2.74	2.57	2.59	2.41
18	2.38	2.99	2.82	2.96	2.97	2.96	2.72	2.51	2.67	2.56	2.56	2.41
19	2.37	4.93	3.09	5.43	2.78	3.04	2.69	3.60	2.64	2.54	2.53	2.44
20	2.36	3.24	2.94	3.62	2.70	7.26	2.68	3.38	2.63	3.07	2.54	2.54
21	2.38	2.77	2.82	2.87	2.68	3.89	2.66	2.72	2.65	2.60	2.51	2.45
22	2.38	2.68	3.02	2.74	5.53	3.21	2.64	3.30	4.05	2.53	2.49	2.40
23	2.38	2.63	2.73	2.69	3.28	3.02	2.63	2.95	3.30	2.48	2.48	3.25
24	2.39	2.74	2.67	2.66	2.89	2.94	3.60	2.64	2.74	2.92	2.48	5.86
25	2.40	4.86	2.66	2.63	4.30	2.88	3.77	2.70	3.94	9.58	2.46	3.00
26	2.41	3.01	2.63	2.61	3.29	2.82	2.83	2.64	3.34	3.37	2.46	2.64
27	2.39	2.74	2.65	2.61	2.85	2.79	2.70	2.55	2.70	2.65	2.78	2.58
28	2.37	2.66	2.78	2.59	2.82	2.76	2.66	2.83	2.82	3.37	2.73	2.54
29	2.37	2.67	2.66	2.60	---	4.90	2.63	4.17	2.69	4.22	2.69	2.51
30	2.38	2.66	2.62	---	---	3.61	2.61	2.77	2.90	3.63	2.63	2.49
31	2.40	---	2.61	---	---	3.01	---	2.79	---	3.55	2.61	---
MEAN	2.49	2.97	2.83	---	---	3.66	3.02	2.76	3.45	3.18	2.75	2.78
MAX	3.64	5.93	5.09	---	---	8.49	4.68	4.17	8.10	9.58	4.30	5.86
MIN	2.36	2.40	2.56	---	---	2.68	2.61	2.51	2.63	2.48	2.46	2.40

STATION NUMBER 02336300 PEACHTREE CREEK AT ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334910 LONGITUDE 0842428 DRAINAGE AREA 86.80 DATUM 763.96 STATE 13 COUNTY 121

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

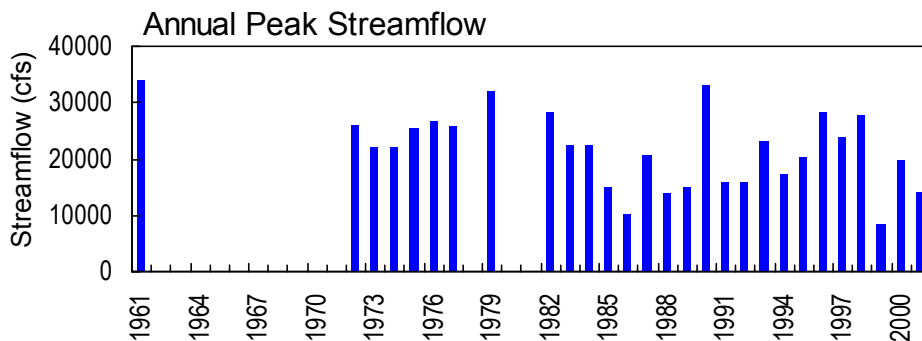
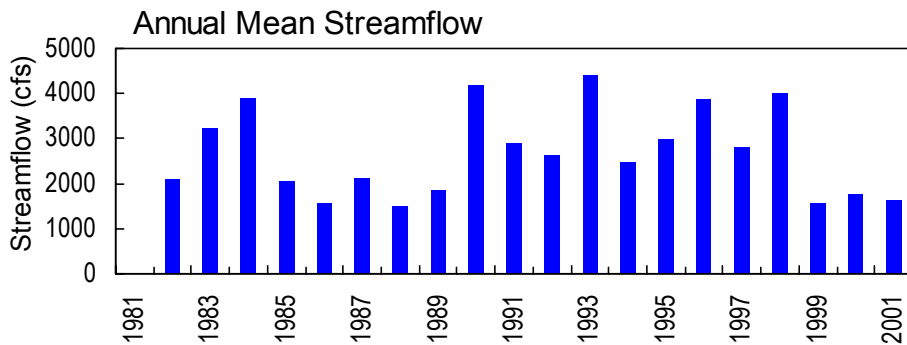
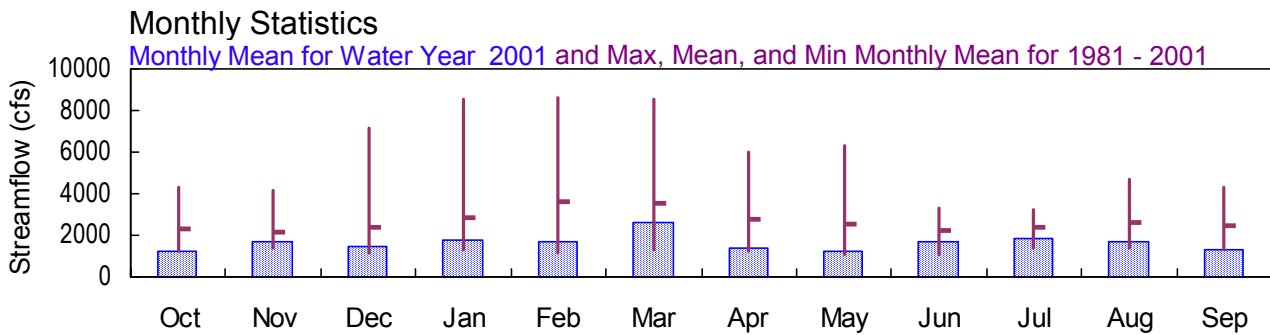
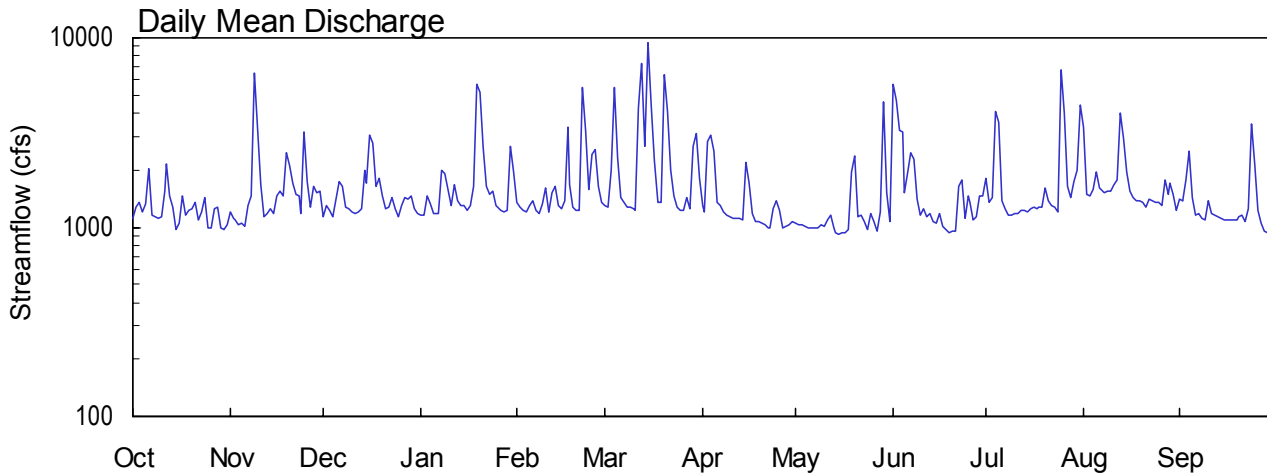
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	.00	.03	.00	---	.11	.00	.01
2	---	---	---	---	---	.18	.00	.00	---	.00	.00	.40
3	---	---	---	---	---	1.51	.50	.00	---	.63	.00	.66
4	---	---	---	---	---	.01	.01	.00	---	2.65	.70	.00
5	---	---	---	---	.00	.00	.45	.00	---	.01	.01	.00
6	---	---	---	---	.00	.00	.00	.00	---	.00	.01	.00
7	---	---	---	---	.00	.00	.00	.00	---	.00	.00	.00
8	---	---	---	---	.00	.00	.00	.00	---	.00	.00	.00
9	---	---	---	---	.15	.00	.00	.00	---	.05	.00	.00
10	---	---	---	---	.20	.00	.00	.08	---	.00	.39	.00
11	---	---	---	---	.00	.00	.00	.02	---	.00	.02	.00
12	---	---	---	---	.65	2.07	.00	.00	---	.00	1.25	.00
13	---	---	---	---	.02	.00	.06	.00	---	.00	.04	.00
14	---	---	---	---	.00	.31	.00	.00	---	.00	.00	.00
15	---	---	---	---	.00	1.65	1.22	.00	---	.00	.00	.00
16	---	---	---	---	.85	.00	.01	.00	---	.00	.00	.00
17	---	---	---	---	.02	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	---	---	.00	.42	.00	.77	.00	.00	.00	.15
20	---	---	---	---	.00	1.57	.00	.02	.00	.67	.00	.00
21	---	---	---	---	.00	.02	.00	.00	.01	.00	.00	.00
22	---	---	---	---	1.17	.00	.00	.36	.67	.00	.00	.00
23	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.33
24	---	---	---	---	.00	.00	.87	.06	.00	.65	.00	1.92
25	---	---	---	---	.70	.00	.03	.12	.99	1.60	.00	.00
26	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00
27	---	---	---	---	.03	.00	.00	.00	.00	.00	1.32	.00
28	---	---	---	---	.05	.00	.01	.54	.01	.10	.00	.00
29	---	---	---	---	---	1.16	.00	.79	.17	.19	.66	.00
30	---	---	---	---	---	.01	.00	.00	.27	.00	.05	.00
31	---	---	---	---	---	.00	---	---	---	.00	.27	---
TOTAL	---	---	---	---	---	8.91	3.19	---	---	6.66	4.72	3.47

# APALACHICOLA RIVER BASIN

## 2001 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: 1590 mi<sup>2</sup> Datum: 736.4 feet Period of Record: 1981 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA**

**LOCATION.**--Lat 33°49'01", long 84°28'48", Fulton-Cobb County line, Hydrologic Unit 03130002, on downstream side of bridge on GA Highway 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<sup>2</sup> (revised).

**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 sea level.

**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<sup>3</sup>/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 sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 18.62 feet, March 15; minimum gage-height recorded, 3.59 feet, May 24.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--May 9, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334901 LONGITUDE 0842848 DRAINAGE AREA 1590.00 DATUM 736.35 STATE 13 COUNTY 121

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	1120	1210	1140	1160	1360	1300	1310	1060	5650	1820	3370	1410
2	1280	1110	1300	1160	1270	1270	1210	1030	4710	1360	1500	1380
3	1340	1090	1220	1470	1230	1990	2820	1020	3240	1420	1470	1790
4	1210	1020	1140	1320	1210	5490	3080	1010	3170	4080	1570	2500
5	1330	1060	1400	1190	1310	2330	2510	999	1520	3600	1940	1440
6	2040	1010	1730	1180	1370	1440	1360	991	1910	1370	1610	1150
7	1160	1290	1630	1170	1220	1340	1290	988	2470	1250	1560	1170
8	1130	1450	1280	1980	1190	1280	1210	999	2270	1160	1520	1110
9	1110	6540	1250	1930	1320	1280	1150	1020	1400	1160	1550	1100
10	1130	3290	1200	1570	1610	1240	1140	1010	1150	1190	1560	1370
11	1560	1660	1170	1290	1210	1220	1120	1100	1250	1170	1680	1180
12	2160	1130	1210	1670	1510	4240	1110	1160	1130	1230	1770	1150
13	1450	1170	1260	1390	1630	7300	1110	982	1190	1220	4030	1130
14	1280	1250	2010	1300	1300	2680	1100	935	1070	1200	2940	1110
15	962	1190	1690	1300	1250	9380	2180	915	1040	1240	1940	1090
16	1060	1450	3080	1230	1390	4420	1710	938	1190	1270	1540	1090
17	1460	1560	2780	1290	3380	2220	1170	935	1010	1250	1420	1090
18	1160	1460	1630	1650	1660	1360	1080	978	962	1280	1370	1090
19	1220	2450	1800	5670	1270	1350	1070	1970	939	1270	1370	1100
20	1240	2110	1470	5160	1230	6350	1060	2390	956	1620	1360	1140
21	1340	1690	1240	2610	1220	4070	1020	1140	944	1380	1270	1160
22	1090	1480	1280	1630	5450	2010	1000	1150	1640	1300	1410	1080
23	1210	1470	1440	1480	3210	1460	1000	1080	1780	1270	1380	1260
24	1420	1170	1250	1560	1570	1280	1260	969	1120	1210	1360	3520
25	995	3200	1130	1300	2430	1220	1370	1180	1470	6810	1350	2170
26	1000	1750	1290	1250	2580	1220	1220	1080	1350	4020	1290	1230
27	1250	1280	1420	1230	1650	1430	990	959	1100	1640	1770	1050
28	1270	1630	1410	1210	1340	1260	1010	1210	1130	1440	1480	956
29	991	1520	1460	1230	---	2650	1030	4570	1450	1730	1710	929
30	976	1560	1240	2680	---	3130	1070	1530	1460	1980	1480	923
31	1020	---	1170	1940	---	1810	---	1080	---	4430	1220	---
TOTAL	38964	51250	45720	54200	48370	81020	40760	38378	51671	58370	52790	39868
MEAN	1257	1708	1475	1748	1728	2614	1359	1238	1722	1883	1703	1329
MAX	2160	6540	3080	5670	5450	9380	3080	4570	5650	6810	4030	3520
MIN	962	1010	1130	1160	1190	1220	990	915	939	1160	1220	923
CFSM	.79	1.07	.93	1.10	1.09	1.64	.85	.78	1.08	1.18	1.07	.84
IN.	.91	1.20	1.07	1.27	1.13	1.90	.95	.90	1.21	1.37	1.24	.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2001, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	2301	2168	2395	2879	3624	3522	2759	2565	2217	2413	2631	2461										
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	1257	1365	1138	1325	1185	1274	1195	1065	1096	1350	1381	1329										
(WY)	2001	1989	1989	1989	1986	1988	1986	1988	1988	1988	1999	2001										

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1981 - 2001

ANNUAL TOTAL	639785	601361	
ANNUAL MEAN	1748	1648	2676
HIGHEST ANNUAL MEAN			4394
LOWEST ANNUAL MEAN			1486
HIGHEST DAILY MEAN	14400	Sep 1	9380
LOWEST DAILY MEAN	959	May 16	915
ANNUAL SEVEN-DAY MINIMUM	994	May 11	978
MAXIMUM PEAK FLOW			14300
MAXIMUM PEAK STAGE			18.62
ANNUAL RUNOFF (CFSM)	1.10		1.04
ANNUAL RUNOFF (INCHES)	14.97		14.07
10 PERCENT EXCEEDS	2620		2660
50 PERCENT EXCEEDS	1340		1290
90 PERCENT EXCEEDS	1080		1020

STATISTICS COMPUTED BY: agotvald

DATE: 10/18/2001 AT: 13:53:28

STATION NUMBER 02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334901 LONGITUDE 0842848 DRAINAGE AREA 1590.00 DATUM 736.35 STATE 13 COUNTY 121

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	4.27	4.41	4.30	4.33	4.73	4.63	4.64	4.13	10.05	5.54	7.62	4.82
2	4.56	4.24	4.61	4.33	4.56	4.57	4.43	4.07	9.32	4.72	4.99	4.77
3	4.67	4.18	4.46	4.89	4.48	5.77	6.69	4.04	7.35	4.83	4.94	5.36
4	4.42	4.04	4.29	4.65	4.45	10.14	7.37	4.02	7.43	8.57	5.11	6.55
5	4.67	4.14	4.81	4.39	4.63	6.31	6.59	3.99	5.03	7.85	5.72	4.89
6	5.81	4.02	5.36	4.38	4.76	4.89	4.73	3.97	5.46	4.75	5.20	4.32
7	4.33	4.57	5.20	4.35	4.46	4.69	4.61	3.97	6.47	4.53	5.11	4.35
8	4.27	4.89	4.57	5.76	4.40	4.58	4.44	3.99	6.13	4.35	5.03	4.22
9	4.23	11.12	4.53	5.70	4.65	4.59	4.32	4.03	4.80	4.33	5.07	4.21
10	4.26	7.51	4.42	5.10	5.18	4.49	4.29	4.02	4.32	4.39	5.10	4.70
11	5.05	5.26	4.35	4.59	4.44	4.46	4.25	4.20	4.51	4.36	5.30	4.39
12	6.07	4.29	4.44	5.28	4.99	8.09	4.23	4.33	4.28	4.49	5.39	4.31
13	4.90	4.36	4.53	4.79	5.22	11.98	4.24	3.95	4.40	4.46	8.43	4.29
14	4.57	4.53	5.85	4.61	4.61	6.83	4.21	3.84	4.15	4.42	7.14	4.23
15	3.90	4.40	5.32	4.61	4.53	13.88	5.97	3.79	4.09	4.50	5.73	4.18
16	4.12	4.90	7.34	4.49	4.76	8.97	5.35	3.85	4.40	4.57	5.05	4.19
17	4.89	5.09	6.95	4.61	7.74	6.16	4.35	3.84	4.01	4.52	4.86	4.18
18	4.33	4.91	5.22	5.24	5.26	4.74	4.17	3.94	3.91	4.57	4.75	4.20
19	4.44	6.49	5.51	10.16	4.56	4.71	4.16	5.45	3.85	4.55	4.75	4.21
20	4.48	5.99	4.93	9.81	4.48	10.84	4.13	6.38	3.89	5.15	4.73	4.29
21	4.70	5.28	4.50	6.73	4.45	8.59	4.05	4.30	3.86	4.77	4.55	4.34
22	4.18	4.96	4.58	5.22	9.78	5.84	4.00	4.30	5.05	4.61	4.83	4.17
23	4.44	4.92	4.89	4.96	7.47	4.92	4.00	4.17	5.47	4.56	4.77	4.50
24	4.77	4.36	4.52	5.11	5.12	4.58	4.47	3.92	4.26	4.43	4.74	7.83
25	3.98	7.50	4.27	4.63	6.33	4.47	4.73	4.38	4.77	11.52	4.72	6.07
26	4.00	5.43	4.59	4.52	6.68	4.47	4.45	4.17	4.69	8.53	4.59	4.47
27	4.50	4.58	4.85	4.48	5.23	4.86	3.97	3.90	4.22	5.21	5.42	4.10
28	4.51	5.22	4.84	4.44	4.70	4.54	4.02	4.42	4.27	4.88	4.96	3.89
29	3.98	5.03	4.92	4.49	---	6.51	4.06	9.14	4.89	5.36	5.30	3.83
30	3.94	5.09	4.51	6.77	---	7.43	4.14	4.99	4.91	5.80	4.96	3.81
31	4.03	---	4.35	5.70	---	5.50	---	4.17	---	8.78	4.46	---
MEAN	4.49	5.19	4.90	5.26	5.24	6.36	4.64	4.38	5.14	5.42	5.27	4.59
MAX	6.07	11.12	7.34	10.16	9.78	13.88	7.37	9.14	10.05	11.52	8.43	7.83
MIN	3.90	4.02	4.27	4.33	4.40	4.46	3.97	3.79	3.85	4.33	4.46	3.81

STATION NUMBER 02336490 CHATTAHOOCHEE RIVER AT GA 280, NEAR ATLANTA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334901 LONGITUDE 0842848 DRAINAGE AREA 1590.00 DATUM 736.35 STATE 13 COUNTY 121

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

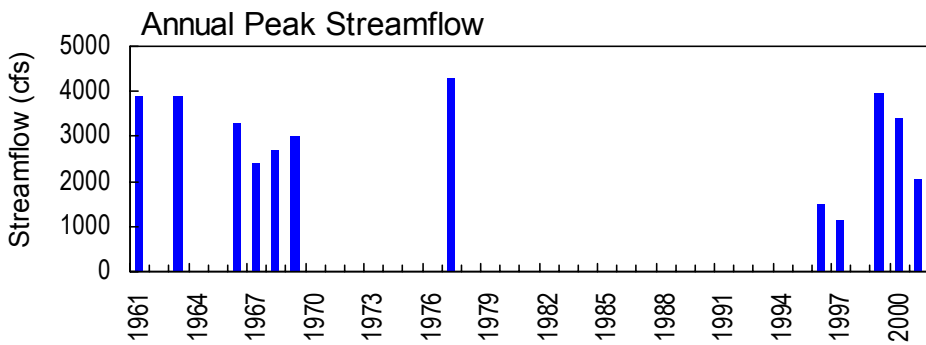
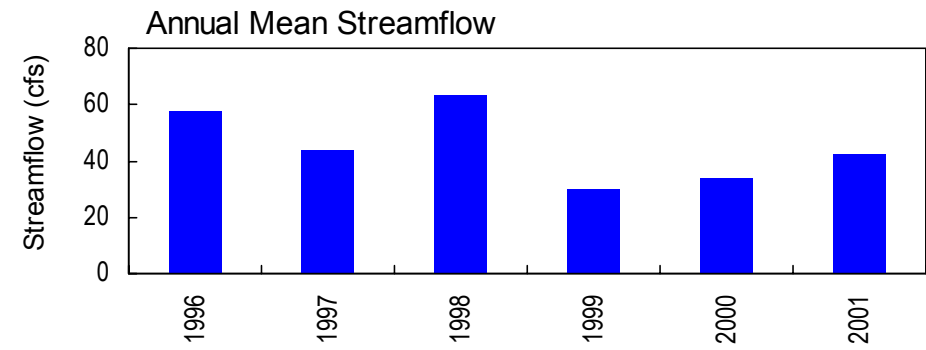
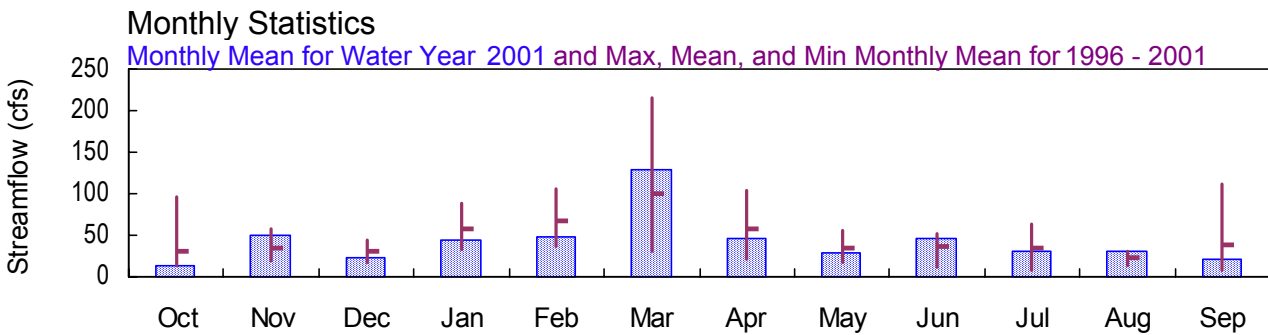
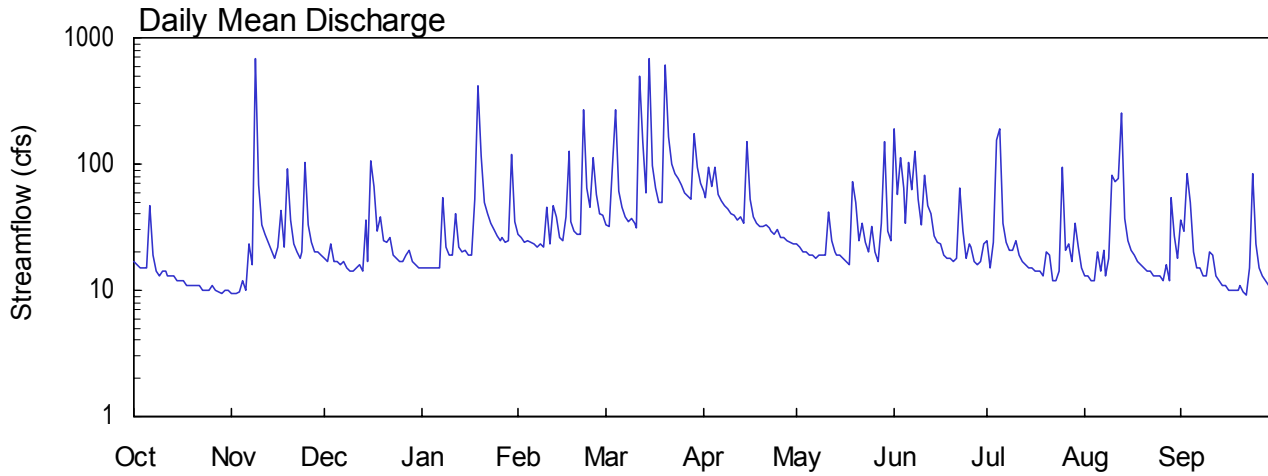
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	1.15	.01	.00	.01
2	---	---	---	---	---	---	---	---	.01	.00	.00	.34
3	---	---	---	---	---	---	---	---	1.29	.70	.00	1.17
4	---	---	---	---	---	---	---	---	.00	1.95	.08	.00
5	---	---	---	---	---	---	---	---	.00	.03	.01	.00
6	---	---	---	---	---	---	---	---	.58	.00	.03	.00
7	---	---	---	---	---	---	---	---	.04	.00	.01	.00
8	---	---	---	---	---	---	---	---	2.01	.00	.00	.00
9	---	---	---	---	---	---	---	---	.00	.10	.06	.00
10	---	---	---	---	---	---	---	.00	.00	.01	.53	.00
11	---	---	---	---	---	---	---	.21	.86	.00	.00	.00
12	---	---	---	---	---	---	---	.00	.08	.00	1.34	.00
13	---	---	---	---	---	---	---	.00	.00	.00	.07	.00
14	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
15	---	---	---	---	---	---	---	.00	.07	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	.67	.00	.00	.00	.04
20	---	---	---	---	---	---	---	.13	.00	.07	.00	.00
21	---	---	---	---	---	---	---	.01	.10	.01	.00	.00
22	---	---	---	---	---	---	---	.31	.88	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.00	.00	.16
24	---	---	---	---	---	---	---	.07	.00	.10	.00	.96
25	---	---	---	---	---	---	---	.09	.13	.50	.00	.00
26	---	---	---	---	---	---	---	.01	.00	.01	.00	.00
27	---	---	---	---	---	---	---	.00	.00	.04	.11	.00
28	---	---	---	---	---	---	---	1.18	.00	.19	.01	.00
29	---	---	---	---	---	---	---	.22	.00	.32	1.14	.00
30	---	---	---	---	---	---	---	.00	.09	.04	.03	.00
31	---	---	---	---	---	---	---	.26	---	.00	.32	---
TOTAL	---	---	---	---	---	---	---	---	7.29	4.08	3.74	2.68

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02336635 NICKAJACK CREEK AT US 78/278, NEAR MABLETON, GA

Latitude: 33° 48' 11" Longitude: 84° 31' 12" Hydrologic Unit Code: 03130002 Cobb County  
 Drainage Area: 31.5 mi<sup>2</sup> Datum: 745 feet Period of Record: 1996 - 2001





**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02336635 NICKAJACK CREEK AT US HIGHWAYS 78 AND 278, NEAR MABLETON, GA**

**LOCATION.**--Lat 33°48'11", long 84°31'12", Cobb County, Hydrologic Unit 03130002, on the left downstream side of bridge on US Highways 78 and 278, 1.5 miles east of Mableton, and 1.2 miles above mouth.

**DRAINAGE AREA.**--31.5 mi<sup>2</sup>.

**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 feet above sea level (from topographic map). Prior to November 11, 1996, gage was located at a site 150 feet downstream on right bank at same datum.

**REMARKS.**--Records good.

**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 feet above sea level (from topographic map). Prior to November 11, 1996, gage was located at a site 150 feet downstream on right bank at same datum.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 10.11 feet, March 15; minimum gage-height recorded, 2.62 feet, October 29.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—December 19, 2000 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02336635 NICKAJACK CREEK AT US 78/278, NEAR MABLETON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334811 LONGITUDE 0843112 DRAINAGE AREA 31.5 DATUM STATE 13 COUNTY 067

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	17	9.5	18	15	28	33	61	23	191	25	13	36
2	16	9.5	17	15	26	32	55	22	58	15	13	29
3	15	9.5	23	15	24	93	93	20	114	24	12	84
4	15	9.7	17	15	25	266	66	20	64	157	12	50
5	15	12	17	15	24	61	94	19	34	190	20	20
6	47	10	16	15	23	45	58	19	104	34	14	15
7	19	23	17	15	22	38	51	18	63	24	21	15
8	14	16	15	55	23	35	47	19	127	21	13	13
9	13	693	14	22	22	37	44	19	52	21	18	13
10	14	69	14	19	45	34	41	19	33	25	82	20
11	14	33	15	19	23	31	39	42	81	19	72	19
12	13	28	16	40	47	493	36	25	47	17	78	13
13	13	24	14	22	38	149	38	20	40	16	255	12
14	13	21	36	20	26	60	34	19	27	15	37	11
15	12	18	17	21	25	681	152	19	24	15	25	11
16	12	22	107	19	38	98	52	18	23	14	21	10
17	12	43	67	19	125	64	38	17	19	14	19	10
18	11	22	29	53	35	50	34	16	18	14	17	10
19	11	92	38	416	29	50	32	73	18	13	16	10
20	11	36	25	117	28	609	32	49	17	20	15	11
21	11	23	24	50	28	162	33	25	18	19	14	9.8
22	11	20	26	41	266	100	31	34	64	12	14	9.2
23	10	18	19	34	65	84	29	24	29	12	13	15
24	10	20	18	30	45	76	28	20	18	14	13	84
25	10	103	17	27	114	68	30	32	23	93	13	23
26	11	33	17	25	57	59	26	20	22	21	12	15
27	10	24	19	26	40	56	26	17	17	23	16	13
28	9.8	20	21	24	39	52	25	34	16	17	12	12
29	9.5	20	17	25	---	176	24	152	17	34	54	11
30	9.9	19	16	120	---	93	23	29	23	22	27	11
31	9.9	---	15	35	---	70	---	25	---	15	18	---
TOTAL	419.1	1500.2	741	1384	1330	3955	1372	908	1401	975	979	615.0
MEAN	13.5	50.0	23.9	44.6	47.5	128	45.7	29.3	46.7	31.5	31.6	20.5
MAX	47	693	107	416	266	681	152	152	191	190	255	84
MIN	9.5	9.5	14	15	22	31	23	16	16	12	12	9.2
CFSM	.43	1.59	.76	1.42	1.51	4.05	1.45	.93	1.48	1.00	1.00	.65
IN.	.49	1.77	.88	1.63	1.57	4.67	1.62	1.07	1.65	1.15	1.16	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	1996	1996	1998	1996	1998	1998	1998	1998	1998	1998	2000	2000
MEAN	31.2	35.3	30.8	57.0	66.8	99.3	57.4	35.4	36.6	33.8	23.6	37.6
MAX	95.5	57.5	43.6	89.1	105	216	103	55.5	52.8	64.3	31.6	112
(WY)	1996	1996	1998	1996	1998	1998	1998	1998	1998	1998	2001	2000
MIN	13.5	19.6	18.2	32.4	36.1	31.6	21.6	16.5	10.7	7.30	13.2	8.39
(WY)	2001	1999	2000	2000	2000	1999	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1996 - 2001

ANNUAL TOTAL	13348.5	15579.3	
ANNUAL MEAN	36.5	42.7	45.3
HIGHEST ANNUAL MEAN			63.3
LOWEST ANNUAL MEAN			30.2
HIGHEST DAILY MEAN	1320	Sep 21	693
LOWEST DAILY MEAN	2.3	Aug 19	9.2
ANNUAL SEVEN-DAY MINIMUM	2.9	Aug 13	9.6
MAXIMUM PEAK FLOW			2070
MAXIMUM PEAK STAGE			10.11
ANNUAL RUNOFF (CFSM)	1.16		1.36
ANNUAL RUNOFF (INCHES)	15.76		18.40
10 PERCENT EXCEEDS	45		83
50 PERCENT EXCEEDS	18		23
90 PERCENT EXCEEDS	6.1		12

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/09/2002 AT: 13:47:31

STATION NUMBER 02336635 NICKAJACK CREEK AT US 78/278, NEAR MABLETON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334811 LONGITUDE 0843112 DRAINAGE AREA 31.5 DATUM STATE 13 COUNTY 067

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	2.86	2.65	2.88	2.82	3.08	3.15	3.51	2.99	4.48	2.99	2.76	3.12
2	2.84	2.65	2.87	2.82	3.04	3.13	3.44	2.96	3.46	2.82	2.75	3.04
3	2.82	2.65	2.98	2.82	3.01	3.75	3.80	2.94	3.79	2.95	2.74	3.49
4	2.81	2.65	2.87	2.83	3.02	4.79	3.55	2.93	3.52	4.00	2.74	3.34
5	2.81	2.74	2.85	2.82	3.01	3.50	3.83	2.92	3.17	4.25	2.89	2.93
6	3.24	2.67	2.83	2.83	2.99	3.32	3.47	2.92	3.62	3.17	2.77	2.82
7	2.91	2.96	2.86	2.81	2.98	3.23	3.39	2.89	3.50	3.01	2.93	2.81
8	2.80	2.82	2.82	3.38	2.98	3.19	3.34	2.91	3.98	2.94	2.76	2.77
9	2.77	6.41	2.80	2.97	2.98	3.21	3.30	2.91	3.40	2.95	2.88	2.75
10	2.78	3.57	2.78	2.91	3.29	3.17	3.26	2.91	3.15	3.02	3.30	2.84
11	2.78	3.15	2.82	2.91	2.99	3.12	3.23	3.22	3.60	2.90	3.52	2.89
12	2.77	3.07	2.83	3.23	3.31	5.18	3.20	3.03	3.33	2.86	3.27	2.75
13	2.76	3.00	2.79	2.96	3.21	4.24	3.22	2.93	3.24	2.84	4.52	2.72
14	2.75	2.95	3.17	2.92	3.04	3.49	3.16	2.90	3.05	2.82	3.18	2.71
15	2.72	2.89	2.87	2.94	3.03	6.27	4.17	2.90	3.02	2.80	2.98	2.70
16	2.72	2.96	3.91	2.91	3.15	3.87	3.40	2.89	2.99	2.80	2.92	2.68
17	2.73	3.27	3.54	2.90	4.00	3.53	3.22	2.86	2.92	2.79	2.87	2.67
18	2.71	2.96	3.09	3.34	3.19	3.38	3.16	2.84	2.88	2.78	2.83	2.68
19	2.69	3.81	3.22	5.32	3.09	3.37	3.14	3.38	2.88	2.76	2.79	2.68
20	2.70	3.19	3.03	4.02	3.07	6.19	3.14	3.35	2.86	2.88	2.77	2.69
21	2.69	2.99	3.01	3.37	3.08	4.41	3.15	3.03	2.88	2.90	2.76	2.66
22	2.69	2.93	3.03	3.25	4.68	3.91	3.13	3.15	3.40	2.73	2.75	2.64
23	2.68	2.90	2.90	3.16	3.55	3.75	3.09	3.01	3.08	2.73	2.73	2.71
24	2.68	2.91	2.88	3.11	3.31	3.66	3.08	2.93	2.89	2.77	2.72	3.74
25	2.68	3.88	2.87	3.06	3.91	3.58	3.10	3.13	2.95	3.70	2.71	2.98
26	2.69	3.14	2.87	3.03	3.46	3.48	3.04	2.92	2.97	2.95	2.69	2.80
27	2.67	3.00	2.90	3.04	3.25	3.45	3.04	2.86	2.86	2.95	2.76	2.76
28	2.66	2.94	2.95	3.01	3.23	3.41	3.03	3.14	2.83	2.87	2.70	2.73
29	2.65	2.92	2.86	3.03	---	4.33	3.00	4.11	2.87	3.10	3.22	2.71
30	2.66	2.92	2.84	3.96	---	3.83	2.98	3.10	2.98	2.95	3.01	2.69
31	2.66	---	2.82	3.19	---	3.60	---	3.02	---	2.80	2.84	---
MEAN	2.75	3.12	2.96	3.15	3.25	3.82	3.29	3.03	3.22	2.99	2.94	2.85
MAX	3.24	6.41	3.91	5.32	4.68	6.27	4.17	4.11	4.48	4.25	4.52	3.74
MIN	2.65	2.65	2.78	2.81	2.98	3.12	2.98	2.84	2.83	2.73	2.69	2.64

STATION NUMBER 02336635 NICKAJACK CREEK AT US 78/278, NEAR MABLETON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334811 LONGITUDE 0843112 DRAINAGE AREA 31.5 DATUM STATE 13 COUNTY 067

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	---	---	---	.00	.00	.00	.01	.00	.87	.00	.00	.01
2	---	---	---	.00	.00	.19	.00	.00	.00	.02	.00	.35
3	---	---	---	.00	.00	1.36	.46	.00	.87	.63	.00	1.18
4	---	---	---	.00	.00	.02	.02	.00	.00	1.42	.02	.00
5	---	---	---	.00	.00	.00	.67	.00	.00	.00	.00	.00
6	---	---	---	.00	.00	.00	.00	.02	.36	.01	.11	.00
7	---	---	---	.11	.00	.00	.00	.00	.03	.00	.08	.00
8	---	---	---	.46	.00	.00	.00	.00	1.56	.00	.00	.00
9	---	---	---	.00	.16	.00	.00	.00	.00	.47	.00	.00
10	---	---	---	.00	.18	.00	.00	.08	.00	.01	1.28	.00
11	---	---	---	.16	.00	.00	.00	.25	.79	.00	.00	.00
12	---	---	---	.23	.66	1.84	.00	.00	.12	.00	.70	.00
13	---	---	---	.00	.01	.00	.05	.00	.00	.00	.14	.00
14	---	---	---	.00	.01	.29	.00	.00	.00	.00	.01	.00
15	---	---	---	.00	.00	1.47	.99	.00	.05	.00	.00	.00
16	---	---	---	.00	.99	.00	.00	.00	.00	.00	.00	.00
17	---	---	---	.01	.02	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	.70	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	.09	1.24	.00	.39	.00	.78	.00	.00	.01	.03
20	---	---	.00	.02	.01	1.66	.00	.21	.00	.12	.00	.00
21	---	---	.02	---	.00	.00	.00	.00	.36	.01	.00	.00
22	---	---	.00	---	1.14	.00	.00	.35	.70	.00	.00	.00
23	---	---	.06	---	.00	.00	.00	.00	.00	.00	.00	.25
24	---	---	.07	---	.00	.00	.16	.08	.00	1.81	.00	.89
25	---	---	.00	---	.72	.00	.02	.10	.00	.23	.00	.01
26	---	---	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	---	---	.09	.00	.05	.00	.00	.01	.00	.00	1.24	.00
28	---	---	.07	.00	.05	.00	.00	1.10	.00	.22	.01	.00
29	---	---	.01	.49	---	1.06	.00	.18	.00	.33	1.05	.00
30	---	---	.00	.36	---	.00	.00	.00	.09	.01	.03	.00
31	---	---	.00	.00	---	.01	---	.30	---	.00	.39	---
TOTAL	---	---	---	---	4.00	8.29	2.38	3.46	5.80	5.29	5.07	2.72

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02336962 NOSES CREEK AT MACLAND ROAD, NEAR MACLAND, GA**

**LOCATION.**--Lat 33°53'59", long 84°37'49", 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<sup>2</sup>.

**COOPERATION.**—Cobb County Water System.

**PEAK-STAGE RECORDS**

**PERIOD OF RECORD.**--May 27, 1998 to present.

**GAGE.**--Crest-stage partial-record gage. Datum of gage is 880 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 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:** 9.91 feet, November 9

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02336966 NOSES CREEK AT MACDONIA ROAD, NEAR POWDER SPRINGS, GA**

**LOCATION.**--Lat 33°52'31", long 84°38'36", 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<sup>2</sup>.

**COOPERATION.**—Cobb County Water System.

**PEAK-STAGE RECORDS**

**PERIOD OF RECORD.**--May 27, 1998 to present.

**GAGE.**--Crest-stage partial-record gage. Datum of gage is 880 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 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.**—

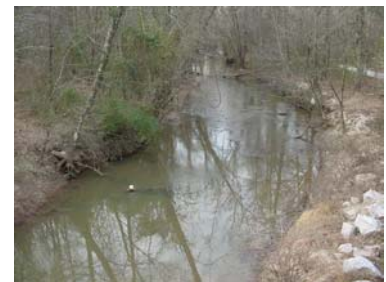
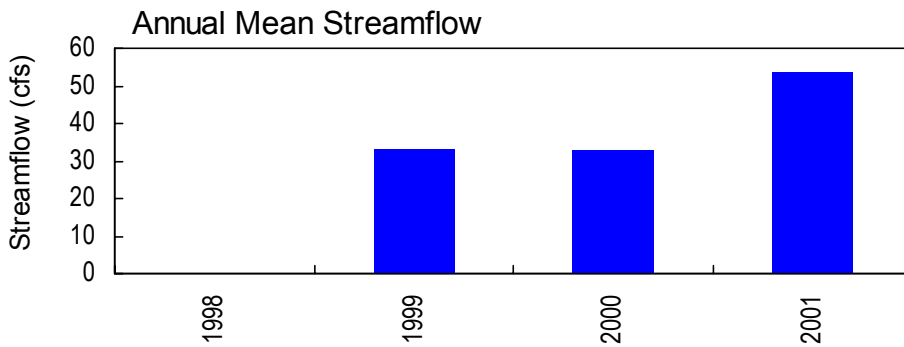
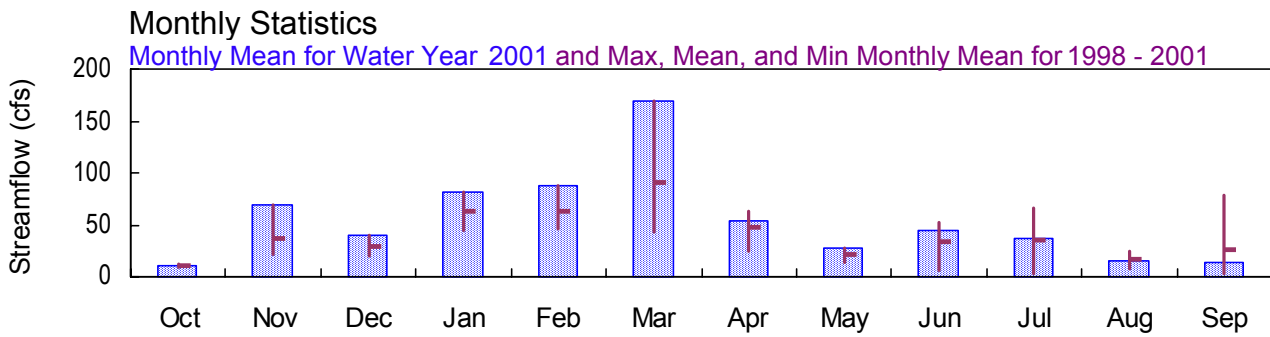
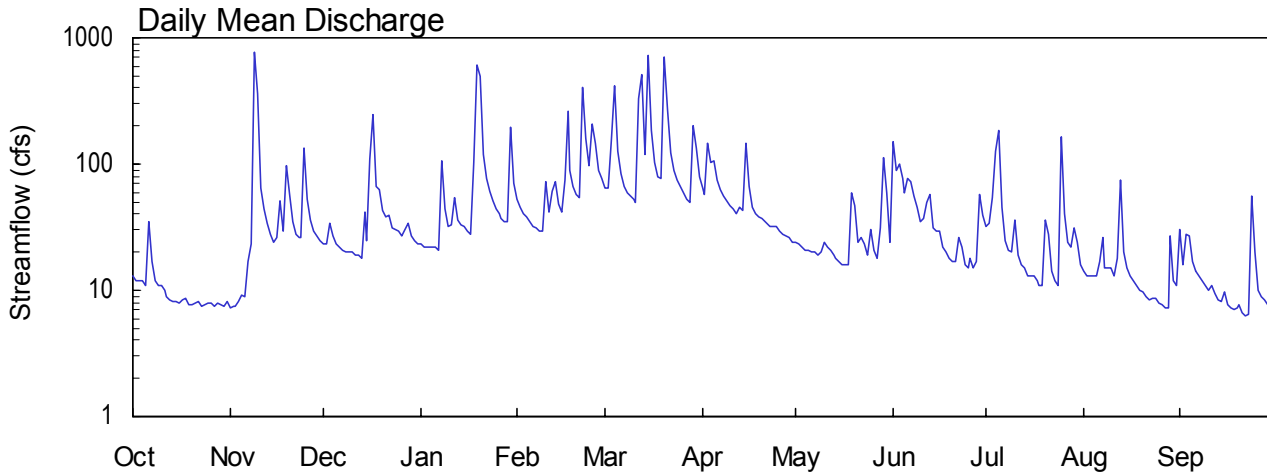
**STAGE:** 10.05 feet, November 9

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 895 feet Period of Record: 1998 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02336968 NOSES CREEK AT POWDER SPRINGS ROAD, NEAR POWDER SPRINGS, GA**

**LOCATION.**--Lat 33°51'33", long 84°39'10", 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<sup>2</sup>.

**COOPERATION.**—Cobb County Water System.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--July 1998 to current year.

**GAGE.**--Satellite telemetry with a water-stage recorder. Datum of gage is 882.8 feet above sea level (levels by Cobb County).

**REMARKS.**--Records good, except for those periods of estimated daily discharge, which are poor.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--July 1998 to current year.

**GAGE.**--Satellite telemetry with a water-stage recorder. Datum of gage is 882.8 feet above sea level (levels by Cobb County).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 9.82 feet, November 9; minimum gage-height recorded, 1.33 feet, August 27, September 29-30.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--December 18, 2000 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.



STATION NUMBER 02336968 NOSES CREEK AT POWDER SPRINGS RD, POWDER SPRINGS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335133 LONGITUDE 0843910 DRAINAGE AREA 44.5 DATUM 880 STATE 13 COUNTY 067

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	13	7.3	23	23	52	65	65	24	e150	e32	14	30
2	12	7.4	23	22	46	65	57	23	e90	e34	13	16
3	12	7.5	34	22	40	153	145	22	e101	e54	13	28
4	12	8.1	27	22	38	415	102	21	e77	e126	13	27
5	11	9.2	23	22	35	126	106	21	59	e187	13	17
6	35	8.9	22	22	32	85	74	20	78	e45	17	14
7	17	17	21	21	31	67	63	20	72	e25	26	13
8	12	23	20	107	29	59	56	19	56	e21	15	12
9	11	765	20	44	29	56	51	20	45	e20	15	e11
10	11	358	20	32	73	52	47	24	35	e36	15	e10
11	10	65	19	33	42	49	44	22	37	e19	13	e11
12	8.9	44	19	54	61	333	41	21	50	e16	18	e9.4
13	8.4	34	18	36	73	514	45	19	58	e15	75	e8.3
14	8.1	28	42	33	48	118	43	18	31	e13	20	e8.1
15	8.2	24	25	32	42	733	144	17	29	e13	15	e9.6
16	7.9	26	110	29	74	185	66	16	29	e13	13	e7.7
17	8.4	51	248	28	265	103	46	16	22	e12	12	e7.2
18	8.7	29	66	104	88	79	40	16	20	e11	11	e7.0
19	7.7	96	63	604	67	77	38	59	18	e11	10	e7.2
20	7.6	57	43	493	57	698	37	47	17	e36	9.6	e7.7
21	7.9	35	38	118	54	266	35	24	17	28	9.0	e6.7
22	8.2	28	39	78	408	121	33	26	26	14	8.5	e6.3
23	7.5	26	31	61	158	89	32	23	22	12	e8.6	e6.4
24	7.6	26	30	51	96	75	32	19	16	11	e8.7	e56
25	7.9	135	29	44	208	67	32	30	15	163	7.9	e20
26	7.9	52	27	40	147	59	29	21	18	40	e7.6	10
27	7.5	36	30	37	89	53	28	18	15	24	e7.3	8.9
28	7.9	29	34	35	76	50	27	e31	17	22	e7.2	8.5
29	7.6	27	27	35	---	202	26	e112	58	31	e27	7.6
30	7.4	25	25	194	---	135	24	e60	e39	24	12	7.2
31	8.1	---	23	71	---	79	---	e24	---	16	11	---
TOTAL	315.4	2084.4	1219	2547	2458	5228	1608	853	1317	1124	465.4	398.8
MEAN	10.2	69.5	39.3	82.2	87.8	169	53.6	27.5	43.9	36.3	15.0	13.3
MAX	35	765	248	604	408	733	145	112	150	187	75	56
MIN	7.4	7.3	18	21	29	49	24	16	15	11	7.2	6.3
CFSM	.23	1.56	.88	1.85	1.97	3.79	1.20	.62	.99	.81	.34	.30
IN.	.26	1.74	1.02	2.13	2.05	4.37	1.34	.71	1.10	.94	.39	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

	1998	1999	2000	2001	1998	1999	2000	2001	1998	1999	2000	2001
MEAN	10.7	37.5	28.9	62.9	62.9	90.7	47.0	21.7	34.1	35.3	17.6	26.7
MAX	12.7	69.5	39.3	82.2	87.8	169	63.4	27.5	52.0	66.6	24.2	77.8
(WY)	2000	2001	2001	2001	2001	2001	2000	2001	1999	2000	2000	2000
MIN	9.08	21.0	19.7	44.6	45.5	43.3	24.1	13.6	6.42	2.89	7.65	3.49
(WY)	1999	1999	2000	2000	2000	1999	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1998 - 2001

ANNUAL TOTAL	13875.96	19618.0		
ANNUAL MEAN	37.9	53.7	39.8	
HIGHEST ANNUAL MEAN			53.7	2001
LOWEST ANNUAL MEAN			32.6	2000
HIGHEST DAILY MEAN	765	Nov 9	765	Nov 9
LOWEST DAILY MEAN	.09	Aug 19	6.3	Sep 22
ANNUAL SEVEN-DAY MINIMUM	.35	Aug 13	6.9	Sep 17
MAXIMUM PEAK FLOW			1220	Nov 9
MAXIMUM PEAK STAGE			9.82	Nov 9
INSTANTANEOUS LOW FLOW				12.60
ANNUAL RUNOFF (CFSM)	.85		1.21	.89
ANNUAL RUNOFF (INCHES)	11.60		16.40	12.14
10 PERCENT EXCEEDS	59		105	70
50 PERCENT EXCEEDS	21		27	20
90 PERCENT EXCEEDS	2.7		8.4	6.9

STATISTICS COMPUTED BY: agotvald

DATE: 11/19/2001 AT: 09:03:06

e Estimated

STATION NUMBER 02336968 NOSES CREEK AT POWDER SPRINGS RD, POWDER SPRINGS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335133 LONGITUDE 0843910 DRAINAGE AREA 44.5 DATUM 880 STATE 13 COUNTY 067

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	1.66	1.43	1.84	1.84	2.33	2.48	2.43	1.83	---	---	1.60	1.91
2	1.60	1.43	1.84	1.82	2.24	2.48	2.32	1.82	---	---	1.58	1.66
3	1.62	1.43	2.03	1.82	2.17	3.36	3.19	1.80	---	---	1.55	1.87
4	1.60	1.46	1.91	1.83	2.14	5.31	2.87	1.77	---	---	1.56	1.88
5	1.58	1.51	1.85	1.82	2.11	3.14	2.91	1.77	2.35	---	1.57	1.68
6	2.00	1.49	1.82	1.82	2.06	2.72	2.55	1.75	2.53	---	1.66	1.59
7	1.76	1.71	1.81	1.81	2.03	2.51	2.41	1.75	2.52	---	1.85	1.57
8	1.62	1.87	1.79	2.88	2.01	2.42	2.31	1.73	2.32	---	1.62	1.53
9	1.58	7.30	1.77	2.18	2.01	2.38	2.25	1.75	2.17	---	1.62	---
10	1.58	4.71	1.77	2.01	2.56	2.32	2.20	1.82	2.02	---	1.62	---
11	1.54	2.45	1.76	2.01	2.19	2.28	2.15	1.79	2.04	---	1.57	---
12	1.49	2.17	1.77	2.30	2.42	4.38	2.10	1.77	2.21	---	1.63	---
13	1.47	2.03	1.73	2.06	2.57	5.81	2.16	1.73	2.33	---	2.48	---
14	1.46	1.93	2.14	2.02	2.27	3.05	2.14	1.69	1.95	---	1.75	---
15	1.46	1.86	1.89	2.01	2.19	7.20	3.20	1.69	1.92	---	1.62	---
16	1.45	1.90	2.88	1.95	2.50	3.66	2.45	1.66	1.93	---	1.57	---
17	1.47	2.26	4.07	1.94	4.24	2.89	2.18	1.64	1.80	---	1.52	---
18	1.49	1.96	2.47	2.78	2.76	2.62	2.10	1.64	1.74	---	1.49	---
19	1.44	2.78	2.42	6.39	2.51	2.58	2.07	2.24	1.70	---	1.46	---
20	1.44	2.35	2.16	5.70	2.39	6.99	2.06	2.18	1.69	---	1.44	---
21	1.45	2.04	2.09	3.06	2.35	4.27	2.02	1.84	1.67	1.88	1.42	---
22	1.46	1.95	2.11	2.64	5.12	3.08	2.00	1.86	1.82	1.61	1.40	---
23	1.43	1.90	1.99	2.43	3.43	2.74	1.97	1.80	1.79	1.53	---	---
24	1.44	1.90	1.98	2.32	2.84	2.57	1.97	1.72	1.66	1.49	---	---
25	1.45	3.18	1.95	2.22	3.77	2.46	1.98	1.94	1.62	3.24	1.37	---
26	1.45	2.29	1.92	2.16	3.33	2.35	1.93	1.77	1.69	2.08	---	1.47
27	1.44	2.06	1.96	2.13	2.77	2.28	1.91	1.69	1.63	1.83	---	1.42
28	1.45	1.96	2.03	2.10	2.62	2.24	1.89	---	1.68	1.78	---	1.40
29	1.44	1.92	1.93	2.10	---	3.57	1.87	---	2.28	1.92	---	1.36
30	1.43	1.89	1.88	3.69	---	3.20	1.84	---	---	1.82	1.52	1.34
31	1.46	---	1.84	2.56	---	2.61	---	---	---	1.66	1.49	---
MEAN	1.52	2.24	2.05	2.46	2.64	3.29	2.25	---	---	---	---	---
MAX	2.00	7.30	4.07	6.39	5.12	7.20	3.20	---	---	---	---	---
MIN	1.43	1.43	1.73	1.81	2.01	2.24	1.84	---	---	---	---	---

STATION NUMBER 02336968 NOSES CREEK AT POWDER SPRINGS RD, POWDER SPRINGS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 335133 LONGITUDE 0843910 DRAINAGE AREA 44.5 DATUM 880 STATE 13 COUNTY 067

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

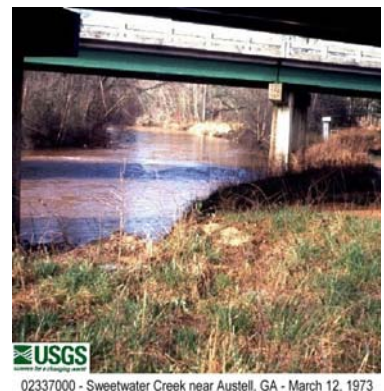
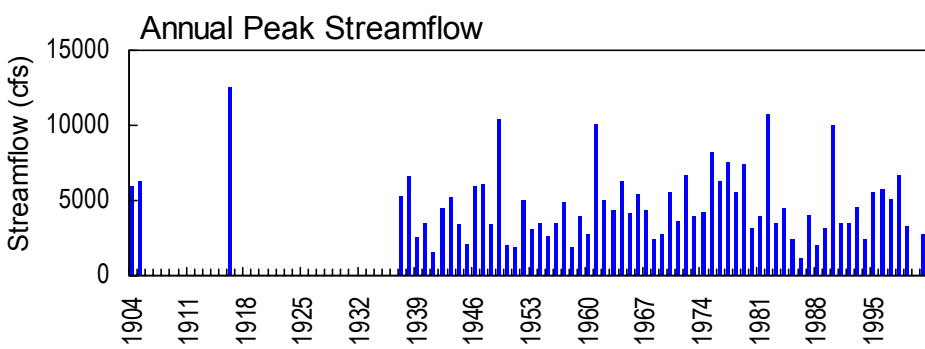
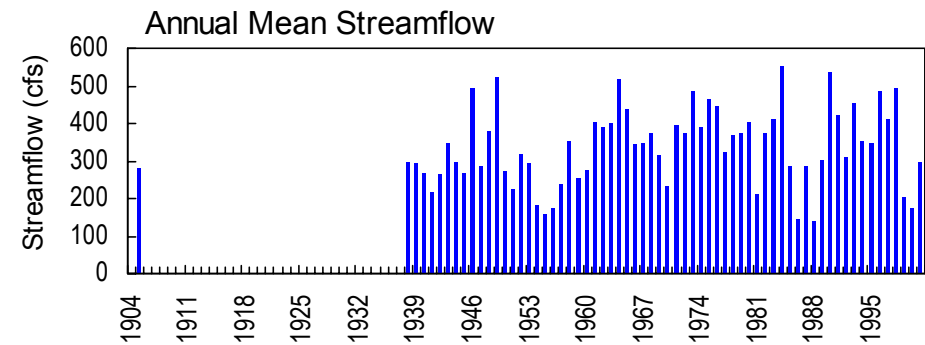
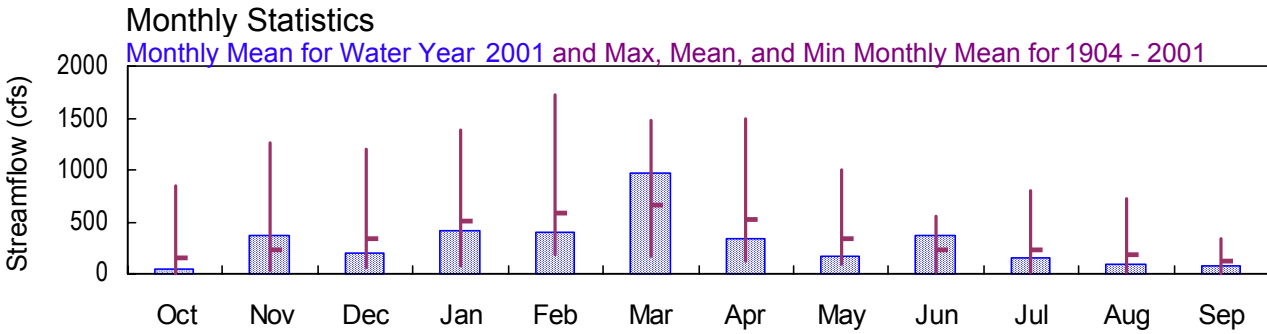
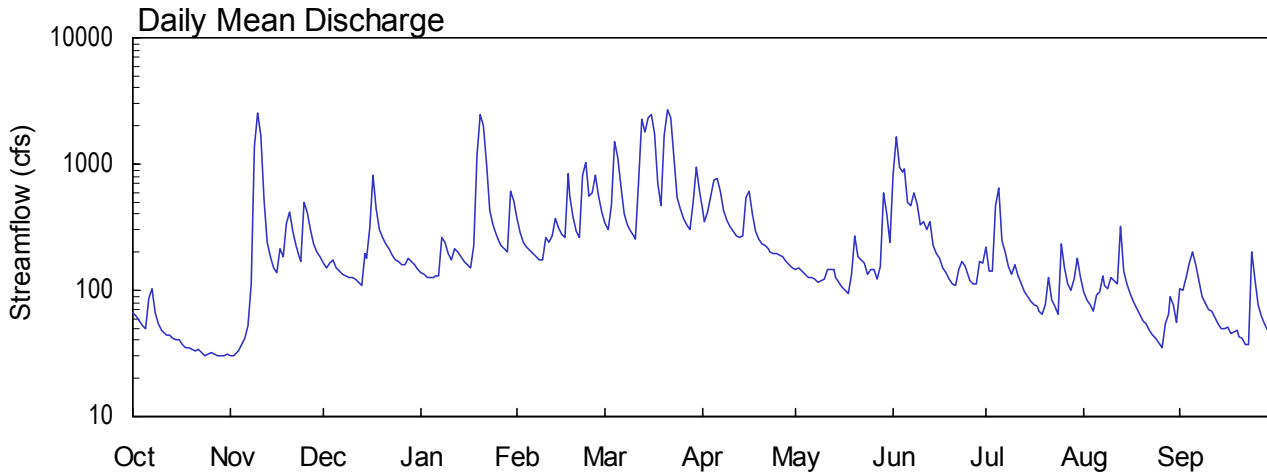
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	.00	.00	.00	.01	.00	1.90	---	.00	.03
2	---	---	---	.01	.00	.28	.00	.00	.01	---	.00	.37
3	---	---	---	.00	.00	1.23	.41	.00	.38	---	.00	.61
4	---	---	---	.00	.00	.03	.17	.00	.00	---	.00	.02
5	---	---	---	.00	.00	.00	.09	.00	.00	---	.00	.00
6	---	---	---	.00	.00	.00	.00	.00	.69	---	.09	.00
7	---	---	---	.19	.00	.00	.00	.00	.03	---	.00	.00
8	---	---	---	.42	.00	.00	.00	.00	.48	---	.00	.00
9	---	---	---	.00	.28	.00	.00	.07	.00	---	.00	---
10	---	---	---	.00	.16	.00	.00	.30	.00	---	.23	---
11	---	---	---	.14	.00	.00	.00	.40	.28	---	.02	---
12	---	---	---	.09	.61	1.94	.00	.00	.58	---	.42	---
13	---	---	---	.00	.00	.01	.13	.00	.01	---	.29	---
14	---	---	---	.01	.01	.32	.00	.00	.00	---	.00	---
15	---	---	---	.02	.00	1.31	1.20	.00	.05	---	.00	---
16	---	---	---	.00	.94	.00	.00	.00	.00	---	.00	---
17	---	---	---	.02	.03	.00	.00	.00	.00	---	.00	---
18	---	---	.06	.99	.00	.00	.00	.00	.00	---	.00	---
19	---	---	.03	1.75	.00	.58	.00	1.78	.00	---	.00	---
20	---	---	.00	.02	.00	1.63	.00	.01	.00	---	.00	---
21	---	---	.08	.00	.00	.02	.00	.01	.04	.00	.00	---
22	---	---	.00	.00	1.30	.00	.00	.30	.36	.00	---	---
23	---	---	.01	.00	.00	.00	.00	.00	.00	.00	---	---
24	---	---	.01	.00	.00	.03	.07	.22	.00	.00	---	---
25	---	---	.00	.00	.69	.00	.02	.22	.00	1.17	---	---
26	---	---	.00	.00	.00	.00	.00	.00	.00	.00	---	.00
27	---	---	.15	.00	.07	.00	.00	---	.00	.02	---	.00
28	---	---	.03	.00	.06	.00	.00	---	.09	.33	---	.00
29	---	---	.00	.62	---	1.04	.00	---	.01	.96	---	.00
30	---	---	.00	.37	---	.01	.00	---	---	.00	.03	.00
31	---	---	.00	.00	---	.00	---	---	---	.00	.59	---
TOTAL	---	---	---	4.65	4.15	8.43	2.10	---	---	---	---	---

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 857.0 feet Period of Record: 1904 - 2001



02337000 - Sweetwater Creek near Austell, GA - March 12, 1973

**APALACHICOLA RIVER BASIN**  
**2001 Water Year**

**02337000 SWEETWATER CREEK NEAR AUSTELL, GA**

**LOCATION.**—Lat 33°46'22", long 84°36'53", Douglas County, Hydrologic Unit 03130002, on right bank 100 feet upstream from bridge on Interstate Highway 20, 400 feet upstream from Blair Bridge, 3.0 miles southeast of Austell, and 5.5 miles upstream from mouth.

**DRAINAGE AREA.**—246 mi<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**—Peak discharges greater than a base discharge of 1,800 ft<sup>3</sup>/s and maximum(\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Nov. 10	1230	2,640	8.07
Jan. 20	1530	2,650	8.09
Mar. 13	1515	2,410	7.52
Mar. 16	0315	2,730	8.28
Mar. 21	0930	*2,760	8.34
Jun 2	0630	1890	6.25

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (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, 8.34 feet, March 21; minimum gage-height recorded, 0.51 feet, October 28-30, Nov. 2.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—February 14, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02337000 SWEETWATER CREEK NEAR AUSTELL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334622 LONGITUDE 0843653 DRAINAGE AREA 246.00 DATUM 857.01 STATE 13 COUNTY 097

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	66	30	163	137	369	344	431	148	833	218	98	104
2	62	30	150	133	282	300	349	149	1620	142	85	100
3	57	31	165	e126	242	468	413	140	941	143	76	e125
4	53	33	175	e125	220	1500	559	133	871	464	68	e162
5	50	37	152	e126	207	1120	743	127	928	642	91	e200
6	87	42	141	131	194	662	768	128	494	245	96	e160
7	102	52	135	129	184	403	614	123	472	200	129	e120
8	67	114	131	263	176	332	430	115	e600	156	109	88
9	54	1370	127	239	175	295	357	118	486	132	103	80
10	48	2510	127	198	263	272	320	121	335	160	126	70
11	46	1680	122	174	239	251	294	144	354	130	120	69
12	44	523	116	215	270	717	270	146	299	112	113	61
13	44	237	e110	201	367	2230	261	145	353	98	324	55
14	42	183	e197	182	314	1800	266	127	228	88	141	49
15	40	149	178	170	274	2330	542	116	193	82	113	49
16	40	137	316	161	262	2500	614	107	180	77	93	51
17	37	211	819	152	834	1720	410	99	152	74	82	45
18	35	185	442	227	556	695	293	93	137	69	73	47
19	35	338	e300	1150	377	465	254	134	124	64	64	48
20	34	415	e265	2480	294	1680	236	266	114	76	58	43
21	33	296	e233	2040	264	2670	223	186	110	125	54	42
22	34	223	216	999	814	2330	213	172	147	83	48	37
23	32	185	191	429	1030	1140	204	162	170	75	44	37
24	30	167	174	327	556	547	198	132	155	65	42	204
25	31	490	167	277	588	442	197	144	131	230	38	124
26	32	418	160	242	808	372	190	146	119	149	35	78
27	31	301	158	225	560	331	183	124	113	113	55	62
28	30	235	181	211	413	306	169	157	114	101	64	55
29	30	204	171	199	---	498	160	595	169	123	89	48
30	30	183	158	607	---	946	151	409	162	178	78	41
31	31	---	144	508	---	604	---	237	---	126	56	---
TOTAL	1387	11009	6284	12783	11132	30270	10312	5143	11104	4740	2765	2454
MEAN	44.7	367	203	412	398	976	344	166	370	153	89.2	81.8
MAX	102	2510	819	2480	1030	2670	768	595	1620	642	324	204
MIN	30	30	110	125	175	251	151	93	110	64	35	37
CFSM	.18	1.49	.82	1.68	1.62	3.97	1.40	.67	1.50	.62	.36	.33
IN.	.21	1.66	.95	1.93	1.68	4.58	1.56	.78	1.68	.72	.42	.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2001, BY WATER YEAR (WY)

	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
MEAN	158	228	342	509	587	664	523	332	225	231	179	122
MAX	852	1265	1196	1378	1727	1473	1494	1007	560	805	722	346
(WY)	1990	1949	1984	1972	1961	1990	1979	1991	1989	1905	1904	1950
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1904 - 2001

ANNUAL TOTAL	73364.9	109383	
ANNUAL MEAN	200	300	338
HIGHEST ANNUAL MEAN			553
LOWEST ANNUAL MEAN			141
HIGHEST DAILY MEAN	2510	Nov 10	2670
LOWEST DAILY MEAN	2.2	Jul 22	30
ANNUAL SEVEN-DAY MINIMUM	3.3	Jul 17	30
MAXIMUM PEAK FLOW			2760
MAXIMUM PEAK STAGE			8.34
INSTANTANEOUS LOW FLOW			29
ANNUAL RUNOFF (CFSM)	.81	1.22	1.37
ANNUAL RUNOFF (INCHES)	11.09	16.54	18.68
10 PERCENT EXCEEDS	367	614	675
50 PERCENT EXCEEDS	126	162	196
90 PERCENT EXCEEDS	20	46	59

STATISTICS COMPUTED BY: kerestes DATE: 03/15/2002 AT: 11:51:56

e Estimated

STATION NUMBER 02337000 SWEETWATER CREEK NEAR AUSTELL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334622 LONGITUDE 0843653 DRAINAGE AREA 246.00 DATUM 857.01 STATE 13 COUNTY 097

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	.91	.52	1.59	1.45	2.42	2.35	2.62	1.51	3.53	1.83	1.17	1.21
2	.87	.52	1.52	1.42	2.12	2.19	2.36	1.52	5.57	1.47	1.06	1.18
3	.83	.53	1.59	---	1.95	2.70	2.53	1.47	3.89	1.46	.98	---
4	.79	.57	1.64	---	1.85	5.28	2.95	1.42	3.72	2.69	.92	---
5	.75	.61	1.53	---	1.79	4.32	3.40	1.38	3.86	3.14	1.11	---
6	1.05	.67	1.47	1.41	1.73	3.20	3.47	1.39	2.77	1.95	1.16	---
7	1.19	.77	1.43	1.40	1.68	2.53	3.08	1.35	2.69	1.75	1.39	---
8	.91	1.27	1.40	2.01	1.65	2.31	2.61	1.30	---	1.55	1.26	1.09
9	.79	4.93	1.38	1.93	1.64	2.17	2.39	1.32	2.76	1.41	1.21	1.02
10	.74	7.75	1.38	1.74	2.03	2.08	2.26	1.34	2.31	1.56	1.37	.94
11	.71	5.71	1.35	1.64	1.93	1.99	2.17	1.48	2.34	1.40	1.33	.93
12	.70	2.81	1.34	1.82	2.06	3.23	2.07	1.50	2.18	1.28	1.24	.87
13	.69	1.92	---	1.75	2.42	7.07	2.03	1.49	2.36	1.17	2.23	.81
14	.67	1.68	---	1.67	2.24	6.02	2.05	1.38	1.88	1.09	1.46	.75
15	.65	1.51	1.65	1.62	2.09	7.32	2.85	1.31	1.72	1.04	1.28	.74
16	.64	1.44	2.20	1.58	2.03	7.73	3.08	1.24	1.66	1.00	1.13	.77
17	.61	1.80	3.59	1.53	3.62	5.82	2.55	1.18	1.53	.97	1.04	.71
18	.58	1.69	2.64	1.85	2.94	3.28	2.16	1.13	1.44	.93	.96	.73
19	.58	2.28	---	4.40	2.45	2.71	2.00	1.33	1.36	.89	.89	.74
20	.57	2.56	---	7.68	2.17	5.70	1.92	2.04	1.29	.99	.84	.69
21	.57	2.17	---	6.61	2.04	8.14	1.86	1.69	1.27	1.35	.79	.67
22	.57	1.86	1.83	4.03	3.52	7.31	1.82	1.63	1.47	1.05	.73	.61
23	.56	1.68	1.71	2.61	4.10	4.39	1.77	1.58	1.62	.98	.70	.60
24	.52	1.61	1.64	2.29	2.94	2.92	1.74	1.41	1.55	.89	.67	1.77
25	.54	2.74	1.60	2.10	3.01	2.65	1.74	1.48	1.40	1.73	.63	1.34
26	.55	2.58	1.57	1.95	3.56	2.44	1.71	1.49	1.33	1.49	.59	1.00
27	.54	2.19	1.56	1.87	2.95	2.30	1.68	1.36	1.28	1.25	.79	.87
28	.52	1.92	1.67	1.80	2.56	2.21	1.62	1.52	1.29	1.19	.88	.81
29	.52	1.77	1.62	1.75	---	2.73	1.57	3.02	1.60	1.31	1.00	.73
30	.52	1.68	1.56	3.05	---	---	1.53	2.54	1.57	1.66	1.01	.66
31	.53	---	1.49	2.82	---	3.06	---	1.92	---	1.37	.81	---
MAX	1.19	7.75	---	---	4.10	---	3.47	3.02	---	3.14	2.23	---



STATION NUMBER 02337000 SWEETWATER CREEK NEAR AUSTELL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 334622 LONGITUDE 0843653 DRAINAGE AREA 246.00 DATUM 857.01 STATE 13 COUNTY 097

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	---	---	---	---	---	.00	.00	.00	1.16	.01	.00	.03
2	---	---	---	---	---	.22	.00	.00	.00	.00	.00	.25
3	---	---	---	---	---	1.44	.62	.00	1.80	.55	.00	---
4	---	---	---	---	---	.01	.27	.00	.00	.63	.00	---
5	---	---	---	---	---	.01	.77	.00	.01	.08	.15	---
6	---	---	---	---	---	.00	.00	.12	.00	.01	.19	---
7	---	---	---	---	---	.00	.00	.01	.03	.00	.55	---
8	---	---	---	---	---	.00	.00	.00	---	.00	.00	.00
9	---	---	---	---	---	.00	.00	.00	.00	.12	.34	.00
10	---	---	---	---	---	.00	.00	.13	.00	.00	.26	.01
11	---	---	---	---	---	.00	.00	.48	.91	.00	.01	.00
12	---	---	---	---	---	2.15	.00	.19	.51	.00	.74	.00
13	---	---	---	---	---	.00	.13	.00	.00	.00	.52	.00
14	---	---	---	---	---	.00	.36	.00	.00	.00	.00	.00
15	---	---	---	---	---	.00	1.48	.88	.00	.04	.00	.00
16	---	---	---	---	---	.95	.01	.00	.00	.01	.00	.00
17	---	---	---	---	---	.02	.00	.00	.00	.00	.00	.00
18	---	---	---	---	---	.00	.00	.00	.00	.00	.01	.00
19	---	---	---	---	---	.00	.56	.00	1.14	.00	.00	.09
20	---	---	---	---	---	.00	1.69	.00	.13	.00	.63	.02
21	---	---	---	---	---	.01	.00	.02	.05	.00	.00	.00
22	---	---	---	---	---	.00	.00	.33	.66	.00	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.55
24	---	---	---	---	---	.00	.12	.05	.00	.26	.00	.52
25	---	---	---	---	---	.00	.03	.11	.00	.00	.00	.01
26	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
27	---	---	---	---	---	.05	.00	.00	.05	.00	.65	.00
28	---	---	---	---	---	.06	.00	.00	.81	.00	.60	.00
29	---	---	---	---	---	---	1.04	.00	.14	.00	.52	1.70
30	---	---	---	---	---	---	.00	.00	.46	.01	.04	.00
31	---	---	---	---	---	.01	---	.32	---	.00	.48	---
TOTAL	---	---	---	---	---	---	2.82	4.03	---	3.44	5.64	---

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337040 SWEETWATER CREEK BELOW AUSTELL, GA**

**LOCATION.**— Lat 33°43'15", long. 84°36'54", Douglas County, Hydrologic Unit 03130002, on left bank where River Road accesses creek, 1.3 miles upstream from mouth, 6.3 miles south of Austell, and 7.8 miles southeast of Douglasville.

**DRAINAGE AREA.**—262.0 mi<sup>2</sup>.

**COOPERATION.**—City of East Point.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**—Measurements made from August 31, 1998 to current water year.

**GAGE.**—Water-stage recorder. Datum of gage is 740.00 feet (from topographic map).

**RATING.**--Rating Number 1.0, effective August 31, 1998 to September 30, 2001.

**REMARKS.**--Records poor due to changing conditions of streambed and inaccuracies of gage-height recorder. Measurements for the 1998 through 2001 water year are as follows:

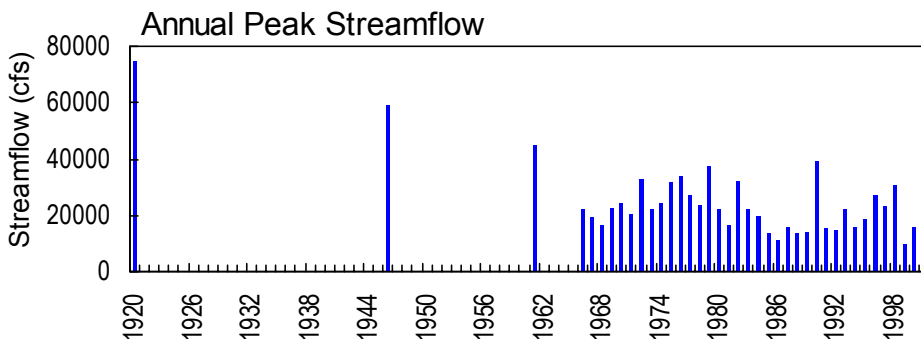
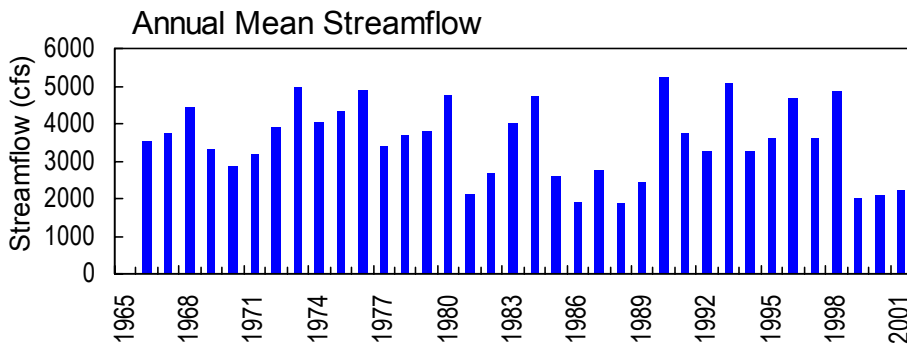
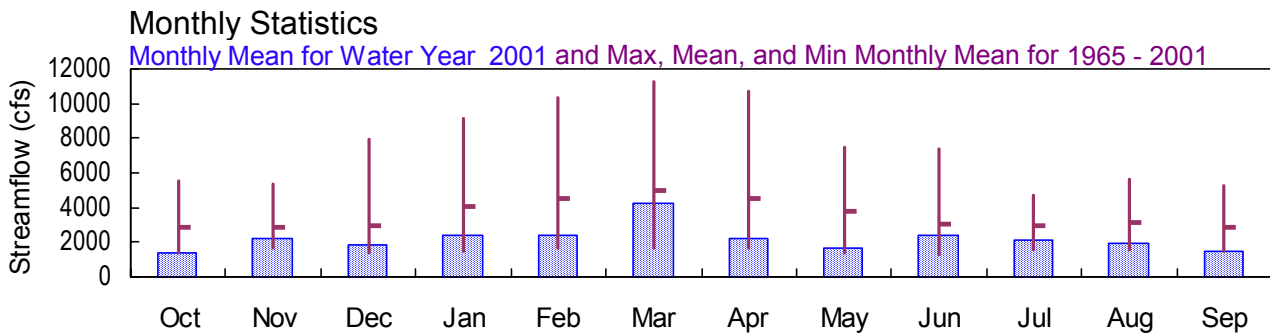
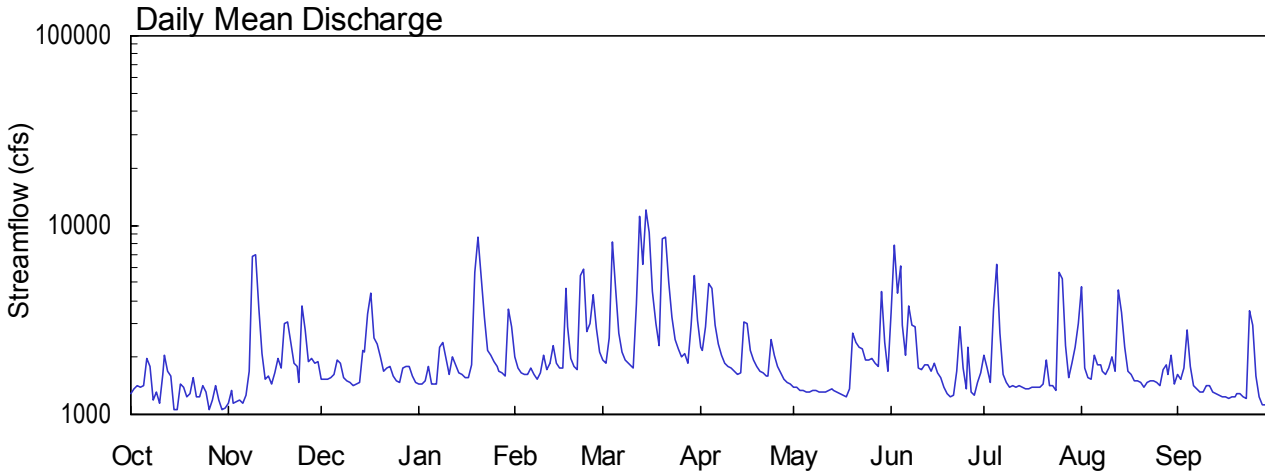
<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
8/31/98	1.98	79.9
10/8/98	2.63	170
11/16/98	2.98	289
1/12/99	2.56	188
2/1/99	8.03	1190
2/10/99	4.08	563
3/26/99	3.33	383
5/10/99	2.92	294
7/20/99	2.62	149
8/18/99	1.06	9.91
9/17/99	0.86	5.21
10/12/99	2.12	117
12/8/99	2.01	74.1
1/14/00	2.52	213
3/10/00	2.24	155
4/26/01	2.30	198
8/13/01	2.96	331
12/6/01	1.42	59.0
2/4/02	2.32	177

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA

Latitude: 33° 39' 24" Longitude: 84° 40' 25" Hydrologic Unit Code: 03130002 Fulton County  
 Drainage Area: 2060 mi<sup>2</sup> Datum: 719.1 feet Period of Record: 1965 - 2001



USGS 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA**

**LOCATION.**--Lat 33°39'24", long 84°40'25", Fulton-Douglas County line, Hydrologic Unit 03130002, at downstream end of bridge pier on GA Highway 92, 1.4 miles downstream from Deep Creek, 8.5 miles northwest of Fairburn, and at mile 281.8.

**DRAINAGE AREA.**--2,060 mi<sup>2</sup>.

**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 sea level (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 sea level (levels by Georgia Department of Transportation).

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 15.33 feet, March 15; Minimum gage-height recorded, 0.17 feet, October 15, September 29.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—February 21, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

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	1280	1140	1530	1450	2020	1950	2280	e1400	e3500	2050	4730	1640
2	1360	1340	1540	1450	1770	1850	2170	e1380	7850	1770	1750	1540
3	1430	1140	1540	1500	1660	2540	2940	e1330	4360	1480	1570	e1750
4	1380	1170	1550	1800	1620	8230	4910	e1330	6050	3640	1540	e2800
5	1430	1200	1610	1460	1630	4620	4600	e1320	2980	6190	2070	e1800
6	1960	1140	1950	1450	1740	2700	2950	e1320	2060	2670	1820	e1430
7	1780	1260	1870	1440	1620	2130	2350	1350	3770	1620	1830	e1370
8	1190	1680	1560	2270	1520	1950	2040	1330	2980	1470	1690	1310
9	1320	6820	1500	2380	1660	1870	1870	1320	2910	1380	1640	1300
10	1150	7030	1480	1970	2060	1790	1790	1310	1770	1430	1740	1430
11	1630	3710	1430	1640	1730	1750	1740	1300	1720	1400	2020	1430
12	2060	2080	1450	2030	1870	3790	1680	1350	1820	1410	1690	1320
13	1700	1530	1470	1830	2320	e11100	1630	1360	1840	1400	4510	1290
14	1590	1590	2170	1650	1870	e6200	1660	1330	1680	1360	3480	1270
15	1050	1440	2130	1620	1740	12000	3090	1300	1880	1370	2250	1240
16	1070	1650	3400	1570	1740	9090	e3000	1280	1650	1390	1680	1240
17	1440	1980	4390	1570	4620	e4500	e2170	1260	1560	1380	1640	1220
18	1400	1750	2540	1820	2890	e3000	e1950	1240	1400	1380	1490	1230
19	1250	3010	2340	5650	1960	2320	e1800	1360	1290	1390	1490	1230
20	1290	3110	2030	8710	1790	8490	e1700	e2700	1250	1460	1470	1280
21	1550	2390	1690	5270	1710	e8600	e1650	e2400	1260	1930	1380	1290
22	1230	1870	1750	3250	5470	e5050	e1600	e2250	1700	1420	1480	1230
23	1250	1790	1790	2180	5840	e3300	e1600	e2200	2940	1420	1490	1210
24	1430	1480	1600	2060	2740	e2500	e2500	e1950	1740	1340	1500	3540
25	1300	3720	1510	e1900	3020	e2200	e2050	e1950	1360	5660	1470	2950
26	1060	2800	1470	e1790	4280	2030	e1800	e1970	2280	5240	1420	1590
27	1180	1890	1740	e1700	2870	2080	e1650	e1870	1300	e2300	1710	1250
28	1420	1970	1790	1650	2120	1860	e1520	e1800	1260	1570	1810	1130
29	1180	1850	1790	1590	---	2950	e1480	e4500	1470	1860	1640	1120
30	1050	1890	1600	3640	---	5430	e1450	e2400	1670	2270	2040	1100
31	1090	---	1470	2910	---	e3150	---	e1700	---	3000	1440	---
TOTAL	42500	67420	57680	73200	67880	131020	65620	52860	71300	65650	59480	45530
MEAN	1371	2247	1861	2361	2424	4226	2187	1705	2377	2118	1919	1518
MAX	2060	7030	4390	8710	5840	12000	4910	4500	7850	6190	4730	3540
MIN	1050	1140	1430	1440	1520	1750	1450	1240	1250	1340	1380	1100
CFSM	.67	1.09	.90	1.15	1.18	2.05	1.06	.83	1.15	1.03	.93	.74
IN.	.77	1.22	1.04	1.32	1.23	2.37	1.18	.95	1.29	1.19	1.07	.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2001, BY WATER YEAR (WY)

MEAN	2837	2874	2949	4106	4504	4944	4516	3749	3059	2933	3156	2907
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	1371	1706	1367	1482	1707	1698	1633	1391	1318	1583	1554	1518
(WY)	2001	1989	1989	1981	1986	1988	1999	2000	1988	1988	1999	2001

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1965 - 2001

ANNUAL TOTAL	765940	800140	
ANNUAL MEAN	2093	2192	3543
HIGHEST ANNUAL MEAN			5240
LOWEST ANNUAL MEAN			1879
HIGHEST DAILY MEAN	12900	Sep 1	12000
LOWEST DAILY MEAN	1020	Sep 19	1050
ANNUAL SEVEN-DAY MINIMUM	1140	May 11	1160
MAXIMUM PEAK FLOW			15900
MAXIMUM PEAK STAGE			15.33
ANNUAL RUNOFF (CFSM)	1.02		1.06
ANNUAL RUNOFF (INCHES)	13.83		14.45
10 PERCENT EXCEEDS	2860		3670
50 PERCENT EXCEEDS	1680		1700
90 PERCENT EXCEEDS	1210		1280

STATISTICS COMPUTED BY: gabailey

DATE: 03/12/2002 AT: 14:49:06

e Estimated

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

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	.59	.42	.91	.79	1.58	1.49	1.92	---	---	1.61	4.49	1.06
2	.69	.66	.92	.80	1.24	1.36	1.77	---	7.61	1.23	1.22	.93
3	.77	.41	.92	.87	1.10	2.21	2.58	---	4.14	.84	.97	---
4	.71	.45	.93	1.28	1.04	7.98	4.70	---	5.83	3.35	.93	---
5	.77	.50	1.02	.81	1.05	4.40	4.38	---	2.72	5.97	1.63	---
6	1.44	.42	1.48	.79	1.21	2.40	2.68	---	1.62	2.31	1.31	---
7	1.23	.57	1.37	.78	1.03	1.72	2.00	.64	3.54	1.03	1.32	---
8	.48	1.07	.95	1.87	.90	1.48	1.60	.62	2.64	.83	1.14	.58
9	.64	6.52	.87	2.03	1.09	1.38	1.38	.60	2.60	.69	1.06	.57
10	.44	6.80	.84	1.51	1.63	1.27	1.28	.59	1.25	.76	1.20	.75
11	1.02	3.49	.76	1.07	1.18	1.22	1.21	.57	1.17	.72	1.57	.76
12	1.58	1.64	.79	1.58	1.37	3.35	1.12	.65	1.30	.73	1.13	.59
13	1.10	.92	.82	1.33	1.97	---	1.06	.65	1.34	.72	4.28	.56
14	.95	.99	1.76	1.08	1.38	---	1.09	.61	1.13	.66	3.24	.52
15	.30	.77	1.72	1.04	1.20	11.56	2.70	.57	1.39	.67	1.86	.47
16	.32	1.07	3.11	.97	1.20	8.81	---	.53	1.09	.71	1.11	.48
17	.78	1.53	4.18	.97	4.39	---	---	.50	.96	.70	1.06	.44
18	.74	1.22	2.22	1.30	2.61	---	---	.47	.73	.69	.86	.46
19	.55	2.71	1.98	5.40	1.50	1.96	---	.63	.55	.71	.85	.46
20	.60	2.85	1.59	8.45	1.27	8.17	---	---	.49	.80	.82	.53
21	.91	2.05	1.14	5.05	1.17	---	---	---	.51	1.44	.68	.55
22	.53	1.37	1.21	3.01	5.11	---	---	---	1.08	.75	.84	.45
23	.55	1.27	1.28	1.79	5.62	---	---	---	2.67	.76	.85	.43
24	.78	.84	1.02	1.63	2.45	---	---	---	1.19	.63	.86	3.23
25	.61	3.44	.89	---	2.70	---	---	---	.66	5.37	.82	2.67
26	.33	2.51	.83	---	4.07	1.59	---	---	1.86	5.02	.75	.99
27	.47	1.41	1.21	---	2.58	1.65	---	---	.57	---	1.14	.48
28	.75	1.51	1.26	1.03	1.71	1.37	---	---	.51	.96	1.29	.30
29	.46	1.35	1.28	1.01	---	2.56	---	---	.81	1.36	1.06	.29
30	.30	1.40	1.02	3.36	---	5.21	---	---	1.10	1.90	1.58	.26
31	.36	---	.83	2.65	---	---	---	---	---	2.67	.77	---
MEAN	.70	1.74	1.33	---	1.98	---	---	---	---	---	1.38	---
MAX	1.58	6.80	4.18	---	5.62	---	---	---	---	---	4.49	---
MIN	.30	.41	.76	---	.90	---	---	---	---	---	.68	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

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	---	---	---	---	---	.00	.00	.00	1.38	.01	.00	.00
2	---	---	---	---	---	.36	.02	.00	.01	.03	.00	.28
3	---	---	---	---	---	1.57	.92	.00	.98	.11	.00	---
4	---	---	---	---	---	.00	.30	.00	.01	.52	.00	---
5	---	---	---	---	---	.00	.36	.00	.02	.61	.00	---
6	---	---	---	---	---	.00	.01	.00	.00	.01	.29	---
7	---	---	---	---	---	.00	.00	.00	.10	.00	.07	---
8	---	---	---	---	---	.00	.00	.00	.32	.00	.00	.00
9	---	---	---	---	---	.00	.00	.00	.00	.04	.00	.00
10	---	---	---	---	---	.00	.00	.11	.00	.00	.00	.32
11	---	---	---	---	---	.00	.00	.32	.21	.00	.00	.02
12	---	---	---	---	---	1.99	.00	.00	.21	.00	.44	.00
13	---	---	---	---	---	.00	.23	.00	.01	.00	1.36	.00
14	---	---	---	---	---	.36	.00	.00	1.97	.00	.00	.00
15	---	---	---	---	---	1.65	.76	.00	.13	.00	.00	.00
16	---	---	---	---	---	.00	.00	.00	.01	.00	.00	.00
17	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	---	---	.00	.00	.00	.00	.00	.06	.00
19	---	---	---	---	---	.54	.00	.62	.00	.00	.00	.09
20	---	---	---	---	---	1.58	.00	.01	.00	.18	.00	.02
21	---	---	---	---	---	.01	.00	.11	.00	.00	.00	.00
22	---	---	---	---	---	1.42	.00	.93	.85	.00	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.16
24	---	---	---	---	---	.00	.00	.38	.03	.00	.04	.84
25	---	---	---	---	---	.78	.00	.02	.08	.00	.00	.00
26	---	---	---	---	---	.00	.00	.00	.01	.00	.00	.00
27	---	---	---	---	---	.07	.00	.00	.00	.00	.01	.00
28	---	---	---	---	---	.02	.00	.00	.56	.01	.58	.00
29	---	---	---	---	---	---	1.03	.00	.11	.01	.33	.06
30	---	---	---	---	---	.00	.00	.00	.68	.00	.21	.00
31	---	---	---	---	---	.03	---	.32	---	.00	.13	---
TOTAL	---	---	---	---	---	9.12	3.00	3.21	6.91	2.46	2.63	---

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA**

**LOCATION.**--Lat 33°39'24", long 84°40'25", Fulton-Douglas County line, Hydrologic Unit 03130002, on GA Highway 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<sup>2</sup>.

**COOPERATION.**—Georgia Environmental Protection Division.

**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 poor.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded, 230 microsiemens, January 30, 2000, March 28, 2001; minimum recorded, 33 microsiemens, July 7, 1976.

**pH:** Maximum recorded, 8.3 units, November 19, 20, 27, 2001; minimum recorded, 5.5 units, August 12, 1978, September 13, 1978, January 6, 1998.

**WATER TEMPERATURE:** Maximum recorded, 34.0 °C, August 2, 1999; minimum recorded, 2.5 °C, January 12, 1982.

**DISSOLVED OXYGEN:** Maximum recorded, 13.1 mg/L, March 24, 1977; minimum recorded, 1.6 mg/L, July 26, 1977, April 27, 1988.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded (greater than 20 percent missing), 230 microsiemens, March 28; minimum recorded (greater than 20 percent missing), 59 microsiemens, March 15.

**pH:** Maximum recorded (greater than 20 percent missing), 8.3 units, November 19, 20, 27; minimum recorded (greater than 20 percent missing), 6.6 units, February 17.

**WATER TEMPERATURE:** Maximum recorded (greater than 20 percent missing), 28.7 °C, August 3; minimum recorded (greater than 20 percent missing), 6.3 °C, December 21.

**DISSOLVED OXYGEN:** Maximum recorded (greater than 20 percent missing), 12.1 mg/L, January 26; minimum recorded (greater than 20 percent missing), 3.6 mg/L, March 18.



STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

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	182	167	174	200	180	190	165	140	157	176	164	170
2	179	163	171	190	160	169	174	150	164	172	164	167
3	182	156	167	190	180	186	176	150	166	176	162	170
4	181	154	166	200	180	187	172	153	161	166	140	153
5	176	159	168	200	180	190	170	151	161	178	161	172
6	175	142	162	190	170	185	173	126	146	181	168	177
7	149	133	139	190	180	185	170	127	145	185	170	177
8	170	149	162	190	160	171	162	130	154	170	141	160
9	166	155	161	160	70	115	173	152	163	147	122	135
10	190	160	175	90	70	77	173	155	163	154	130	142
11	200	140	165	100	90	94	172	155	163	168	133	159
12	190	130	148	140	100	123	173	158	168	168	152	162
13	160	130	141	160	140	152	178	161	170	154	148	151
14	160	150	152	160	150	155	171	140	156	167	151	161
15	190	150	177	170	150	163	143	125	134	168	154	162
16	200	180	190	170	150	160	150	98	131	173	160	168
17	190	160	177	170	140	161	110	94	101	182	160	174
18	180	150	161	150	130	140	126	101	116	181	154	171
19	190	170	182	150	110	133	143	119	137	---	---	---
20	190	160	178	110	100	102	167	138	158	---	---	---
21	190	160	170	120	110	116	173	150	167	---	---	---
22	170	150	164	150	120	137	193	164	181	---	---	---
23	170	160	169	162	129	144	193	157	177	144	117	137
24	190	160	170	157	130	147	172	155	163	164	138	151
25	180	140	159	144	94	123	163	153	158	166	138	160
26	210	180	191	113	95	103	166	157	162	170	159	168
27	210	190	198	136	113	128	158	135	147	185	167	178
28	192	170	173	159	136	145	161	145	153	180	164	173
29	180	160	171	164	134	151	175	145	162	175	161	168
30	190	170	181	164	134	146	174	143	164	163	105	135
31	200	170	186	---	---	---	175	162	168	121	107	115
MONTH	210	130	169	200	70	146	193	94	155	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

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	143	121	137	159	145	155	136	113	130	---	---	---
2	160	138	154	170	154	164	148	78	111	---	---	---
3	171	153	165	169	128	158	---	---	---	---	---	---
4	180	163	171	128	77	90	120	102	105	---	---	---
5	173	158	166	103	93	97	111	95	105	---	---	---
6	169	160	165	129	103	117	121	106	112	---	---	---
7	173	160	166	143	129	140	134	121	130	---	---	---
8	179	161	172	157	142	153	151	131	143	---	---	---
9	179	154	165	167	154	161	---	---	---	---	---	---
10	175	145	162	169	153	162	---	---	---	---	---	---
11	156	143	151	172	157	163	---	---	---	---	---	---
12	163	148	154	166	88	144	---	---	---	---	---	---
13	159	131	143	88	64	73	---	---	---	---	---	---
14	152	132	146	91	75	84	---	---	---	---	---	---
15	163	142	156	93	59	73	---	---	---	---	---	---
16	172	158	167	85	67	76	---	---	---	---	---	---
17	164	95	122	95	83	90	---	---	---	---	---	---
18	116	101	112	127	95	115	---	---	---	---	---	---
19	141	116	134	142	127	137	---	---	---	---	---	---
20	156	138	151	141	65	103	---	---	---	---	---	---
21	168	153	163	84	66	77	---	---	---	---	---	---
22	170	79	130	92	79	85	---	---	---	---	---	---
23	103	80	87	124	92	105	---	---	---	---	---	---
24	124	103	114	146	122	136	---	---	---	---	---	---
25	139	113	129	173	135	148	---	---	---	---	---	---
26	124	98	104	213	153	170	---	---	---	---	---	---
27	131	111	118	222	156	190	---	---	---	---	---	---
28	---	---	---	230	141	157	---	---	---	---	---	---
29	---	---	---	162	115	143	---	---	---	---	---	---
30	---	---	---	122	92	98	---	---	---	---	---	---
31	---	---	---	113	104	108	---	---	---	---	---	---
MONTH	---	---	---	230	59	125	---	---	---	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	110	80	91	---	---	---
2	---	---	---	---	---	---	150	110	137	---	---	---
3	---	---	---	---	---	---	170	150	166	---	---	---
4	---	---	---	---	---	---	180	170	177	---	---	---
5	---	---	---	---	---	---	170	130	152	---	---	---
6	---	---	---	---	---	---	170	140	154	---	---	---
7	---	---	---	---	---	---	160	140	153	---	---	---
8	---	---	---	---	---	---	180	150	172	---	---	---
9	---	---	---	---	---	---	180	160	171	---	---	---
10	---	---	---	---	---	---	170	160	166	---	---	---
11	---	---	---	---	---	---	160	140	149	---	---	---
12	---	---	---	---	---	---	170	150	162	---	---	---
13	---	---	---	---	---	---	160	80	103	---	---	---
14	---	---	---	---	---	---	120	100	115	---	---	---
15	---	---	---	---	---	---	140	100	126	199	186	193
16	---	---	---	---	---	---	170	140	155	199	175	189
17	---	---	---	---	---	---	---	---	---	196	175	185
18	---	---	---	---	---	---	---	---	---	194	175	188
19	---	---	---	---	---	---	---	---	---	198	181	191
20	---	---	---	---	---	---	---	---	---	198	183	192
21	---	---	---	---	---	---	---	---	---	211	186	195
22	---	---	---	---	---	---	---	---	---	195	182	190
23	---	---	---	---	---	---	---	---	---	199	184	190
24	---	---	---	---	---	---	---	---	---	191	96	145
25	---	---	---	---	---	---	---	---	---	120	100	114
26	---	---	---	---	---	---	---	---	---	162	117	140
27	---	---	---	140	100	120	---	---	---	187	161	179
28	---	---	---	170	140	159	---	---	---	208	183	199
29	---	---	---	170	140	159	---	---	---	215	203	208
30	---	---	---	150	140	143	---	---	---	215	201	208
31	---	---	---	150	110	137	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.1	7.1	7.1	7.3	7.2	7.2	7.8	7.7	7.7	7.8	7.7	7.7
2	7.1	7.1	7.1	7.2	7.1	7.1	7.9	7.7	7.8	7.8	7.7	7.7
3	7.1	7.1	7.1	7.2	7.1	7.2	7.9	7.8	7.9	7.8	7.7	7.7
4	7.1	7.1	7.1	7.2	7.2	7.2	8.0	7.8	7.9	7.9	7.7	7.8
5	7.1	7.1	7.1	7.2	7.2	7.2	7.9	7.8	7.9	7.7	7.5	7.6
6	7.1	7.0	7.1	7.2	7.2	7.2	7.9	7.8	7.8	7.6	7.4	7.5
7	7.0	7.0	7.0	7.3	7.2	7.2	7.8	7.6	7.7	7.8	7.6	7.7
8	7.1	7.0	7.1	7.3	7.2	7.3	7.8	7.6	7.7	7.7	7.5	7.6
9	7.1	7.1	7.1	7.3	6.9	7.2	7.6	7.5	7.6	7.6	7.5	7.6
10	7.3	7.1	7.1	7.3	7.0	7.1	7.6	7.4	7.6	7.6	7.5	7.6
11	7.4	7.3	7.3	7.5	7.3	7.4	7.6	7.5	7.5	7.6	7.4	7.5
12	7.4	7.3	7.3	7.5	7.1	7.2	7.5	7.4	7.5	7.7	7.4	7.4
13	7.3	7.3	7.3	7.6	7.4	7.5	7.7	7.5	7.6	7.6	7.4	7.5
14	7.3	7.3	7.3	7.7	7.4	7.5	7.8	7.6	7.7	7.4	7.2	7.3
15	7.3	7.3	7.3	7.7	7.6	7.7	7.8	7.7	7.7	7.3	7.2	7.2
16	7.3	7.3	7.3	7.9	7.6	7.8	7.7	7.6	7.7	7.2	7.1	7.2
17	7.3	7.3	7.3	7.9	7.7	7.8	7.8	7.6	7.7	7.2	7.1	7.1
18	7.3	7.3	7.3	8.1	7.8	8.0	7.9	7.8	7.9	7.2	7.1	7.1
19	7.4	7.3	7.3	8.3	8.1	8.1	8.0	7.8	7.9	---	---	---
20	7.3	7.3	7.3	8.3	7.8	7.9	8.2	8.0	8.1	---	---	---
21	7.3	7.3	7.3	8.0	7.9	8.0	8.1	7.8	7.9	---	---	---
22	7.4	7.3	7.3	8.0	7.8	8.0	7.9	7.8	7.9	---	---	---
23	7.3	7.3	7.3	7.9	7.7	7.8	7.9	7.8	7.8	7.2	6.9	7.1
24	7.4	7.3	7.3	7.8	7.7	7.7	7.9	7.6	7.8	7.2	7.0	7.1
25	7.3	7.3	7.3	7.7	7.7	7.7	7.8	7.6	7.7	7.1	6.9	7.0
26	7.3	7.2	7.2	7.8	7.7	7.7	7.8	7.7	7.8	7.1	6.9	7.0
27	7.3	7.1	7.2	8.3	7.6	7.7	7.8	7.6	7.7	7.0	6.8	6.9
28	7.3	7.2	7.2	7.7	7.6	7.7	7.6	7.5	7.6	7.0	6.8	6.9
29	7.3	7.2	7.2	7.7	7.7	7.7	7.6	7.5	7.6	7.0	6.8	6.9
30	7.3	7.2	7.2	7.7	7.7	7.7	7.7	7.6	7.7	6.9	6.7	6.8
31	7.3	7.2	7.2	---	---	---	7.8	7.7	7.7	6.8	6.7	6.7
MAX	7.4	7.3	7.3	8.3	8.1	8.1	8.2	8.0	8.1	---	---	---
MIN	7.0	7.0	7.0	7.2	6.9	7.1	7.5	7.4	7.5	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	6.8	6.7	6.8	7.3	7.2	7.3	7.3	7.1	7.2	---	---	---
2	6.9	6.8	6.9	7.3	7.2	7.2	7.3	7.2	7.2	---	---	---
3	7.0	6.8	6.9	7.3	7.2	7.2	---	---	---	---	---	---
4	7.0	6.9	6.9	7.2	7.0	7.1	7.1	7.0	7.1	---	---	---
5	7.1	6.9	6.9	7.1	7.0	7.1	7.0	7.0	7.0	---	---	---
6	7.0	6.9	6.9	7.2	7.1	7.1	7.1	6.8	7.0	---	---	---
7	7.0	6.9	6.9	7.3	7.2	7.2	7.2	7.1	7.1	---	---	---
8	7.2	6.9	7.0	7.4	7.2	7.3	7.2	7.0	7.1	---	---	---
9	7.2	6.9	7.1	7.3	7.3	7.3	---	---	---	---	---	---
10	6.9	6.7	6.8	7.4	7.3	7.3	---	---	---	---	---	---
11	7.1	6.7	6.8	7.4	7.2	7.3	---	---	---	---	---	---
12	6.9	6.8	6.9	7.4	7.2	7.3	---	---	---	---	---	---
13	7.0	6.9	7.0	7.3	7.0	7.1	---	---	---	---	---	---
14	6.9	6.8	6.9	7.1	7.0	7.0	---	---	---	---	---	---
15	6.9	6.8	6.8	7.1	6.9	7.0	---	---	---	---	---	---
16	6.8	6.7	6.7	7.0	6.8	6.9	---	---	---	---	---	---
17	6.9	6.6	6.8	7.0	6.9	7.0	---	---	---	---	---	---
18	7.0	6.9	7.0	7.0	6.8	6.9	---	---	---	---	---	---
19	7.1	6.9	7.0	7.1	6.9	7.0	---	---	---	---	---	---
20	7.1	6.9	7.0	7.2	6.9	7.2	---	---	---	---	---	---
21	7.1	6.9	7.1	7.2	7.1	7.1	---	---	---	---	---	---
22	6.9	6.8	6.9	7.2	7.1	7.2	---	---	---	---	---	---
23	7.0	6.8	6.9	7.1	6.9	7.0	---	---	---	---	---	---
24	7.0	6.9	6.9	7.3	6.9	7.1	---	---	---	---	---	---
25	7.0	6.8	6.9	7.5	7.1	7.3	---	---	---	---	---	---
26	7.0	6.9	7.0	7.5	7.4	7.4	---	---	---	---	---	---
27	7.2	6.9	7.1	7.5	7.3	7.4	---	---	---	---	---	---
28	7.2	6.7	7.1	7.5	7.2	7.3	---	---	---	---	---	---
29	---	---	---	7.4	7.2	7.3	---	---	---	---	---	---
30	---	---	---	7.2	7.1	7.1	---	---	---	---	---	---
31	---	---	---	7.2	7.1	7.2	---	---	---	---	---	---
MAX	7.2	6.9	7.1	7.5	7.4	7.4	---	---	---	---	---	---
MIN	6.8	6.6	6.7	7.0	6.8	6.9	---	---	---	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	6.9	6.7	6.7	---	---	---
2	---	---	---	---	---	---	7.0	6.8	6.9	---	---	---
3	---	---	---	---	---	---	7.1	7.0	7.1	---	---	---
4	---	---	---	---	---	---	7.1	7.1	7.1	---	---	---
5	---	---	---	---	---	---	7.2	6.9	7.1	---	---	---
6	---	---	---	---	---	---	7.1	7.0	7.1	---	---	---
7	---	---	---	---	---	---	7.1	7.0	7.1	---	---	---
8	---	---	---	---	---	---	7.2	7.1	7.1	---	---	---
9	---	---	---	---	---	---	7.2	7.1	7.2	---	---	---
10	---	---	---	---	---	---	7.2	7.1	7.2	---	---	---
11	---	---	---	---	---	---	7.1	7.0	7.1	---	---	---
12	---	---	---	---	---	---	7.2	7.1	7.2	---	---	---
13	---	---	---	---	---	---	7.2	6.7	6.8	---	---	---
14	---	---	---	---	---	---	7.0	6.8	6.9	---	---	---
15	---	---	---	---	---	---	7.0	6.9	6.9	7.5	7.4	7.4
16	---	---	---	---	---	---	7.0	7.0	7.0	7.5	7.4	7.4
17	---	---	---	---	---	---	---	---	---	7.5	7.4	7.4
18	---	---	---	---	---	---	---	---	---	7.5	7.4	7.4
19	---	---	---	---	---	---	---	---	---	7.4	7.4	7.4
20	---	---	---	---	---	---	---	---	---	7.4	7.3	7.4
21	---	---	---	---	---	---	---	---	---	7.4	7.3	7.4
22	---	---	---	---	---	---	---	---	---	7.4	7.3	7.4
23	---	---	---	---	---	---	---	---	---	7.4	7.4	7.4
24	---	---	---	---	---	---	---	---	---	7.4	6.9	7.1
25	---	---	---	---	---	---	---	---	---	7.2	7.0	7.1
26	---	---	---	---	---	---	---	---	---	7.2	7.1	7.2
27	---	---	---	6.9	6.9	6.9	---	---	---	7.3	7.2	7.2
28	---	---	---	7.1	6.9	7.0	---	---	---	7.3	7.2	7.2
29	---	---	---	7.1	6.9	7.0	---	---	---	7.3	7.2	7.3
30	---	---	---	7.1	7.0	7.0	---	---	---	7.3	7.2	7.3
31	---	---	---	7.1	6.9	7.1	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.4	22.6	23.3	23.6	22.1	22.8	12.4	11.2	11.8	8.7	8.2	8.5
2	24.5	22.5	23.3	22.8	20.8	21.6	12.4	11.0	11.6	8.4	7.6	8.1
3	24.7	21.9	23.4	22.7	21.0	21.9	12.1	10.9	11.6	8.7	7.7	8.2
4	24.7	22.0	23.4	22.5	21.0	21.9	11.9	10.8	11.2	8.5	6.9	7.8
5	24.5	22.3	23.3	21.8	20.2	21.3	11.4	10.5	10.9	10.1	8.2	9.1
6	23.7	21.0	22.4	20.5	19.4	19.9	10.7	9.9	10.3	10.3	8.9	9.6
7	21.6	20.4	20.9	21.1	19.4	20.5	11.2	10.1	10.7	9.1	8.0	8.6
8	21.1	19.6	20.5	20.9	18.9	19.8	12.0	10.3	11.1	9.5	8.2	9.0
9	19.6	17.2	18.5	20.5	18.2	19.2	12.3	11.6	11.9	8.9	7.9	8.3
10	18.0	16.2	17.0	18.2	16.6	17.2	12.2	11.9	12.1	8.8	8.1	8.4
11	18.1	16.7	17.4	16.6	15.0	15.7	12.8	12.0	12.4	9.4	8.1	8.9
12	19.1	16.9	17.7	15.4	14.2	14.9	13.2	12.5	13.0	9.8	8.5	9.2
13	19.0	16.9	17.7	16.8	14.7	15.6	12.5	11.0	11.6	10.2	8.4	9.3
14	19.9	18.1	18.9	17.3	15.5	16.7	11.1	9.6	10.6	11.1	9.9	10.5
15	21.2	18.3	19.6	16.4	15.5	15.8	10.3	9.6	10.0	12.4	11.0	11.6
16	21.9	20.1	20.9	15.6	13.1	14.2	10.9	9.6	10.3	12.8	11.6	12.3
17	21.9	20.7	21.3	14.5	12.8	13.7	9.9	8.9	9.4	13.2	12.2	12.8
18	21.6	18.4	19.6	14.1	11.4	12.9	8.9	7.9	8.3	13.1	11.3	12.6
19	21.1	19.4	20.0	11.5	9.8	10.8	8.5	6.9	8.0	---	---	---
20	22.0	20.6	21.5	10.5	9.4	9.8	6.9	6.4	6.7	---	---	---
21	21.7	19.6	20.7	10.5	9.7	10.1	8.0	6.3	7.2	---	---	---
22	22.6	20.2	21.3	10.5	9.6	10.0	8.1	7.7	7.9	---	---	---
23	22.8	21.3	21.8	11.5	9.9	10.7	7.9	7.3	7.6	9.5	8.1	8.8
24	23.1	21.4	22.0	11.5	10.6	11.0	9.3	7.4	8.4	10.5	9.0	9.6
25	23.1	19.7	21.1	11.9	10.5	11.2	9.1	7.4	8.1	10.5	9.5	10.0
26	24.0	21.3	22.7	11.6	10.8	11.2	8.2	7.2	7.8	10.6	9.2	9.9
27	23.1	21.1	22.0	12.3	11.3	11.9	9.8	8.1	9.1	11.9	10.2	11.0
28	22.9	21.3	22.0	12.4	11.8	12.1	10.5	9.7	10.0	12.1	10.6	11.4
29	23.0	20.2	21.5	12.8	11.8	12.3	9.9	9.3	9.7	12.7	10.8	11.9
30	23.3	21.1	22.1	12.3	11.8	12.2	9.3	8.6	8.9	13.0	11.3	11.8
31	23.6	21.6	22.7	---	---	---	8.7	8.0	8.4	12.5	11.3	11.9
MONTH	24.7	16.2	21.0	23.6	9.4	15.3	13.2	6.3	9.9	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13.1	12.5	12.7	16.4	15.4	16.0	14.7	12.7	13.6	---	---	---
2	12.7	11.7	12.1	16.9	16.4	16.6	15.3	13.1	14.2	---	---	---
3	12.1	11.4	11.8	17.0	15.2	16.3	15.3	13.5	14.7	---	---	---
4	12.5	11.1	11.8	15.3	14.2	14.9	14.3	13.3	13.7	---	---	---
5	12.6	11.1	12.0	14.2	13.1	13.6	15.0	14.3	14.7	---	---	---
6	12.6	11.3	12.1	13.1	12.0	12.5	17.0	14.7	15.6	---	---	---
7	13.3	11.4	12.4	12.5	11.2	11.9	18.7	16.6	17.6	---	---	---
8	14.1	12.4	13.2	13.4	10.9	12.1	---	---	---	---	---	---
9	14.2	13.4	13.8	13.3	12.2	12.8	---	---	---	---	---	---
10	15.2	13.7	14.7	13.3	11.4	12.3	---	---	---	---	---	---
11	13.9	12.7	13.4	13.7	11.4	12.6	---	---	---	---	---	---
12	13.9	12.2	13.2	13.6	12.8	13.2	---	---	---	---	---	---
13	12.5	10.9	11.6	13.3	12.4	12.8	---	---	---	---	---	---
14	13.3	11.6	12.6	13.7	12.8	13.3	---	---	---	---	---	---
15	14.7	13.3	14.3	13.6	11.9	12.6	---	---	---	---	---	---
16	16.2	14.7	15.8	13.3	12.0	12.6	---	---	---	---	---	---
17	16.5	12.9	14.7	13.5	12.9	13.2	---	---	---	---	---	---
18	12.9	12.1	12.4	15.1	13.1	14.0	---	---	---	---	---	---
19	13.4	11.2	12.4	14.9	13.9	14.3	---	---	---	---	---	---
20	13.4	12.1	12.7	14.0	8.7	10.9	---	---	---	---	---	---
21	14.6	12.1	13.1	9.6	8.8	9.3	---	---	---	---	---	---
22	15.8	12.4	14.4	11.3	9.3	10.0	---	---	---	---	---	---
23	13.1	11.6	12.3	14.1	11.1	12.2	---	---	---	---	---	---
24	13.5	12.7	13.1	14.1	13.4	13.8	---	---	---	---	---	---
25	14.9	13.5	14.5	14.4	13.5	14.0	---	---	---	---	---	---
26	15.0	14.1	14.5	14.2	13.0	13.6	---	---	---	---	---	---
27	15.1	14.0	14.6	13.6	12.6	13.0	---	---	---	---	---	---
28	16.1	10.0	14.5	13.2	12.1	12.7	---	---	---	---	---	---
29	---	---	---	13.0	11.0	12.4	---	---	---	---	---	---
30	---	---	---	11.8	10.5	11.0	---	---	---	---	---	---
31	---	---	---	12.8	11.8	12.2	---	---	---	---	---	---
MONTH	16.5	10.0	13.2	17.0	8.7	13.0	---	---	---	---	---	---



STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	25.6	20.4	23.0	---	---	---
2	---	---	---	---	---	---	28.2	25.6	27.1	---	---	---
3	---	---	---	---	---	---	28.7	27.2	28.0	---	---	---
4	---	---	---	---	---	---	28.9	27.7	28.3	---	---	---
5	---	---	---	---	---	---	27.8	26.4	26.7	---	---	---
6	---	---	---	---	---	---	27.0	26.4	26.7	---	---	---
7	---	---	---	---	---	---	27.6	26.5	27.0	---	---	---
8	---	---	---	---	---	---	28.4	27.2	27.8	---	---	---
9	---	---	---	---	---	---	28.7	27.1	27.8	---	---	---
10	---	---	---	---	---	---	27.8	27.2	27.4	---	---	---
11	---	---	---	---	---	---	27.3	26.5	26.7	---	---	---
12	---	---	---	---	---	---	27.1	25.9	26.8	---	---	---
13	---	---	---	---	---	---	25.9	24.1	25.0	---	---	---
14	---	---	---	---	---	---	25.7	23.4	24.3	---	---	---
15	---	---	---	---	---	---	27.3	23.4	25.7	25.0	23.6	24.5
16	---	---	---	---	---	---	28.5	26.0	27.3	23.6	21.9	22.7
17	---	---	---	---	---	---	---	---	---	23.3	21.0	22.3
18	---	---	---	---	---	---	---	---	---	23.5	21.6	22.6
19	---	---	---	---	---	---	---	---	---	24.1	22.4	23.3
20	---	---	---	---	---	---	---	---	---	24.5	23.1	23.6
21	---	---	---	---	---	---	---	---	---	24.4	23.3	23.9
22	---	---	---	---	---	---	---	---	---	24.7	23.0	23.7
23	---	---	---	---	---	---	---	---	---	25.3	23.3	24.3
24	---	---	---	---	---	---	---	---	---	24.9	21.2	23.1
25	---	---	---	---	---	---	---	---	---	21.2	18.8	19.7
26	---	---	---	---	---	---	---	---	---	20.4	18.6	19.4
27	---	---	---	27.6	24.0	25.8	---	---	---	21.3	19.2	20.2
28	---	---	---	28.3	26.1	27.6	---	---	---	22.3	20.4	21.3
29	---	---	---	27.7	25.9	26.7	---	---	---	22.2	21.3	21.7
30	---	---	---	27.4	26.5	26.9	---	---	---	21.7	20.1	21.0
31	---	---	---	26.5	22.2	25.5	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	7.3	7.4	7.9	7.2	7.5	10.4	9.5	10.1	11.4	10.1	10.8
2	7.6	7.4	7.5	8.1	7.5	7.8	10.6	10.0	10.4	11.6	10.7	11.2
3	7.7	7.3	7.6	8.1	7.4	7.7	10.5	10.0	10.2	11.7	11.0	11.3
4	7.9	7.3	7.7	8.0	7.5	7.7	10.7	10.1	10.5	11.6	10.6	11.3
5	7.9	7.4	7.7	8.1	7.3	7.7	10.7	9.7	10.4	10.8	9.6	10.4
6	7.8	7.2	7.7	8.1	8.0	8.1	11.0	10.1	10.7	11.2	9.5	10.5
7	7.7	7.3	7.4	8.1	7.4	7.7	10.6	9.9	10.3	11.5	10.7	11.1
8	8.2	7.4	7.9	8.1	7.5	7.8	10.3	9.2	9.9	10.9	10.5	10.7
9	9.2	8.2	8.7	8.2	7.4	7.8	9.7	8.6	9.1	11.3	10.6	10.9
10	9.1	8.5	9.0	8.8	7.8	8.3	9.1	8.5	8.7	11.3	10.9	11.1
11	9.2	8.4	8.9	8.8	8.1	8.5	9.2	8.4	8.7	11.4	11.1	11.3
12	9.2	8.4	8.9	8.4	7.9	8.2	8.7	8.2	8.5	11.8	11.0	11.4
13	9.1	8.6	8.9	8.5	7.7	8.0	9.3	8.3	8.8	11.7	11.4	11.6
14	8.8	8.5	8.6	9.3	7.9	8.8	9.4	8.9	9.1	11.5	11.1	11.4
15	8.5	7.9	8.2	9.1	7.8	8.2	9.6	9.2	9.4	11.1	10.4	10.9
16	8.2	7.7	7.9	8.4	8.0	8.2	9.3	8.9	9.0	10.5	9.7	10.3
17	8.2	7.6	7.9	8.2	7.8	8.0	9.6	8.9	9.2	10.2	10.0	10.2
18	8.8	7.9	8.5	8.6	7.8	8.1	10.5	9.0	9.8	10.4	9.9	10.1
19	8.7	8.0	8.3	9.4	8.6	9.0	10.5	9.7	10.1	---	---	---
20	8.3	7.7	8.1	9.8	9.4	9.7	11.0	10.0	10.5	---	---	---
21	8.5	8.0	8.2	10.2	9.6	10.0	11.1	10.6	10.8	---	---	---
22	8.5	8.0	8.2	10.5	9.4	10.0	11.1	10.3	10.7	---	---	---
23	8.4	7.8	8.1	9.4	8.9	9.1	11.3	10.3	10.8	11.6	11.5	11.5
24	8.5	7.8	8.1	8.9	8.6	8.9	11.3	10.5	10.8	11.8	11.6	11.6
25	8.5	7.8	8.3	8.6	8.5	8.5	11.3	10.4	10.8	11.9	11.6	11.7
26	8.0	7.3	7.7	8.6	8.4	8.5	11.3	10.2	10.8	12.1	11.7	12.0
27	7.9	7.1	7.5	8.5	8.2	8.4	11.2	10.2	10.6	11.9	11.5	11.7
28	8.0	7.2	7.6	8.5	8.2	8.3	10.8	10.0	10.4	11.8	11.5	11.7
29	8.1	7.2	7.8	8.2	8.1	8.1	11.2	10.1	10.7	11.9	11.4	11.7
30	8.0	7.4	7.6	9.5	8.0	8.3	11.0	10.0	10.4	11.4	11.0	11.2
31	7.8	7.2	7.5	---	---	---	11.5	10.2	10.9	11.5	11.1	11.3
MONTH	9.2	7.1	8.0	10.5	7.2	8.4	11.5	8.2	10.0	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

OXYGEN DISSOLVED (MG/L), 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	11.3	11.1	11.2	8.3	7.8	8.2	9.1	8.7	9.0	---	---	---
2	11.4	11.2	11.3	7.9	7.3	7.8	9.1	8.5	8.8	---	---	---
3	11.5	11.2	11.3	8.2	7.3	7.9	---	---	---	---	---	---
4	11.4	11.1	11.3	8.2	7.9	8.1	8.4	7.0	7.7	---	---	---
5	11.1	10.6	11.0	8.9	8.1	8.5	7.0	5.7	6.5	---	---	---
6	10.6	10.0	10.4	9.4	8.8	9.1	7.4	4.5	6.1	---	---	---
7	---	---	---	9.7	9.0	9.3	7.9	6.9	7.6	---	---	---
8	---	---	---	9.9	9.0	9.5	7.6	6.2	7.1	---	---	---
9	---	---	---	9.5	8.9	9.2	---	---	---	---	---	---
10	---	---	---	9.9	8.9	9.5	---	---	---	---	---	---
11	---	---	---	9.8	9.3	9.6	---	---	---	---	---	---
12	---	---	---	9.4	9.0	9.2	---	---	---	---	---	---
13	---	---	---	9.1	8.8	9.0	---	---	---	---	---	---
14	---	---	---	9.0	8.6	8.9	---	---	---	---	---	---
15	---	---	---	9.4	8.9	9.1	---	---	---	---	---	---
16	---	---	---	9.1	8.6	8.8	---	---	---	---	---	---
17	---	---	---	9.0	8.2	8.8	---	---	---	---	---	---
18	---	---	---	8.6	3.6	6.4	---	---	---	---	---	---
19	---	---	---	7.7	4.9	6.8	---	---	---	---	---	---
20	---	---	---	10.3	5.1	8.9	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	9.5	9.0	9.3	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333924 LONGITUDE 0844025 DRAINAGE AREA 2060.00 DATUM 719.07 STATE 13 COUNTY 121

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	7.4	6.2	6.6	---	---	---
2	---	---	---	---	---	---	6.2	5.9	6.0	---	---	---
3	---	---	---	---	---	---	6.5	6.0	6.2	---	---	---
4	---	---	---	---	---	---	6.7	6.5	6.5	---	---	---
5	---	---	---	---	---	---	6.9	6.2	6.6	---	---	---
6	---	---	---	---	---	---	7.1	6.6	6.8	---	---	---
7	---	---	---	---	---	---	6.9	6.6	6.8	---	---	---
8	---	---	---	---	---	---	6.8	6.7	6.8	---	---	---
9	---	---	---	---	---	---	7.0	6.8	7.0	---	---	---
10	---	---	---	---	---	---	7.2	7.0	7.1	---	---	---
11	---	---	---	---	---	---	7.1	6.6	6.9	---	---	---
12	---	---	---	---	---	---	7.3	6.9	7.1	---	---	---
13	---	---	---	---	---	---	7.3	6.4	6.7	---	---	---
14	---	---	---	---	---	---	7.5	6.6	7.1	---	---	---
15	---	---	---	---	---	---	7.5	6.6	6.8	7.4	7.0	7.2
16	---	---	---	---	---	---	6.9	6.5	6.7	7.8	7.2	7.5
17	---	---	---	---	---	---	---	---	---	7.9	7.5	7.7
18	---	---	---	---	---	---	---	---	---	7.8	7.5	7.7
19	---	---	---	---	---	---	---	---	---	7.6	7.3	7.5
20	---	---	---	---	---	---	---	---	---	7.5	7.2	7.3
21	---	---	---	---	---	---	---	---	---	7.6	7.1	7.3
22	---	---	---	---	---	---	---	---	---	7.7	7.4	7.5
23	---	---	---	---	---	---	---	---	---	7.5	7.1	7.3
24	---	---	---	---	---	---	---	---	---	7.3	5.2	6.3
25	---	---	---	---	---	---	---	---	---	7.9	6.4	7.3
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	7.1	6.3	6.7	---	---	---	---	---	---
28	---	---	---	6.4	6.2	6.3	---	---	---	---	---	---
29	---	---	---	6.3	5.7	6.0	---	---	---	---	---	---
30	---	---	---	6.5	5.8	6.1	---	---	---	---	---	---
31	---	---	---	7.1	6.3	6.7	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337448 HURRICANE CREEK TRIBUTARY NEAR FAIRPLAY, GA**

**LOCATION.**--Lat 33°35'03", long 84°50'54", Douglas County, Hydrologic Unit 03130002, at culvert on GA Highway 5, 8.0 miles east of Fairplay.

**DRAINAGE AREA.**—0.33 mi<sup>2</sup>.

**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 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 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<sup>3</sup>/s, November 5, 1977

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 4.80 feet, March 14

**DISCHARGE:** 47.5 ft<sup>3</sup>/s, March 14

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337448 HURRICANE CREEK TRIBUTARY NEAR FAIRPLAY, GA**

**LOCATION.**--Lat 33°35'03", long 84°50'54", Douglas County, Hydrologic Unit 03130002, at culvert on GA Highway 5, 8.0 miles east of Fairplay.

**DRAINAGE AREA.**—0.33 mi<sup>2</sup>.

**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 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 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<sup>3</sup>/s, November 5, 1977

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 4.80 feet, March 14

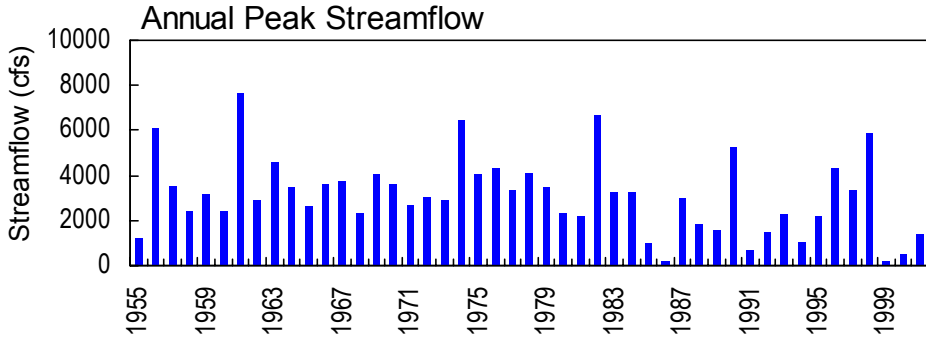
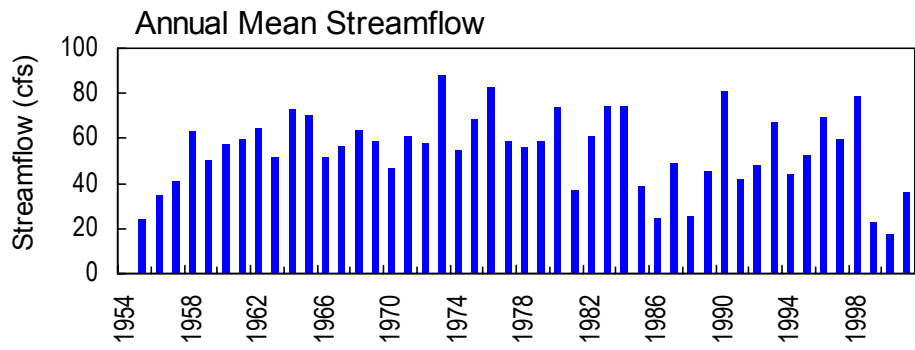
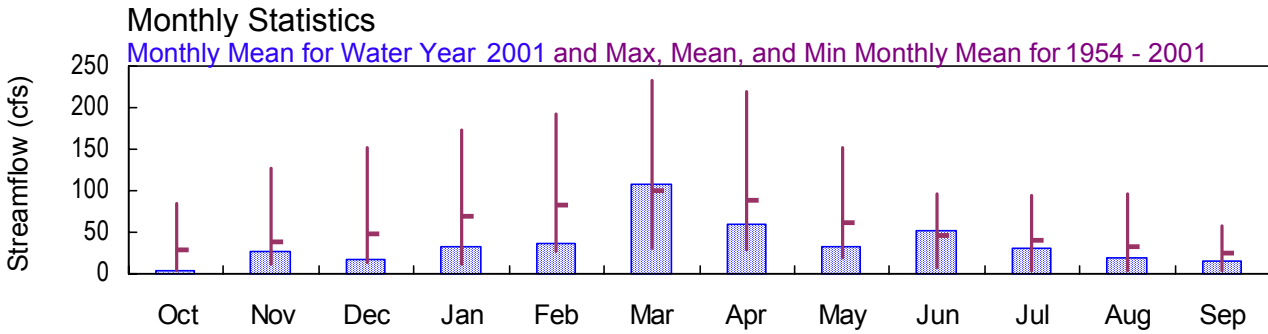
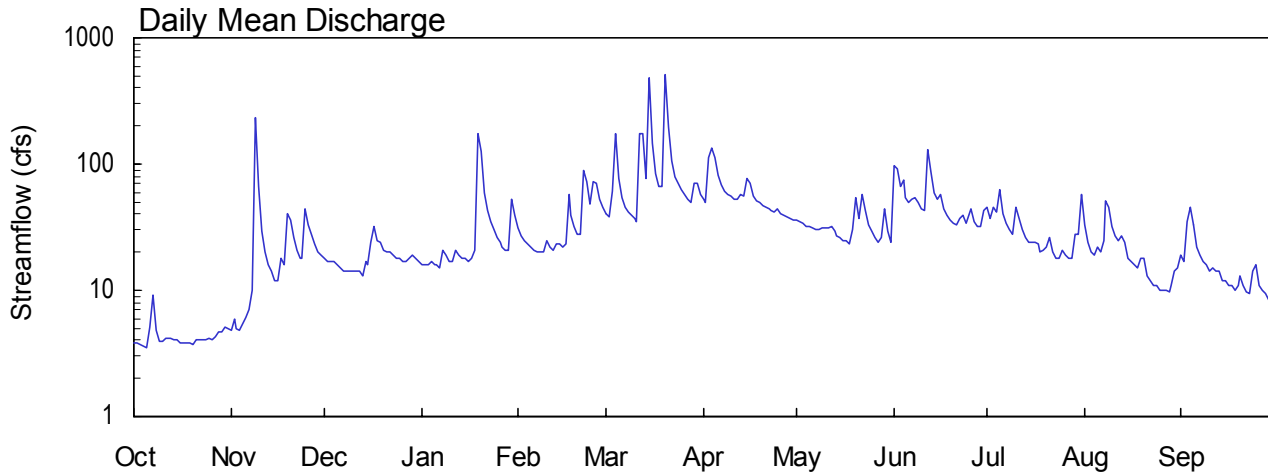
**DISCHARGE:** 47.5 ft<sup>3</sup>/s, March 14

# APALACHICOLA RIVER BASIN

2001 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<sup>2</sup> Datum: 832.8 feet Period of Record: 1954 - 2001



USGS 02337500 Snake Creek near Whitesburg, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA  
(National Water-Quality Assessment station)**

**LOCATION.**--Lat 33°31'46", long 84°55'42", Carroll County, Hydrologic Unit 03130002, on left bank, on downstream side of former bridge pier, 50 feet upstream from county highway bridge, at Banning Mills, 1.6 miles north of US Highway 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<sup>2</sup>.

**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 832.8 feet above sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records good.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 1,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 15	0745	1,400*	6.16*
Mar. 20	1130	1,130	5.53



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA—continued.  
(National Water-Quality Assessment station)**

**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 832.8 feet above sea level (leveling by Global Positioning System equipment).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 6.16 feet, March 15; minimum gage-height recorded, 1.56 feet, October 6.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—February 21, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.



STATION NUMBER 02337500 SNAKE CREEK NEAR WHITESBURG, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333146 LONGITUDE 0845542 DRAINAGE AREA 35.50 DATUM 832.75 STATE 13 COUNTY 045

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	1.60	1.63	1.94	1.92	2.15	2.24	2.36	2.19	2.49	2.14	2.03	1.88
2	1.60	1.66	1.93	1.92	2.11	2.21	2.33	2.19	2.43	2.06	1.94	1.86
3	1.60	1.64	1.93	1.92	2.08	2.40	2.63	2.18	2.29	2.12	1.89	2.03
4	1.59	1.63	1.92	1.92	2.06	2.97	2.82	2.16	2.34	2.12	1.88	2.13
5	1.58	1.65	1.91	1.91	2.04	2.52	2.73	2.15	2.21	2.26	1.92	2.03
6	1.63	1.67	1.89	1.91	2.03	2.37	2.56	2.15	2.18	2.10	1.90	1.92
7	1.73	1.70	1.89	1.90	2.01	2.30	2.47	2.13	2.19	2.04	1.95	1.88
8	1.63	1.75	1.89	1.99	2.01	2.26	2.42	2.14	2.21	2.00	2.18	1.86
9	1.60	2.93	1.88	1.95	2.01	2.23	2.39	2.15	2.18	1.98	2.14	1.84
10	1.61	2.39	1.88	1.93	2.08	2.20	2.39	2.14	2.13	2.13	2.02	1.81
11	1.62	2.08	1.88	1.93	2.04	2.18	2.36	2.14	2.12	2.07	1.97	1.82
12	1.62	1.97	1.88	1.98	2.03	2.76	2.35	2.16	2.58	2.00	1.95	1.81
13	1.62	1.92	1.87	1.96	2.06	2.96	2.39	2.13	2.41	1.96	1.97	1.81
14	1.61	1.88	1.93	1.95	2.05	2.53	2.38	2.10	2.25	1.94	1.94	1.78
15	1.61	1.85	1.92	1.94	2.04	3.84	2.52	2.09	2.20	1.93	1.87	1.78
16	1.60	1.84	2.02	1.93	2.05	2.87	2.48	2.07	2.23	1.93	1.85	1.76
17	1.60	1.94	2.12	1.95	2.39	2.56	2.38	2.07	2.13	1.93	1.84	1.76
18	1.60	1.91	2.04	1.99	2.22	2.45	2.34	2.05	2.08	1.90	1.83	1.75
19	1.60	2.20	2.02	2.80	2.15	2.45	2.32	2.12	2.05	1.90	1.87	1.76
20	1.59	2.16	1.99	2.79	2.11	3.96	2.31	2.36	2.04	1.92	1.87	1.80
21	1.61	2.05	1.97	2.41	2.11	3.06	2.29	2.21	2.03	1.95	1.80	1.77
22	1.61	1.99	1.98	2.26	2.54	2.69	2.27	2.37	2.06	1.89	1.79	1.75
23	1.61	1.95	1.95	2.18	2.49	2.55	2.26	2.27	2.08	1.86	1.77	1.74
24	1.61	1.94	1.95	2.14	2.31	2.48	2.26	2.17	2.04	1.86	1.76	1.82
25	1.62	2.24	1.95	2.09	2.47	2.43	2.28	2.12	2.09	1.91	1.75	1.85
26	1.61	2.14	1.93	2.06	2.49	2.39	2.25	2.09	2.13	1.89	1.74	1.77
27	1.62	2.08	1.93	2.04	2.35	2.36	2.23	2.06	2.05	1.86	1.74	1.76
28	1.63	2.02	1.95	2.03	2.29	2.33	2.22	2.09	2.02	1.87	1.74	1.74
29	1.63	1.98	1.96	2.02	---	2.47	2.21	2.27	2.01	1.98	1.77	1.72
30	1.64	1.96	1.94	2.35	---	2.48	2.20	2.12	2.12	1.97	1.82	1.71
31	1.63	---	1.93	2.22	---	2.40	---	2.07	---	2.13	1.83	---
MEAN	1.61	1.96	1.94	2.07	2.17	2.58	2.38	2.15	2.18	1.99	1.88	1.82
MAX	1.73	2.93	2.12	2.80	2.54	3.96	2.82	2.37	2.58	2.26	2.18	2.13
MIN	1.58	1.63	1.87	1.90	2.01	2.18	2.20	2.05	2.01	1.86	1.74	1.71

STATION NUMBER 02337500 SNAKE CREEK NEAR WHITESBURG, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 333146 LONGITUDE 0845542 DRAINAGE AREA 35.50 DATUM 832.75 STATE 13 COUNTY 045

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	---	---	---	---	---	.00	.00	.00	1.36	.00	.00	.00
2	---	---	---	---	---	.33	.00	.00	.00	.00	.00	.23
3	---	---	---	---	---	1.82	1.88	.00	.40	.73	.00	1.39
4	---	---	---	---	---	.00	.27	.00	.01	1.10	.04	.03
5	---	---	---	---	---	.00	.11	.00	.02	.01	.05	.00
6	---	---	---	---	---	.00	.00	.00	.00	.00	.10	.00
7	---	---	---	---	---	.00	.00	.00	.07	.00	.03	.00
8	---	---	---	---	---	.00	.00	.00	.51	.00	.00	.00
9	---	---	---	---	---	.00	.00	.00	.00	.03	.03	.00
10	---	---	---	---	---	.00	.00	.09	.00	.82	.01	.00
11	---	---	---	---	---	.00	.00	.02	.20	.00	.00	.28
12	---	---	---	---	---	2.24	.00	.00	1.16	.00	.00	.01
13	---	---	---	---	---	.01	.30	.00	.00	.00	.32	.00
14	---	---	---	---	---	.44	.01	.00	.00	.00	.01	.00
15	---	---	---	---	---	1.77	.77	.00	.11	.00	.00	.00
16	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
17	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	---	---	.00	.00	.00	.00	.00	.12	.00
19	---	---	---	---	---	1.30	.00	.42	.00	.00	.00	.07
20	---	---	---	---	---	1.50	.00	.00	.00	.64	.00	.14
21	---	---	---	---	---	.00	.00	.12	.00	.00	.00	.00
22	---	---	---	---	---	1.12	.00	.81	.60	.00	.00	.00
23	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.21
24	---	---	---	---	---	.00	.02	.21	.04	.00	.00	.47
25	---	---	---	---	---	1.22	.00	.02	.07	.68	.00	.00
26	---	---	---	---	---	.00	.00	.00	.00	.00	.00	.00
27	---	---	---	---	---	.10	.00	.00	.00	.03	.00	.00
28	---	---	---	---	---	.06	.00	.70	.00	.23	.00	.00
29	---	---	---	---	---	1.08	.00	.42	.22	.31	.50	.00
30	---	---	---	---	---	.01	.00	.00	.19	.22	.04	.00
31	---	---	---	---	---	.08	---	.29	---	.09	.62	---
TOTAL	---	---	---	---	---	10.60	3.57	2.98	5.53	4.21	1.87	2.83

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA  
National Water-Quality Assessment station**

**LOCATION.**—Lat 33°31'46", long 84°55'42", Carroll County, Hydrologic Unit 03130002, 4 miles downstream from Little Snake Creek, and 7 miles upstream from mouth.

**DRAINAGE AREA.**—35.5mi<sup>2</sup>.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—March 1968 to June 1979. February 1990 to August 1990, March 1993 to September 2000.

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** October 1961 to September 1962.

**WATER TEMPERATURE:** June 1960 to September 1964.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** Maximum daily, 138  $\mu$ S, Aug 14, 1962; minimum daily, 25  $\mu$ S Feb.22, 1962.

**WATER TEMPERATURE:** Maximum daily, 34.0°C May 18,19,23, 1962; minimum 0.0°C Jan. 20, 1962.

**REMARKS.**—None

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA—continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001													
DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	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 OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED 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													
05...	1215	80020	1028	1.58	3.4	40	.6	745	8.8	96	7.3	30	26.5
05...	1216	1028	1028	1.58	3.4	40	.6	--	--	--	--	--	--
NOV													
30...	1515	80020	1028	1.86	18	40	7.2	745	11.4	100	7.0	35	9.5
30...	1516	1028	1028	1.86	18	40	7.2	--	--	--	--	--	--
DEC													
13...	1230	80020	1028	1.86	13	40	7.2	745	8.8	96	7.3	30	26.5
13...	1231	1028	1028	1.86	13	40	7.2	--	--	--	--	--	--
JAN													
18...	1400	80020	1028	1.98	20	10	3.9	755	10.9	94	7.2	30	11.5
18...	1401	1028	1028	1.98	20	10	3.9	--	--	--	--	--	--
FEB													
22...	1345	80020	1028	2.93	158	10	800	746	9.9	95	6.6	29	10.0
22...	1346	1028	1028	2.93	158	10	800	--	--	--	--	--	--
MAR													
13...	1200	80020	1028	2.91	154	10	85	741	10.0	98	6.5	26	22.0
13...	1201	1028	1028	2.91	154	10	85	--	--	--	--	--	--
APR													
23...	1415	80020	1028	2.27	43	10	8.5	749	9.2	101	7.2	30	26.0
23...	1416	1028	1028	2.27	43	10	8.5	--	--	--	--	--	--
MAY													
16...	1245	80020	1028	2.09	27	10	9.7	743	9.0	103	7.1	31	28.0
16...	1246	1028	1028	2.09	27	10	9.7	--	--	--	--	--	--
JUN													
07...	1345	80020	1028	2.20	52	10	33	746	8.6	104	7.0	33	26.5
07...	1346	1028	1028	2.20	52	10	33	--	--	--	--	--	--
JUL													
10...	1330	80020	1028	2.35	76	10	300	742	8.1	100	7.2	32	29.0
10...	1331	82213	1028	2.35	76	10	300	--	--	--	--	--	--
AUG													
06...	1230	80020	1028	1.89	20	40	13	752	8.2	101	7.3	32	26.0
06...	1231	82213	1028	1.89	20	40	13	--	--	--	--	--	--
SEP													
11...	1300	80020	1028	1.82	14	40	20	749	7.8	95	7.3	36	28.0
11...	1301	82213	1028	1.82	14	40	20	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, 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 CACO3 (39086)	BICAR- BONATE WATER DIS IT FIELD HCO3 (00453)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
OCT													
05...	18.7	--	8	1.9	.922	1.29	.4	2.6	36	11	14	.0	2.4
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	8.5	--	10	2.4	.974	1.25	.4	2.9	35	11	14	--	2.9
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	18.7	--	--	--	--	--	--	--	--	11	14	.0	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	8.7	--	9	2.2	.899	1.00	.4	2.7	36	10	13	.0	2.8
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	12.6	0	7	1.8	.670	1.19	.4	2.3	36	6	8	.0	2.4
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
13...	13.3	2	7	1.7	.703	1.39	.4	2.2	35	5	6	.0	2.4
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	19.0	--	9	2.0	.900	.92	.4	2.8	39	--	--	--	2.6
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	20.5	0	8	1.9	.831	.88	.4	2.6	38	7	9	.0	2.6
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	23.9	--	9	2.0	.896	1.01	.4	2.5	35	9	11	.0	2.4
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	24.4	--	8	1.9	.853	1.03	.4	2.4	36	8	10	.0	2.1
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	25.0	--	9	2.0	.881	.99	.4	2.7	37	10	13	.0	2.6
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	24.6	--	10	2.4	1.01	1.21	.4	2.6	33	--	14	.0	2.7
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA--continued**

DATE	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, 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)
OCT													
05...	<.2	9.4	.9	.29	32	26	<.041	.15	.14	--	--	--	E.036
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	<.2	9.8	1.8	1.58	32	29	<.041	E.09	.18	--	--	--	.102
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	--	--	--	--	--	--	<.040	E.10	.09	--	--	--	.120
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	<.2	8.4	1.7	1.44	26	27	<.041	E.06	.41	--	--	--	.101
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	E.1	6.0	3.2	10.2	24	22	E.027	.13	.93	.28	--	--	.146
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
13...	<.2	6.2	3.5	12.9	31	22	E.022	.18	.41	.32	--	--	.137
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	<.2	8.2	1.7	--	38	--	E.025	.15	.15	.33	--	--	.184
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	<.2	9.3	1.1	2.83	39	25	.049	.16	.20	.31	.149	.660	.156
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	E.1	9.5	2.1	4.77	34	27	E.024	.11	.29	.25	--	--	.139
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	<.2	8.4	1.3	6.74	33	24	E.024	.12	.47	.31	--	--	.188
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.2	9.4	.9	1.28	24	26	<.040	E.09	.16	--	--	--	.085
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	<.2	10	.8	1.25	32	29	<.040	.19	.22	.28	--	--	.090
11...	--	--	--	--	--	--	--	--	--	--	--	--	--



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA—continued**

DATE	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	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)
OCT													
05...	.020	.006	--	--	--	.021	<.018	.018	210	26.6	<.002	<.004	<.002
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	--	<.006	--	--	.28	<.006	<.018	.007	180	70.8	<.002	<.004	<.002
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	--	<.006	--	--	.21	E.004	<.020	.009	--	--	<.002	<.004	<.002
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	--	<.006	--	--	.51	E.004	<.018	.010	160	45.0	<.002	<.004	<.002
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	--	<.006	--	--	1.1	E.005	<.018	.581	210	71.2	<.002	<.004	<.002
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
13...	--	<.006	--	--	.54	.010	<.018	.101	350	52.2	<.002	<.004	<.002
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	--	E.003	--	--	.33	E.003	<.018	.013	240	46.1	<.002	<.004	<.002
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	.023	.007	.11	.15	.36	E.004	<.018	.016	340	38.9	<.002	<.004	<.002
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	--	E.003	--	--	.43	E.004	<.020	.030	200	48.6	<.002	<.004	<.002
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	--	<.006	--	--	.66	<.006	<.020	.137	110	76.4	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	--	<.006	--	--	.24	.007	<.020	.014	110	44.0	<.002	<.004	<.002
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	--	<.006	--	--	.31	E.006	<.020	.029	270	76.9	<.002	<.004	<.002
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA—continued**

DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT PLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	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)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
OCT													
05...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	E.002	<.006	<.005	<.005	<.021
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	<.005	E.003	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
13...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	E.005	<.005	<.021
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	E.003	<.005	<.021
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	<.005	<.007	<.010	<.002	E.002	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	<.005	<.005	<.021
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA—continued**

DATE	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 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)
OCT													
05...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
13...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002	<.007
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA—continued**

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)	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)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
OCT													
05...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011	<.016
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011	<.016
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
13...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	E.004	<.016
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011	<.016
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	E.009	<.016
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
13...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	E.010	<.016
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	E.002	<.016
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011	<.016
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011	E.005
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011	<.016
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011	<.016
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02337500 SNAKE CREEK NEAR WHITESBURG, GA—continued**

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)	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, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SAMPLER TYPE (CODE) (84164)
OCT									
05...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
05...	--	--	--	--	--	90	16	.15	8010
NOV									
30...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
30...	--	--	--	--	--	96	12	.59	8010
DEC									
13...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
13...	--	--	--	--	--	96	9	.31	8010
JAN									
18...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
18...	--	--	--	--	--	97	10	.55	3045
FEB									
22...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
22...	--	--	--	--	--	97	544	232	3045
MAR									
13...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
13...	--	--	--	--	--	68	119	49	3045
APR									
23...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
23...	--	--	--	--	--	92	7	.82	3045
MAY									
16...	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
16...	--	--	--	--	--	--	--	--	3045
JUN									
07...	<.034	<.017	<.005	<.002	E.005	--	--	--	3045
07...	--	--	--	--	--	98	20	2.8	3045
JUL									
10...	--	--	--	--	--	--	--	--	3045
10...	--	--	--	--	--	100	171	35	3045
AUG									
06...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
06...	--	--	--	--	--	92	9	.48	8010
SEP									
11...	<.034	<.017	<.005	<.002	<.009	--	--	--	8010
11...	--	--	--	--	--	94	15	.59	8010

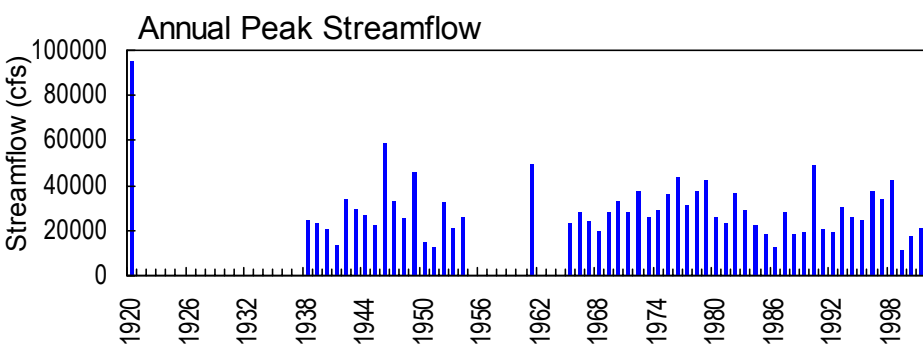
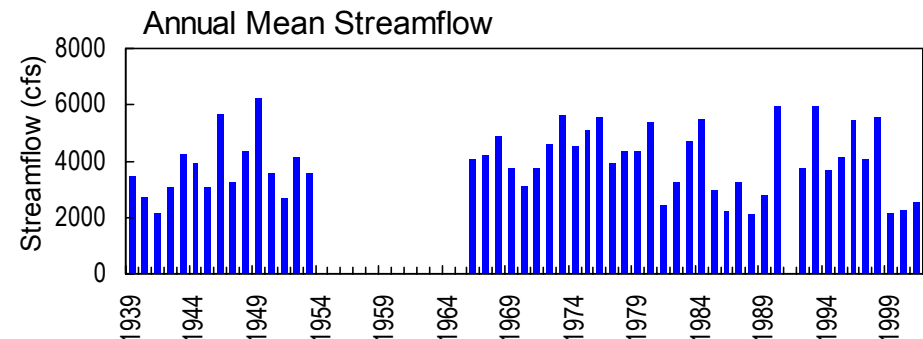
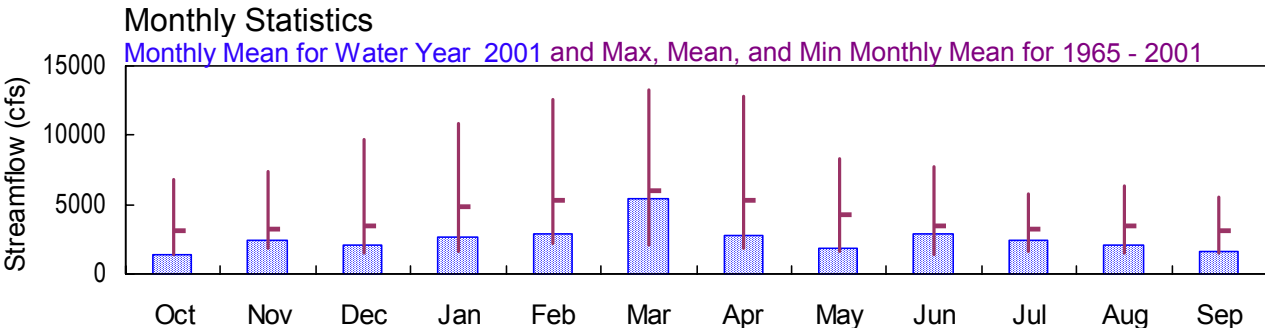
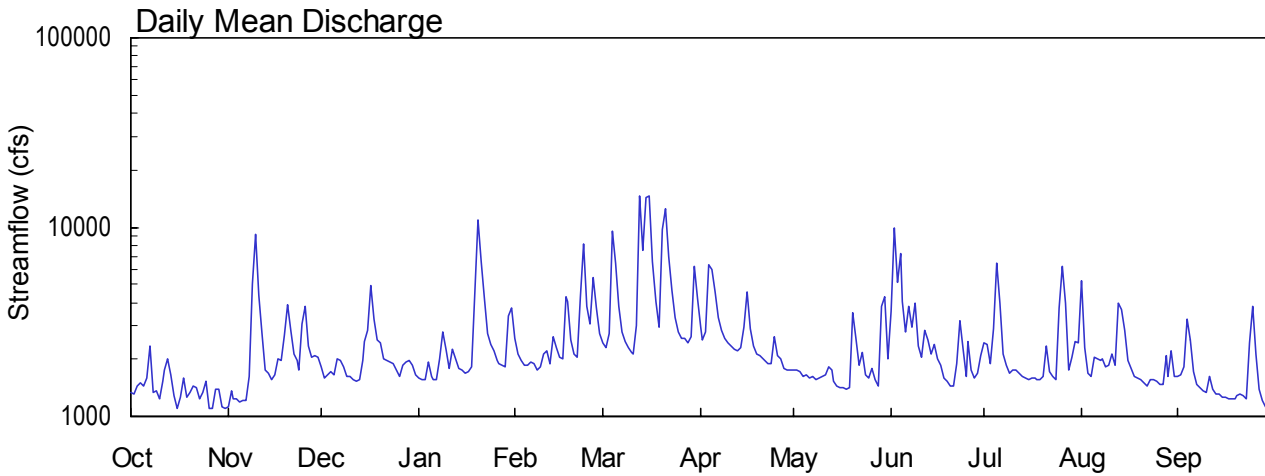
Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA

Latitude: 33° 28 ' 37" Longitude: 84° 54 ' 03" Hydrologic Unit Code: 03130002 Carroll County  
 Drainage Area: 2430 mi<sup>2</sup> Datum: 682.1 feet Period of Record: 1965 - 2001



02338000 - Chattahoochee River near Whitesburg, GA - March 12, 1973

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA  
(National Water-Quality Assessment station)**

**LOCATION.**--Lat 33°28'37", long 84°54'04", Carroll-Coweta County line, Hydrologic Unit 03130002, at downstream end of right bank pier of bridge on GA Highway 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<sup>2</sup>, 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 sea level. 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 poor. Flow regulated by Lake Sidney Lanier since January 1956. Considerable diurnal fluctuation caused by the operation of the Morgan Falls hydroelectric plant. Average discharge adjusted for storage was published in records prior to October 1, 1999.

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA—continued.  
(National Water-Quality Assessment station)**

**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 sea level. 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, 15.67 feet, March 15; minimum gage-height recorded, 2.17 feet, October 16.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—December 4, 2000 to September 30.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**--Records good.





STATION NUMBER 02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 332837 LONGITUDE 0845403 DRAINAGE AREA 2430.00 DATUM 682.06 STATE 13 COUNTY 045

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	2.61	2.33	3.16	2.88	3.99	3.84	4.36	3.11	4.69	3.81	6.19	2.93
2	2.55	2.61	2.88	2.86	3.51	3.67	3.91	3.07	9.42	3.78	3.67	2.97
3	2.72	2.45	2.99	2.86	3.34	4.13	4.14	3.04	6.12	3.24	3.01	3.16
4	2.78	2.45	---	3.29	3.23	9.18	7.12	2.92	7.68	4.26	2.95	4.58
5	2.72	2.41	2.96	2.92	3.20	7.13	6.85	2.97	5.28	7.19	3.41	3.90
6	2.89	2.44	3.37	2.87	3.31	5.08	5.68	2.91	4.20	5.20	3.39	3.04
7	3.73	2.43	3.33	2.86	3.25	4.19	4.66	2.92	5.10	3.50	3.34	2.77
8	2.58	2.95	3.14	3.35	3.08	3.86	4.26	2.88	4.35	3.22	3.36	2.70
9	2.61	5.74	2.93	4.19	3.18	3.70	3.99	2.89	5.22	3.03	3.18	2.62
10	2.46	8.99	2.92	3.63	3.50	3.57	3.83	2.93	3.73	3.09	3.23	2.58
11	2.82	5.60	2.85	---	3.60	3.50	3.72	2.96	3.41	3.08	3.51	2.92
12	3.09	4.12	2.83	---	3.26	4.27	3.61	3.16	4.21	3.00	3.20	2.67
13	3.36	3.08	2.86	---	4.03	12.18	3.57	3.08	3.94	2.96	5.14	2.57
14	2.97	3.02	3.31	---	3.68	7.89	3.69	2.82	3.50	2.88	4.96	2.55
15	2.52	2.86	3.85	---	3.40	11.69	4.28	2.74	3.77	2.86	4.19	2.51
16	2.29	2.96	4.17	---	3.37	12.01	5.70	2.69	3.39	2.89	3.33	2.49
17	2.50	3.37	6.00	---	5.43	7.24	4.31	2.69	3.21	2.90	3.12	2.47
18	2.88	3.31	4.64	3.19	5.27	5.33	3.71	2.66	2.91	2.86	2.93	2.47
19	2.51	4.05	3.94	5.48	3.91	4.35	3.52	2.71	2.82	2.87	2.89	2.48
20	2.58	5.15	3.82	10.15	3.52	9.00	3.44	4.78	---	2.94	2.86	2.53
21	2.71	4.21	3.39	7.23	3.40	11.00	3.37	3.94	---	3.74	2.77	2.56
22	2.69	3.49	3.31	5.42	5.26	7.51	3.28	3.19	---	3.06	2.74	2.51
23	2.45	3.32	3.29	4.13	8.28	5.79	3.24	3.54	4.58	2.94	2.85	2.48
24	2.57	3.10	3.23	3.80	5.12	4.67	3.26	2.96	3.62	2.85	2.86	3.72
25	2.82	4.36	3.08	3.59	4.47	4.20	4.03	2.89	2.94	4.84	2.82	5.08
26	2.29	5.06	2.92	3.35	6.39	3.97	3.47	3.11	3.82	6.99	2.77	3.49
27	2.28	3.73	3.20	3.25	5.08	3.97	3.36	2.85	3.07	---	2.76	2.64
28	2.66	3.42	3.29	3.21	4.14	3.83	3.13	2.74	2.90	3.09	3.44	2.43
29	2.63	3.46	3.34	3.16	---	4.03	3.11	4.95	3.01	3.44	2.93	2.32
30	2.30	3.42	3.23	4.68	---	6.99	3.09	5.45	3.45	3.89	3.57	2.28
31	2.29	---	2.98	5.05	---	5.48	---	3.36	---	3.83	2.95	---
MEAN	2.67	3.66	---	---	4.11	6.04	4.06	3.19	---	---	3.37	2.88
MAX	3.73	8.99	---	---	8.28	12.18	7.12	5.45	---	---	6.19	5.08
MIN	2.28	2.33	---	---	3.08	3.50	3.09	2.66	---	---	2.74	2.28

STATION NUMBER 02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 332837 LONGITUDE 0845403 DRAINAGE AREA 2430.00 DATUM 682.06 STATE 13 COUNTY 045

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	---	---	---	.01	.00	.00	.00	.00	1.53	.02	.00	.01
2	---	---	---	.00	.00	.41	.00	.00	.01	.27	.00	.20
3	---	---	---	.00	.00	1.80	1.80	.00	.46	.14	.00	1.16
4	---	---	---	.00	.00	.00	.36	.00	.04	.77	.03	.00
5	---	---	.00	.00	.00	.00	.03	.00	.01	.67	.00	.00
6	---	---	.00	.00	.00	.00	.00	.00	.11	.01	.16	.00
7	---	---	.00	.16	.00	.00	.00	.00	.41	.00	.27	.00
8	---	---	.00	.47	.00	.00	.00	.00	.57	.00	.00	.00
9	---	---	.00	.00	.18	.00	.00	.00	.00	.02	.25	.00
10	---	---	.01	.00	.31	.00	.00	.04	.00	.88	.01	.00
11	---	---	.00	---	.00	.00	.00	.93	.74	.00	.00	.10
12	---	---	.02	---	.39	2.28	.00	.00	1.36	.00	.00	.00
13	---	---	.12	---	.05	.01	.50	.00	.01	.00	.30	.00
14	---	---	.33	---	.04	.39	.01	.00	.01	.00	.00	.08
15	---	---	.33	---	.00	1.60	.69	.00	.08	.00	.00	.00
16	---	---	.51	---	1.02	.00	.00	.00	.00	.00	.00	.00
17	---	---	.00	---	.01	.00	.00	.00	.00	.00	.00	.00
18	---	---	.02	.68	.00	.00	.00	.00	.00	.00	.41	.00
19	---	---	.06	1.29	.00	1.15	.00	.31	.00	.00	.00	---
20	---	---	.04	.01	.03	1.53	.00	.00	---	1.78	.00	---
21	---	---	.26	.00	.00	.00	.00	.09	---	.00	.00	---
22	---	---	.01	.00	.99	.00	.00	.34	---	.00	.00	---
23	---	---	.00	.00	.00	.00	.00	.00	.01	.00	.00	---
24	---	---	.00	.00	.00	.01	.81	.07	.00	.00	.00	---
25	---	---	.00	.00	1.05	.00	.03	.08	1.42	.00	.00	---
26	---	---	.00	.01	.00	.00	.00	.00	.01	.00	.00	---
27	---	---	.15	.00	.19	.00	.00	.03	.00	---	.00	---
28	---	---	.31	.00	.08	.00	.00	.85	.00	.06	.00	---
29	---	---	.00	.66	---	1.14	.00	.16	.31	.11	.15	---
30	---	---	.00	.36	---	.01	.00	.00	.26	.65	.06	---
31	---	---	.00	.00	---	.06	---	.33	---	.00	.27	---
TOTAL	---	---	---	---	4.34	10.39	4.23	3.23	---	---	1.91	---

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA  
(National Water-Quality Assessment station)**

**LOCATION.**—Lat 33°28'37", long 84°54'04", Carroll-Coweta County line, Hydrologic Unit 03130002, 1.5 miles downstream from Cedar Creek, 2.0 miles downstream from Snake Creek, and at mile 259.8.

**DRAINAGE AREA.**—2,430 mi<sup>2</sup>, approximately.

**PERIODIC WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**— February 1968 to May 1972, July 1975 to current year.

**PERIOD OF DAILY RECORD.**—

**WATER TEMPERATURE:** August 1975 to September 1976, November 1978 to September 1984.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**WATER TEMPERATURE:** Maximum 31.5°C June 24, 1981; minimum, 1.5°C January 13, 1982.

**REMARK**—None.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE NUMBER (CODE 00028)	AGENCY COL- LECTING SAMPLE NUMBER (CODE 00027)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	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 (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	
				682.06		DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)		TUR- BID- ITY FIELD WATER UNFLTRD (NTU) (61028)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	
OCT													
05...	1000	80020	1028	682.06	2.77	1480	20	11	750	7.4	87	6.8	152
05...	1001	1028	1028	682.06	2.77	1480	20	11	--	--	--	--	--
NOV													
30...	1315	80020	1028	682.06	3.43	2060	40	8.2	750	9.6	90	7.1	145
30...	1316	1028	1028	682.06	3.43	2060	40	8.2	--	--	--	--	--
DEC													
18...	1230	80020	1028	682.06	4.54	3180	20	70	749	7.7	66	6.4	89
18...	1231	1028	1028	682.06	4.54	3180	20	70	--	--	--	--	--
JAN													
18...	1215	80020	1028	682.06	3.18	1840	20	2.0	751	9.2	87	7.3	166
18...	1216	1028	1028	682.06	3.18	1840	20	2.0	--	--	--	--	--
FEB													
22...	1200	80020	1028	682.06	3.95	2560	20	28	751	8.8	86	7.1	141
22...	1201	1028	1028	682.06	3.95	2560	20	28	--	--	--	--	--
MAR													
12...	1215	80020	1028	682.06	3.64	2260	20	12	747	9.1	88	6.5	141
12...	1216	1028	1028	682.06	3.64	2260	20	12	--	--	--	--	--
APR													
23...	1145	80020	1028	682.06	3.28	1930	20	8.2	756	7.6	87	6.8	155
23...	1146	1028	1028	682.06	3.28	1930	20	8.2	--	--	--	--	--
MAY													
16...	1045	80020	1028	682.06	2.67	1400	20	5.0	747	6.8	83	6.8	164
16...	1046	1028	1028	682.06	2.67	1400	20	5.0	--	--	--	--	--
JUN													
07...	1145	80020	1028	682.06	6.14	5060	20	85	750	6.6	81	6.8	130
07...	1146	82213	1028	682.06	6.14	5060	20	85	--	--	--	--	--
JUL													
10...	1145	80020	1028	682.06	3.13	1790	20	40	747	6.3	83	7.0	165
10...	1146	82213	1028	682.06	3.13	1790	20	40	--	--	--	--	--
AUG													
06...	1045	80020	1028	682.06	3.46	2090	20	65	753	6.6	84	6.6	140
06...	1046	82213	1028	682.06	3.46	2090	20	65	--	--	--	--	--
SEP													
11...	1130	80020	1028	682.06	3.07	1740	20	21	753	6.5	83	7.1	185
11...	1131	82213	1028	682.06	3.07	1740	20	21	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued**

DATE	TEMPER- ATURE AIR (DEG C) (00020)	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 CACO3 (39086)	BICAR- BONATE WATER DIS IT FIELD HCO3 (00453)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)
OCT													
05...	25.0	22.5	2	29	8.6	1.81	4.23	1	15.1	49	27	33	.0
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	10.5	11.7	--	30	9.1	1.80	3.81	1	14.1	47	30	37	.0
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
18...	3.5	8.1	0	21	6.0	1.37	2.96	.7	7.5	40	20	25	.0
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	10.5	12.0	1	31	9.4	1.95	4.03	1	17.5	51	30	37	.0
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	11.0	13.5	3	31	9.3	1.86	3.54	1	13.3	45	28	34	.0
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	14.0	12.9	4	32	9.5	1.92	3.46	1.0	12.6	43	28	34	.0
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	24.0	21.4	5	35	10.6	2.08	3.50	1	13.7	43	30	36	.0
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	29.5	24.0	3	34	10.3	2.05	3.82	1	15.4	46	31	38	.0
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	26.5	24.7	6	29	8.8	1.76	3.11	.9	10.6	41	23	28	.0
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	28.5	28.7	4	34	10.4	1.99	3.75	1	15.1	46	30	37	.0
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	27.5	26.7	6	32	10.0	1.73	3.54	.9	12.0	42	26	32	.0
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	28.0	27.3	4	37	11.3	2.01	4.34	1	17.2	47	32	39	.0
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued**

DATE	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	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 SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO- GEN, 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)
OCT													
05...	13.0	.3	7.7	11.8	388	97	88	<.041	.29	.37	2.4	2.09	9.27
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	11.9	.2	9.4	10.5	528	95	88	.403	.67	.75	2.4	1.72	7.62
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
18...	6.7	E.1	6.9	7.0	558	65	54	<.041	.32	.58	1.1	.776	3.44
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	13.9	.3	8.7	12.8	512	103	97	.176	.44	.43	2.8	2.30	10.2
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	10.9	.2	9.1	11.3	629	91	85	.148	.46	.59	2.3	1.75	7.75
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	11.3	.2	9.6	11.4	574	94	86	.195	.42	.52	2.4	1.88	8.34
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	12.0	.2	9.0	11.7	516	99	89	<.041	.31	.32	2.1	1.77	7.84
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	12.8	.3	9.3	11.9	393	104	94	.074	.35	.40	2.5	2.05	9.07
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	9.6	.2	9.9	10.6	1170	86	75	<.040	.33	.81	1.8	1.47	6.51
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	14.3	.3	10.1	11.2	507	105	95	<.040	.32	.50	2.5	2.15	9.50
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	11.1	.2	8.0	11.1	491	87	82	E.025	.27	.47	2.1	1.82	8.05
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	17.8	.3	8.3	12.5	531	113	105	<.040	.29	.40	3.0	2.69	11.9
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued**

DATE	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 DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	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)
OCT													
05...	2.11	.039	.012	--	--	2.5	.042	.031	.082	50	32.3	<.002	<.004
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	1.76	.141	.043	.27	.35	2.5	.115	.100	.142	220	43.2	<.002	<.004
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
18...	.796	.066	.020	--	--	1.4	.040	<.018	.169	80	8.4	<.002	<.004
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	2.35	.141	.043	.27	.25	2.8	.039	.027	.084	130	56.5	<.002	<.004
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	1.81	.187	.057	.31	.45	2.4	.051	.025	.115	170	65.0	<.002	<.004
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	1.95	.200	.061	.22	.32	2.5	.021	E.013	.056	180	68.9	<.002	<.004
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	1.79	.079	.024	--	--	2.1	.017	<.018	.039	250	67.4	<.002	<.004
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	2.10	.171	.052	.28	.33	2.5	.031	E.012	.050	140	53.0	<.002	<.004
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	1.49	.069	.021	--	--	2.3	.024	<.020	.169	80	13.0	<.002	<.004
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	2.17	.069	.021	--	--	2.7	.039	E.016	.112	60	63.8	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	1.84	.066	.020	--	--	2.3	.030	.018	.108	40	11.4	<.002	<.004
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	2.70	.033	.010	--	--	3.1	.037	E.013	.080	70	32.5	<.002	<.004
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued**

DATE	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)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	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)
OCT													
05...	<.002	<.005	.010	<.010	<.002	E.017	<.020	<.005	<.018	<.003	<.006	.011	<.005
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	<.002	<.005	.009	<.010	<.002	E.006	<.020	<.005	<.018	<.003	E.004	.013	<.005
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
18...	<.002	<.005	.025	<.010	<.002	E.017	<.020	.005	<.018	E.002	<.006	.025	<.005
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	<.002	<.005	.015	<.010	<.002	E.008	<.020	<.005	<.018	E.002	<.006	.009	<.005
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	<.002	<.005	.136	<.010	<.002	E.014	<.020	<.005	<.018	<.003	E.006	.011	<.005
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.002	<.005	.034	<.010	<.002	<.041	<.020	<.005	<.018	<.003	E.012	.006	<.005
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	<.002	<.005	.015	<.010	<.002	E.006	<.020	<.005	<.018	<.003	E.004	.014	<.005
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	<.002	<.005	.011	<.010	<.002	E.035	<.020	<.005	<.018	<.003	E.003	.019	<.005
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	<.002	<.005	.022	<.010	<.002	E.015	<.020	<.005	<.018	<.003	E.006	.057	<.005
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.002	<.005	.008	<.010	<.002	E.024	<.020	<.005	<.018	<.003	<.006	.030	<.005
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	<.002	<.005	.008	<.010	<.002	<.041	<.020	<.005	<.018	<.003	<.006	.013	<.005
11...	--	--	--	--	--	--	--	--	--	--	--	--	--



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued**

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 LINDANE DISS REC (UG/L) (04095)	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 WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
OCT													
05...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
18...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	.026	<.006	<.002
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	E.007	<.050	<.006	<.013	<.006	<.002
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006	<.013	<.006	<.002
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued**

DATE	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	P, P' DDE DISSOLV (UG/L) (34653)	PARATHION, 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)
OCT													
05...	<.007	<.004	<.007	<.002	<.010	<.006	<.011	E.008	<.004	<.010	<.011	<.023	.032
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
30...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	.432
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC													
18...	<.007	<.003	<.007	<.002	E.009	<.006	<.011	E.009	.018	<.010	<.011	<.023	1.12
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JAN													
18...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.006	<.004	<.010	<.011	<.023	.169
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
22...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.005	<.010	<.010	<.011	<.023	5.02
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
12...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.004	<.010	<.011	<.023	<.011
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
23...	<.007	<.003	<.007	<.002	<.012	<.006	<.011	E.006	<.004	<.010	<.011	<.023	.048
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
16...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.010	<.004	<.010	<.011	<.023	.030
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
07...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.014	<.004	<.010	<.011	<.023	.046
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
06...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	.016	<.004	<.010	<.011	<.023	.016
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
11...	<.007	<.003	<.007	<.002	<.010	<.006	<.011	E.008	<.004	<.010	<.011	<.023	.017
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GA--continued**

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, DIS- CHARGE, SUS- PENDEDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (T/DAY) (80155)	SAMPLER TYPE (CODE) (84164)
OCT										
05...	E.013	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
05...	--	--	--	--	--	--	87	42	168	3045
NOV										
30...	<.016	<.034	<.017	<.005	<.002	<.009	--	--	--	3060
30...	--	--	--	--	--	--	95	24	133	3060
DEC										
18...	.022	<.034	<.017	<.005	<.002	<.009	--	--	--	3051
18...	--	--	--	--	--	--	95	92	790	3051
JAN										
18...	E.011	<.034	<.017	<.005	<.002	<.009	--	--	--	3051
18...	--	--	--	--	--	--	93	29	144	3051
FEB										
22...	E.011	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
22...	--	--	--	--	--	--	95	57	394	3045
MAR										
12...	<.016	<.034	<.017	<.005	<.002	E.004	--	--	--	3045
12...	--	--	--	--	--	--	97	40	244	3045
APR										
23...	E.019	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
23...	--	--	--	--	--	--	90	12	63	3045
MAY										
16...	.020	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
16...	--	--	--	--	--	--	96	8	30	3045
JUN										
07...	.016	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
07...	--	--	--	--	--	--	84	143	1950	3045
JUL										
10...	--	--	--	--	--	--	--	--	--	3045
10...	--	--	--	--	--	--	95	50	242	3045
AUG										
06...	E.013	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
06...	--	--	--	--	--	--	96	64	361	3045
SEP										
11...	<.016	<.034	<.017	<.005	<.002	<.009	--	--	--	3045
11...	--	--	--	--	--	--	94	30	141	3045

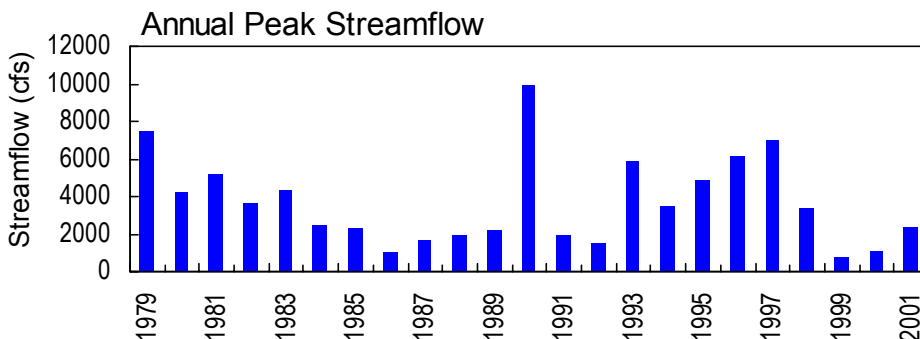
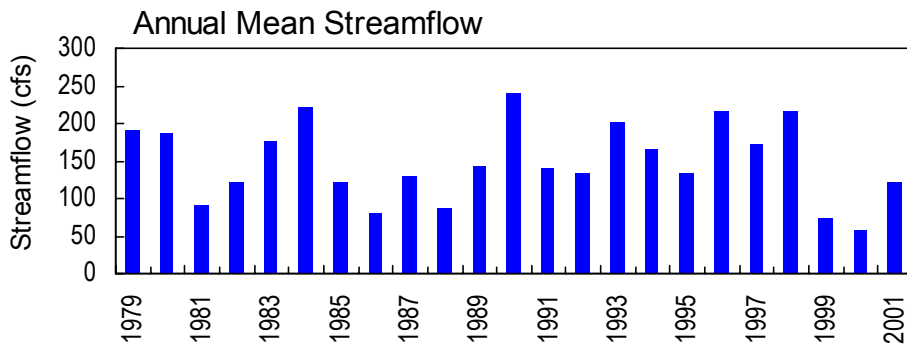
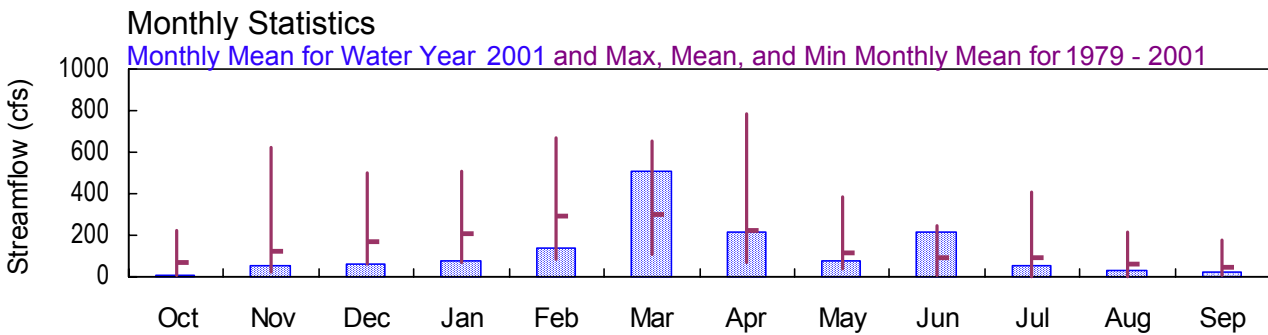
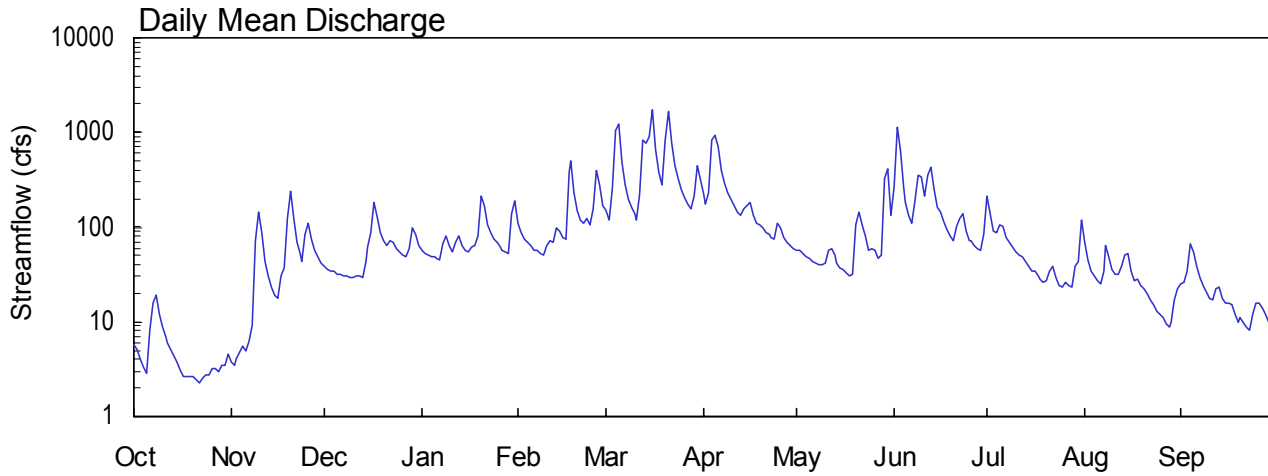
Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# APALACHICOLA RIVER BASIN

## 2001 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: 2680 mi<sup>2</sup> Datum: 623.9 feet Period of Record: 1979 - 2001



USGS 02338660 NEW RIVER AT ST RT 100 NEAR CORINTH, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA**

**LOCATION.**--Lat 33°14'07", long 84°59'16", Heard County, Hydrologic Unit 03130002, at bridge on GA Highway 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.**--127 mi<sup>2</sup>.

**COOPERATION.**—Georgia Geologic Survey.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--October 1978 to current year.

**REVISED RECORDS.**--WDR GA-90-1: 1979(M).

**GAGE.**--Water-stage recorder. Datum of gage is 634.68 feet above sea level.

**REMARKS.**--Records good.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharge greater than base discharge of 1,800 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 5	0030	1,850	9.17
Mar. 16	0430	*2,420	9.78
Mar. 21	0630	2,090	9.43

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--October 1978 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 634.68 feet above sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 9.78 feet, March 16; minimum gage-height recorded, 2.44 feet, October 6.

STATION NUMBER 02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331407 LONGITUDE 0845916 DRAINAGE AREA 127.00 DATUM 634.68 STATE 13 COUNTY 149

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	5.7	3.8	38	58	110	148	222	58	274	213	70	25
2	5.1	3.5	36	53	86	121	176	56	1150	137	45	26
3	4.0	4.1	35	51	75	259	232	52	641	90	35	34
4	3.4	4.8	35	48	68	1040	844	49	261	88	30	66
5	2.9	5.6	32	48	63	1250	925	46	185	108	27	55
6	8.0	4.9	32	47	58	485	709	44	134	101	25	38
7	16	6.3	31	45	56	279	392	42	111	79	35	29
8	19	9.2	31	67	53	200	286	40	193	68	65	24
9	12	71	29	81	51	163	231	40	350	62	48	21
10	8.9	144	29	63	65	138	196	41	340	55	36	18
11	7.0	87	30	55	73	121	168	56	211	51	32	17
12	6.0	44	30	70	70	220	144	59	358	49	32	22
13	5.1	30	29	81	99	844	132	51	423	43	39	23
14	4.3	23	43	65	90	759	156	41	250	38	51	18
15	3.7	19	61	58	78	912	170	37	160	35	52	16
16	3.1	18	88	55	74	1740	184	36	145	34	34	16
17	2.6	30	184	62	383	656	135	33	115	31	27	15
18	2.6	37	130	63	494	377	112	30	95	28	28	12
19	2.6	124	86	81	232	284	105	32	80	26	24	10
20	2.6	240	73	215	152	834	97	104	73	27	22	11
21	2.4	124	64	170	120	1700	88	143	101	34	20	9.8
22	2.3	69	73	107	111	780	83	106	123	38	17	8.9
23	2.5	52	70	86	125	454	79	80	139	29	15	8.1
24	2.8	44	60	76	106	322	76	57	90	24	13	12
25	2.8	84	55	68	155	254	109	59	71	23	12	16
26	3.2	111	51	61	396	204	97	56	71	26	11	16
27	3.2	76	49	57	276	173	78	47	65	24	9.6	14
28	3.0	56	59	55	172	154	69	50	60	23	8.9	12
29	3.5	48	97	53	---	215	64	322	57	38	9.9	10
30	3.5	42	85	141	---	449	60	413	84	43	17	9.0
31	4.5	---	65	188	---	315	---	135	---	117	22	---
TOTAL	158.3	1615.2	1810	2428	3891	15850	6419	2415	6410	1782	912.4	611.8
MEAN	5.11	53.8	58.4	78.3	139	511	214	77.9	214	57.5	29.4	20.4
MAX	19	240	184	215	494	1740	925	413	1150	213	70	66
MIN	2.3	3.5	29	45	51	121	60	30	57	23	8.9	8.1
CFSM	.04	.42	.46	.62	1.09	4.03	1.68	.61	1.68	.45	.23	.16
IN.	.05	.47	.53	.71	1.14	4.64	1.88	.71	1.88	.52	.27	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 2001, BY WATER YEAR (WY)

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	65.5	122	167	208	295	303	224	118	90.0	91.9	64.6	49.9												
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	25.2	58.0	67.2	87.4	104	70.6	35.2	10.6	2.67	3.82	6.30												
(WY)	2001	1982	1999	1981	2000	1988	1986	2000	2000	2000	2000	1999												

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1979 - 2001

ANNUAL TOTAL	20804.11	44302.7		
ANNUAL MEAN	56.8	121	149	
HIGHEST ANNUAL MEAN			241	1990
LOWEST ANNUAL MEAN			56.8	2000
HIGHEST DAILY MEAN	989	Jan 11	1740	Mar 16
LOWEST DAILY MEAN	.37	Aug 20	2.3	Oct 22
ANNUAL SEVEN-DAY MINIMUM	.65	Aug 15	2.5	Oct 17
MAXIMUM PEAK FLOW			2420	Mar 16
MAXIMUM PEAK STAGE			9.78	Mar 16
ANNUAL RUNOFF (CFSM)	.45		.96	
ANNUAL RUNOFF (INCHES)	6.09		12.98	15.95
10 PERCENT EXCEEDS	118		266	304
50 PERCENT EXCEEDS	30		57	85
90 PERCENT EXCEEDS	2.4		8.9	17

STATISTICS COMPUTED BY: wbennett

DATE: 03/12/2002 AT: 09:57:15

STATION NUMBER 02338660 NEW RIVER AT GA 100, NEAR CORINTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331407 LONGITUDE 0845916 DRAINAGE AREA 127.00 DATUM 634.68 STATE 13 COUNTY 149

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	2.67	2.87	3.85	4.21	4.94	5.34	5.89	4.21	5.81	5.82	4.26	3.35
2	2.64	2.86	3.82	4.12	4.63	5.07	5.57	4.17	8.33	5.17	3.81	3.39
3	2.56	2.89	3.81	4.10	4.47	6.00	5.82	4.11	7.35	4.59	3.60	3.58
4	2.52	2.93	3.80	4.04	4.37	8.12	7.85	4.06	6.11	4.55	3.48	4.19
5	2.48	2.98	3.74	4.04	4.30	8.44	8.03	4.00	5.63	4.85	3.42	3.99
6	2.76	2.94	3.73	4.03	4.22	6.99	7.58	3.98	5.17	4.75	3.37	3.67
7	3.15	3.01	3.72	4.00	4.17	6.20	6.69	3.95	4.89	4.42	3.58	3.47
8	3.23	3.13	3.72	4.35	4.13	5.75	6.24	3.90	5.65	4.23	4.18	3.34
9	3.00	4.33	3.68	4.56	4.09	5.47	5.95	3.90	6.51	4.12	3.87	3.25
10	2.85	5.31	3.68	4.29	4.32	5.25	5.72	3.92	6.47	4.00	3.63	3.18
11	2.76	4.63	3.71	4.16	4.44	5.08	5.51	4.18	5.81	3.93	3.53	3.12
12	2.72	3.96	3.70	4.40	4.40	5.66	5.30	4.23	6.55	3.90	3.54	3.28
13	2.68	3.69	3.68	4.56	4.81	7.84	5.19	4.09	6.81	3.77	3.67	3.31
14	2.65	3.55	3.95	4.32	4.69	7.66	5.41	3.92	6.04	3.66	3.92	3.17
15	2.63	3.45	4.26	4.22	4.52	7.90	5.52	3.84	5.43	3.60	3.93	3.11
16	2.61	3.40	4.64	4.16	4.46	9.04	5.63	3.82	5.29	3.57	3.58	3.10
17	2.58	3.70	5.63	4.28	6.58	7.46	5.22	3.77	4.95	3.50	3.41	3.06
18	2.60	3.85	5.14	4.29	7.02	6.63	4.97	3.71	4.66	3.43	3.45	2.98
19	2.61	4.99	4.63	4.55	5.94	6.23	4.88	3.73	4.42	3.39	3.34	2.92
20	2.62	6.00	4.45	5.83	5.37	7.75	4.78	4.87	4.31	3.40	3.28	2.93
21	2.63	5.07	4.31	5.51	5.07	9.00	4.66	5.28	4.74	3.58	3.21	2.90
22	2.63	4.38	4.44	4.90	4.96	7.74	4.59	4.89	4.97	3.66	3.13	2.86
23	2.66	4.12	4.39	4.64	5.11	6.91	4.53	4.55	5.22	3.45	3.07	2.83
24	2.69	3.98	4.24	4.49	4.90	6.41	4.49	4.20	4.59	3.32	3.02	2.97
25	2.71	4.60	4.16	4.38	5.30	6.08	4.93	4.23	4.28	3.32	2.98	3.11
26	2.74	4.95	4.09	4.26	6.70	5.78	4.78	4.18	4.27	3.39	2.93	3.10
27	2.76	4.49	4.07	4.20	6.16	5.54	4.52	4.03	4.18	3.33	2.89	3.03
28	2.76	4.19	4.22	4.16	5.54	5.40	4.38	4.09	4.09	3.30	2.86	2.97
29	2.80	4.05	4.77	4.13	---	5.77	4.31	6.25	4.04	3.67	2.90	2.92
30	2.82	3.94	4.62	5.20	---	6.90	4.25	6.72	4.49	3.76	3.14	2.86
31	2.89	---	4.33	5.65	---	6.37	---	5.20	---	4.96	3.27	---
MEAN	2.72	3.94	4.16	4.45	4.99	6.64	5.44	4.32	5.37	3.95	3.43	3.20
MAX	3.23	6.00	5.63	5.83	7.02	9.04	8.03	6.72	8.33	5.82	4.26	4.19
MIN	2.48	2.86	3.68	4.00	4.09	5.07	4.25	3.71	4.04	3.30	2.86	2.83

## APALACHICOLA RIVER BASIN

### 02339400 WEST POINT LAKE NEAR WEST POINT, GA

**LOCATION.**--Lat 32°55'05", long 85°11'17", 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 U.S. Highway 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/enhw.htm>

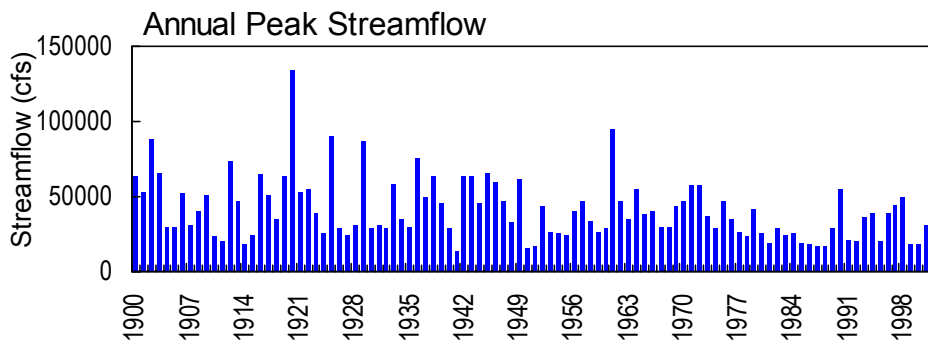
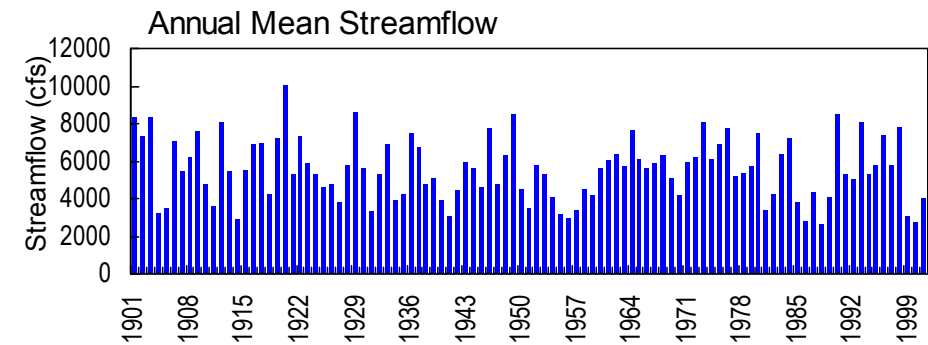
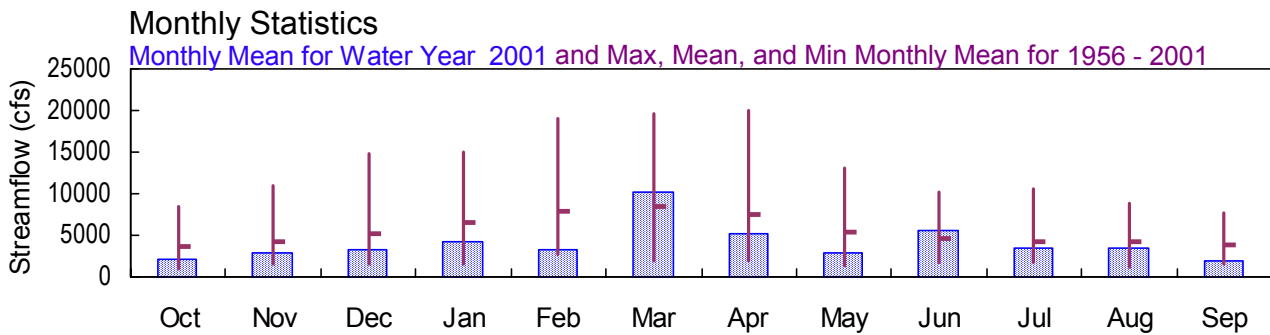
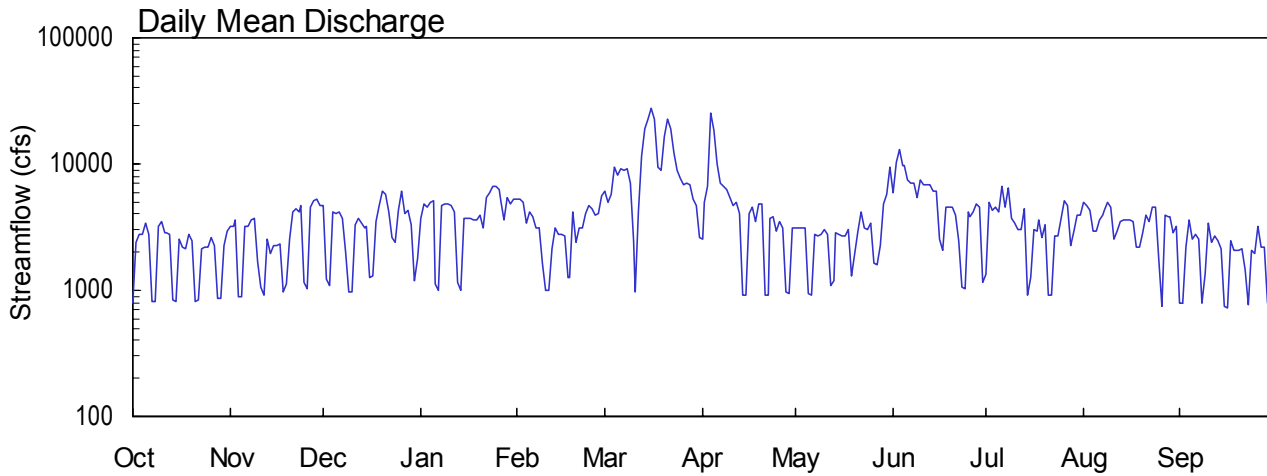


# APALACHICOLA RIVER BASIN

## 2001 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: 3550 mi<sup>2</sup> Datum: 551.7 feet Period of Record: 1956 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA**

**LOCATION.**--Lat 32°53'10", long 85°10'56", Troup County, Hydrologic Unit 03130002, on right bank just downstream from Oseligee Creek at West Point, 1.0 mile upstream from bridge on US Highway 29, 2.5 miles downstream from West Point Dam and at mile 198.9.

**DRAINAGE AREA.**--3,550 mi<sup>2</sup>, 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 sea level. 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.

**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<sup>3</sup>/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 sea level. 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, 13.11 feet, April 4; minimum gage-height recorded, 1.96 feet, September 13.

STATION NUMBER 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325310 LONGITUDE 0851056 DRAINAGE AREA 3550.00 DATUM 551.67 STATE 13 COUNTY 285

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	796	3190	4720	3670	5220	6030	2540	3080	5880	1340	4980	795
2	2410	3230	1240	4800	5210	5010	5010	3150	10300	4910	4620	792
3	2750	3570	1100	4550	4920	5690	6730	3110	12900	4300	4260	2200
4	2740	879	4220	5020	3420	9540	25300	3110	9780	4540	2920	3570
5	3400	880	4050	5100	4130	8130	18500	930	9660	4180	2910	2530
6	2780	3230	4200	1140	3840	9220	9890	929	7400	6600	3620	2790
7	818	3170	3690	997	3080	8990	7140	2770	6980	4490	3940	2510
8	811	3590	2020	4630	3120	9040	6700	2730	6960	6430	4280	791
9	3170	3720	967	4810	1650	7080	6240	2740	5370	3730	4950	1320
10	3510	1680	973	4890	987	2440	5380	3030	7370	3360	4600	3440
11	2830	1060	3320	4710	1000	980	4750	2750	6820	3030	2570	2380
12	2860	913	3710	4170	2140	4130	5010	1090	6830	3030	2900	2660
13	2790	2550	3440	1150	3150	11500	4000	1180	6900	4380	3540	2440
14	847	1940	3130	988	2780	18800	909	2850	6060	906	3580	2110
15	817	2240	3200	3720	2790	22700	909	2760	6050	1280	3560	742
16	2530	2240	1260	3730	2700	27700	4080	2730	2540	3000	3560	731
17	2180	2300	1310	3760	1280	22600	4500	2720	2100	2970	3480	2470
18	2120	975	3530	3620	1270	9560	3530	3050	4580	3650	2170	2080
19	2810	1120	4720	3610	4120	9020	4800	1290	4580	2600	2180	2080
20	2500	2510	6100	3890	2420	16200	4790	1950	4600	3260	2840	2090
21	827	4150	5670	3090	3090	22400	915	2920	3880	921	3900	2120
22	831	4470	4140	5380	3090	19100	906	4120	2480	920	3520	1450
23	2150	4210	2590	5950	4030	12400	3730	3090	1050	2660	4540	764
24	2170	4650	2420	6650	4670	8890	3860	3030	1040	2680	4590	2090
25	2190	1150	4280	6670	4440	7670	2970	3360	4120	3700	1790	1950
26	2590	1020	6030	6340	3880	6800	3460	1650	3780	5080	755	3190
27	2260	4510	4100	5080	4020	7130	3120	1610	4140	4690	3880	2180
28	854	5090	4320	3650	5610	6750	959	2260	4800	2290	3870	2180
29	855	5210	3260	5500	---	5260	950	4810	4570	2950	3860	800
30	2240	4640	1190	4870	---	4670	3110	5820	1160	3950	2850	798
31	2930	---	1790	5310	---	2620	---	9300	---	3980	3210	---
TOTAL	65366	84087	100690	131445	92057	318050	154688	89919	164680	105807	108225	58043
MEAN	2109	2803	3248	4240	3288	10260	5156	2901	5489	3413	3491	1935
MAX	3510	5210	6100	6670	5610	27700	25300	9300	12900	6600	4980	3570
MIN	796	879	967	988	987	980	906	929	1040	906	755	731
CFSM	.59	.79	.91	1.19	.93	2.89	1.45	.82	1.55	.96	.98	.55
IN.	.68	.88	1.06	1.38	.96	3.33	1.62	.94	1.73	1.11	1.13	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2001, BY WATER YEAR (WY)

	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
MEAN	3624	4312	5280	6459	7904	8500	7511	5439	4545	4286	4308	3792
MAX	8536	10950	14880	14930	18980	19540	19940	13000	10250	10560	8890	7782
(WY)	1990	1993	1993	1972	1990	1990	1964	1964	1973	1994	1984	1994
MIN	948	1601	1592	1574	2766	1921	1961	1423	1807	1672	1068	1606
(WY)	1956	1956	1956	1956	1989	1988	1988	1999	1978	1988	1956	1986

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1956 - 2001

ANNUAL TOTAL		1068133		1473057								
ANNUAL MEAN		2918		4036						5484		
HIGHEST ANNUAL MEAN										8501		1990
LOWEST ANNUAL MEAN										2644		1988
HIGHEST DAILY MEAN			17300	Apr 4		27700	Mar 16			80000	Feb 26	1961
LOWEST DAILY MEAN			793	Aug 27		731	Sep 16			516	Sep 12	1993
ANNUAL SEVEN-DAY MINIMUM			1490	Jan 7		1760	Sep 14			659	Sep 2	1957
MAXIMUM PEAK FLOW						30400	Apr 4			94400	Feb 26	1961
MAXIMUM PEAK STAGE						13.11	Apr 4			24.90	Feb 26	1961
ANNUAL RUNOFF (CFSM)		.82				1.14				1.54		
ANNUAL RUNOFF (INCHES)		11.19				15.44				20.99		
10 PERCENT EXCEEDS			4730			6810				10200		
50 PERCENT EXCEEDS			2630			3360				4350		
90 PERCENT EXCEEDS			866			984				1010		

STATISTICS COMPUTED BY: gabailey

DATE: 03/28/2002 AT: 09:27:28

STATION NUMBER 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325310 LONGITUDE 0851056 DRAINAGE AREA 3550.00 DATUM 551.67 STATE 13 COUNTY 285

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	2.14	3.33	4.10	3.61	4.33	4.70	3.12	3.39	4.63	2.56	4.17	2.13
2	2.94	3.35	2.49	4.14	4.33	4.23	4.24	3.43	6.39	4.20	4.00	2.12
3	3.11	3.53	2.41	4.03	4.19	4.54	4.99	3.40	7.50	3.90	3.83	2.84
4	3.10	2.22	3.88	4.24	3.49	6.20	11.63	3.41	6.33	3.99	3.21	3.49
5	3.42	2.22	3.79	4.28	3.82	5.63	9.50	2.40	6.28	3.82	3.19	3.00
6	3.13	3.36	3.87	2.41	3.69	6.11	6.37	2.40	5.31	4.93	3.53	3.12
7	2.16	3.33	3.63	2.33	3.33	6.02	5.21	3.25	5.11	3.97	3.67	2.98
8	2.15	3.53	2.83	4.05	3.35	6.04	5.02	3.22	5.10	4.85	3.83	2.12
9	3.34	3.61	2.30	4.15	2.64	5.16	4.73	3.23	4.38	3.64	4.15	2.46
10	3.50	2.68	2.31	4.19	2.32	3.04	4.29	3.35	5.27	3.43	3.98	3.48
11	3.19	2.35	3.45	4.10	2.33	2.32	4.14	3.24	5.05	3.29	3.02	3.00
12	3.20	2.25	3.64	3.86	2.89	3.81	4.25	2.52	5.03	3.28	3.18	3.12
13	3.16	3.07	3.52	2.42	3.38	6.97	3.80	2.59	5.07	3.90	3.48	2.91
14	2.18	2.77	3.37	2.32	3.20	9.57	2.39	3.30	4.70	2.25	3.49	2.76
15	2.16	2.90	3.41	3.63	3.20	10.88	2.39	3.24	4.69	2.45	3.48	2.07
16	3.00	2.91	2.52	3.66	3.16	12.41	3.85	3.22	3.10	3.25	3.48	2.06
17	2.85	2.95	2.56	3.66	2.54	10.81	4.05	3.21	2.88	3.23	3.43	2.93
18	2.81	2.31	3.58	3.58	2.53	6.24	3.62	3.36	4.01	3.55	2.82	2.74
19	3.15	2.42	4.10	3.60	3.83	6.03	4.18	2.57	4.01	3.06	2.82	2.74
20	3.03	3.10	4.73	3.73	3.04	8.65	4.15	2.93	4.02	3.37	3.14	2.75
21	2.17	3.84	4.54	3.36	3.34	10.80	2.39	3.36	3.68	2.26	3.65	2.77
22	2.17	3.98	3.85	4.38	3.35	9.68	2.39	3.85	3.05	2.26	3.45	2.46
23	2.83	3.86	3.12	4.66	3.78	7.31	3.67	3.39	2.37	3.09	3.95	2.09
24	2.85	4.07	3.02	4.97	4.08	5.98	3.74	3.36	2.36	3.10	3.97	2.76
25	2.85	2.42	3.89	4.98	3.96	5.44	3.39	3.50	3.80	3.57	2.63	2.71
26	3.05	2.35	4.71	4.82	3.74	5.03	3.59	2.74	3.64	4.21	2.09	3.34
27	2.90	3.99	3.83	4.22	3.78	5.18	3.42	2.71	3.81	4.04	3.62	2.83
28	2.20	4.27	3.92	3.59	4.49	5.02	2.43	2.99	4.10	2.91	3.62	2.83
29	2.20	4.33	3.46	4.45	---	4.35	2.42	4.15	4.01	3.22	3.62	2.13
30	2.89	4.06	2.48	4.16	---	4.11	3.40	4.60	2.46	3.69	3.13	2.13
31	3.21	---	2.74	4.38	---	3.15	---	6.14	---	3.70	3.31	---
MEAN	2.81	3.18	3.42	3.87	3.43	6.30	4.23	3.30	4.40	3.45	3.45	2.70
MAX	3.50	4.33	4.73	4.98	4.49	12.41	11.63	6.14	7.50	4.93	4.17	3.49
MIN	2.14	2.22	2.30	2.32	2.32	2.32	2.39	2.40	2.36	2.25	2.09	2.06

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02340250 FLAT SHOAL CREEK AT GA 18, NEAR WEST POINT, GA**

**LOCATION.**--Lat 32°52'53", long 85°04'41", Troup County, Hydrologic Unit 03130002, at GA Highway 18, 5.0 miles east of Interstate 85, near West Point.

**DRAINAGE AREA.**—204 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, March 8, 1996

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 19.61 feet, March 4

**DISCHARGE:** 6,140 ft<sup>3</sup>/s, March 4

## APALACHICOLA RIVER BASIN

### 02341000 LAKE HARDING NEAR COLUMBUS, GA

**LOCATION.**--Lat 32°39'46", long 85°05'27", Harris County, Hydrologic Unit 03130002, at forebay of dam on Chattahoochee River, 3.3 miles upstream from Mulberry Creek, 15 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/enhw.htm>

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02341220 MULBERRY CREEK NEAR MULBERRY GROVE, GA**

**LOCATION.**--Lat 32°42'11", long 84°57'29", Harris County, Hydrologic Unit 03130002, at county bridge on Hamilton-Mulberry Grove Road, near Mulberry Grove.

**DRAINAGE AREA.**—190 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, March 17, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 22.51 feet, March 5

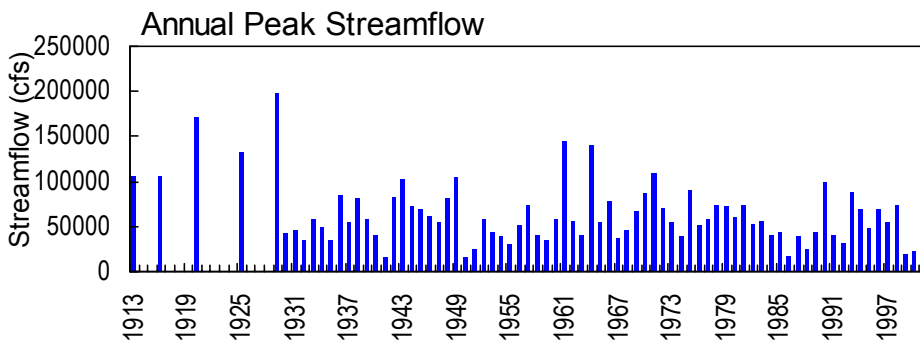
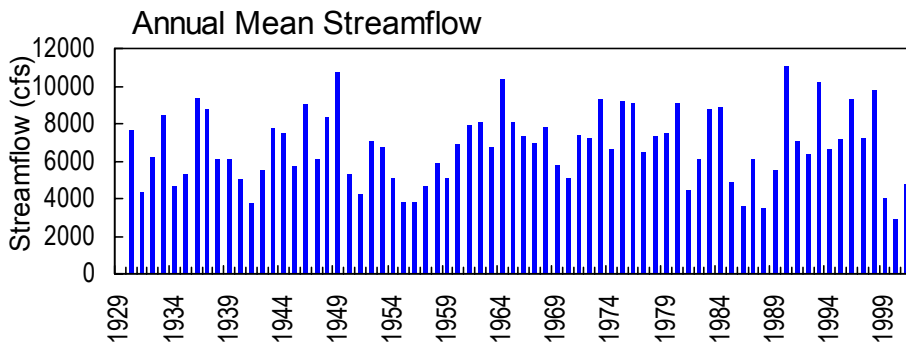
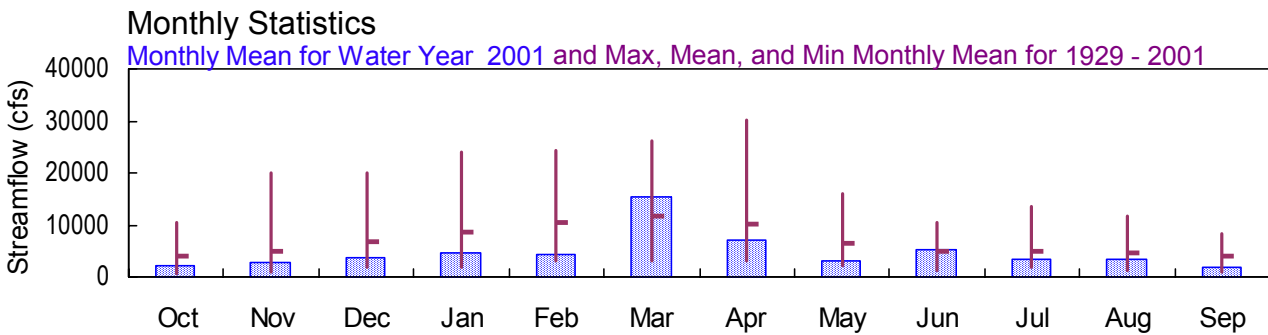
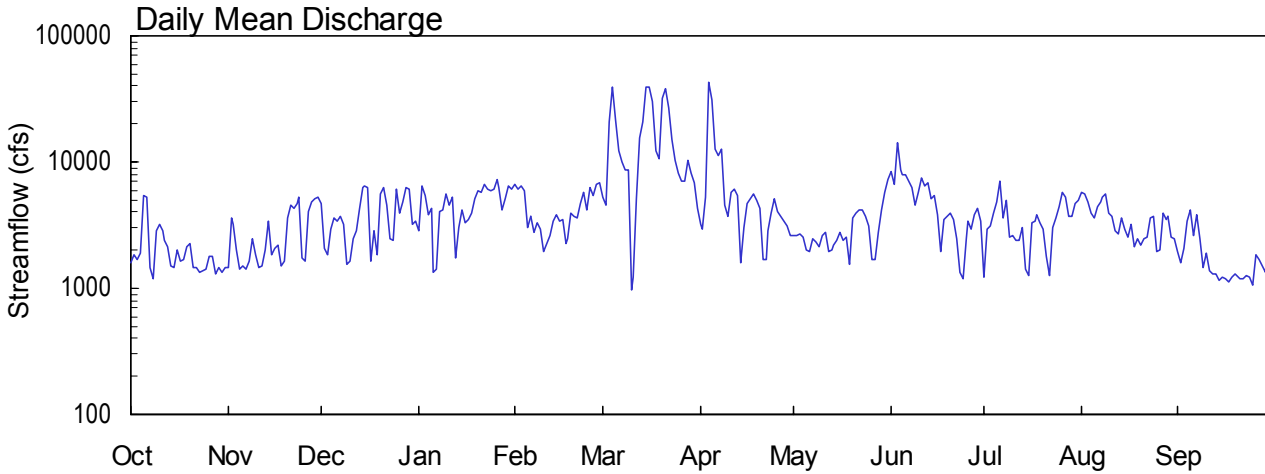
**DISCHARGE:** 8,083 ft<sup>3</sup>/s, March 5

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA

Latitude: 32° 27' 45" Longitude: 84° 59' 52" Hydrologic Unit Code: 03130003 Muscogee County  
 Drainage Area: 4670 mi<sup>2</sup> Datum: 183.1 feet Period of Record: 1929 - 2001





**APALACHICOLA RIVER BASIN**  
**2001 Water Year**

**02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA**

**LOCATION.**--Lat 32°27'45", long 84°59'52", 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<sup>2</sup>, 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 sea level. 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<sup>3</sup>/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.

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 27.87 feet, March 4; minimum gage-height recorded, 1.70 feet, November 2.

STATION NUMBER 02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 322745 LONGITUDE 0845952 DRAINAGE AREA 4670.00 DATUM 183.14 STATE 13 COUNTY 215

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	1610	1440	4730	2820	6730	5200	3250	2580	8430	1240	e5700	1970
2	1860	3600	2070	6390	6060	4580	2910	2620	6680	2980	e5570	1580
3	1700	3210	1840	5370	6380	20700	5200	2670	14100	3120	e4870	2080
4	1920	2040	2930	3820	5880	39800	42400	2520	8760	3890	e3990	3420
5	5400	1430	3640	4270	2990	21300	31400	2040	8020	4870	e3650	4180
6	5270	1500	3360	1350	3670	12400	12700	1970	7860	7130	e4390	2630
7	1480	1420	3740	1400	2770	9900	11400	2460	7000	3640	e4860	3780
8	1190	1630	3200	4000	3300	8750	12800	2330	6280	5040	e5220	2500
9	2840	2440	1560	4140	2930	8620	4490	2150	4530	2510	e5580	1440
10	3250	1850	1620	5630	1940	972	3750	2590	5700	2600	3900	1920
11	2820	1450	2440	4570	2230	1220	5710	2750	7450	2370	3670	1380
12	2380	1490	2840	5250	2640	5150	6050	1960	6460	2370	2830	1290
13	2150	2010	4340	1740	3380	15400	5350	2020	6840	3040	2660	1310
14	1490	3420	6200	3050	3870	20900	1590	2210	5160	1430	3630	1170
15	1440	1830	6380	4210	3370	39200	3030	2380	5470	1270	2910	1240
16	2020	2050	6200	3270	3470	39400	4620	2740	3840	e3300	2550	1190
17	1630	2200	1620	3530	2270	30600	5190	2430	1940	e3430	3180	1120
18	1710	1520	2890	3970	2500	12300	5620	2560	3470	e3860	2140	1210
19	2130	1620	1860	5120	3980	10600	5010	1570	3690	e3300	2460	1290
20	2250	3580	5630	5840	3730	31900	4280	3650	3980	e2970	2180	1270
21	1480	4500	6360	5800	3560	37700	1700	3980	3520	e1800	2480	1190
22	1480	4330	4540	6580	4710	26600	1690	4140	2500	e1260	2540	1200
23	1350	4640	2440	6080	5700	15000	2890	4130	1330	e3020	3570	1250
24	1390	5310	2400	5860	4120	10400	3910	3680	1200	e3610	3760	1230
25	1430	1730	6090	6140	6330	8170	5060	3110	2480	e4480	1960	1070
26	1790	1620	3930	7330	5500	7140	4100	1700	3450	e5670	e2010	1870
27	1770	4040	4840	6260	6660	7060	3700	1680	2910	e5320	e3990	1700
28	1300	4770	6290	4170	6870	10400	3390	2800	3820	e3690	3520	1490
29	1450	5190	6120	5180	---	8110	3130	4210	4340	e3720	3670	1350
30	1320	5290	3240	6440	---	6890	2580	5790	3410	e4730	2530	3450
31	1450	---	3380	6130	---	4320	---	7330	---	e4960	2490	---
TOTAL	62750	83150	118720	145710	117540	480682	208900	90750	154620	106620	108460	53770
MEAN	2024	2772	3830	4700	4198	15510	6963	2927	5154	3439	3499	1792
MAX	5400	5310	6380	7330	6870	39800	42400	7330	14100	7130	5700	4180
MIN	1190	1420	1560	1350	1940	972	1590	1570	1200	1240	1960	1070
CFSM	.43	.59	.82	1.01	.90	3.32	1.49	.63	1.10	.74	.75	.38
IN.	.50	.66	.95	1.16	.94	3.83	1.66	.72	1.23	.85	.86	.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	3896	4792	6741	8752	10410	11640	10070	6505	5006	5021	4665	3898																																																													
MAX	10480	20100	20090	24030	24380	26140	30030	16020	10330	13470	11660	8369																																																													
(WY)	1990	1949	1933	1936	1990	1990	1964	1964	1973	1994	1984	1967																																																													
MIN	701	888	1826	1905	3119	3135	3196	2237	1384	1894	1384	938																																																													
(WY)	1955	1932	1940	1956	1989	1988	1986	1985	1941	1988	1956	1954																																																													

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1929 - 2001

ANNUAL TOTAL	1131734	1731672	
ANNUAL MEAN	3092	4744	6761
HIGHEST ANNUAL MEAN			11050
LOWEST ANNUAL MEAN			2935
HIGHEST DAILY MEAN	18300	Apr 4	42400
LOWEST DAILY MEAN	921	Jan 2	972
ANNUAL SEVEN-DAY MINIMUM	1490	Oct 24	1210
MAXIMUM PEAK FLOW			61100
MAXIMUM PEAK STAGE			27.87
INSTANTANEOUS LOW FLOW			294
ANNUAL RUNOFF (CFSM)	.66	1.02	1.45
ANNUAL RUNOFF (INCHES)	9.02	13.79	19.67
10 PERCENT EXCEEDS	5080	7130	12400
50 PERCENT EXCEEDS	2600	3450	5080
90 PERCENT EXCEEDS	1420	1440	1860

STATISTICS COMPUTED BY: agotvald DATE: 04/08/2002 AT: 10:21:18

e Estimated

STATION NUMBER 02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 322745 LONGITUDE 0845952 DRAINAGE AREA 4670.00 DATUM 183.14 STATE 13 COUNTY 215

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	2.67	2.24	5.61	5.62	7.48	6.97	8.03	6.65	8.77	6.36	---	5.31
2	2.83	3.53	4.23	7.13	6.93	6.97	7.82	6.62	8.25	6.80	---	5.20
3	2.69	3.40	4.07	6.98	7.11	13.82	8.39	6.54	11.35	6.73	---	5.36
4	2.79	2.78	4.72	6.38	7.03	25.34	22.54	6.41	9.51	6.82	---	5.94
5	4.82	2.33	4.89	6.46	5.94	20.44	21.84	6.17	8.91	7.12	---	6.22
6	5.30	2.45	4.99	5.05	5.97	13.51	13.29	6.17	8.98	7.98	---	5.72
7	2.82	2.35	5.08	5.10	5.55	10.91	11.18	6.33	8.54	6.77	---	6.08
8	2.57	2.40	4.76	6.28	5.65	9.65	11.20	6.18	8.36	7.25	---	5.57
9	3.52	3.05	4.14	6.29	5.55	9.52	7.75	6.13	7.75	6.42	---	5.26
10	3.71	2.66	4.20	6.63	5.23	6.28	7.08	6.16	8.09	6.33	6.26	5.33
11	3.58	2.38	4.63	6.18	5.34	5.96	7.66	6.22	8.89	6.19	6.37	5.10
12	3.27	2.41	4.79	6.47	5.54	7.69	7.86	5.96	8.87	6.08	6.16	4.96
13	3.11	2.67	5.19	5.10	5.77	13.03	7.89	6.05	8.93	6.17	6.22	4.89
14	2.72	3.58	6.20	5.53	6.01	15.28	6.53	6.17	8.37	5.58	6.46	4.78
15	2.71	2.61	6.03	6.15	5.91	21.74	6.99	6.23	8.23	5.55	6.27	4.69
16	3.09	2.79	6.03	5.82	5.97	22.99	7.63	6.30	7.56	---	6.07	4.70
17	2.77	2.90	3.70	5.82	5.41	20.00	7.86	6.24	6.49	---	6.30	4.66
18	2.79	2.49	4.02	5.98	5.46	12.50	8.01	6.29	6.84	---	5.84	4.63
19	3.06	2.62	3.33	6.63	6.14	10.56	7.90	5.95	6.75	---	6.00	4.66
20	3.05	3.79	5.23	7.25	6.09	18.73	7.62	7.21	6.85	---	5.88	4.62
21	2.64	4.34	5.67	7.05	6.11	23.22	6.73	7.35	6.71	---	5.89	4.52
22	2.61	4.31	4.86	7.27	6.49	18.92	6.57	7.38	6.42	---	5.80	4.45
23	2.53	4.65	3.51	7.04	6.75	13.36	6.96	7.34	6.02	---	6.13	4.45
24	2.49	5.12	3.50	6.91	6.19	10.92	7.18	7.19	6.03	---	6.09	4.47
25	2.44	3.39	5.50	6.89	7.11	9.48	7.52	6.85	6.48	---	5.27	4.35
26	2.61	3.40	4.54	7.41	6.81	8.60	7.37	6.21	6.71	---	---	4.61
27	2.55	4.57	4.97	6.78	7.23	8.39	7.02	6.04	6.59	---	---	4.56
28	2.20	5.02	6.19	6.07	7.39	9.87	6.91	6.34	6.74	---	5.77	4.47
29	2.31	5.45	6.77	6.50	---	9.24	6.83	6.77	7.06	---	5.94	4.31
30	2.25	5.67	5.91	7.11	---	9.35	6.76	7.38	6.91	---	5.51	5.06
31	2.28	---	5.71	7.10	---	8.31	---	8.06	---	---	5.53	---
MEAN	2.93	3.38	4.93	6.42	6.22	12.95	8.83	6.54	7.73	---	---	4.96
MAX	5.30	5.67	6.77	7.41	7.48	25.34	22.54	8.06	11.35	---	---	6.22
MIN	2.20	2.24	3.33	5.05	5.23	5.96	6.53	5.95	6.02	---	---	4.31

**APALACHICOLA RIVER BASIN**  
**2001 Water Year**

**02341566 CHATTAHOOCHEE RIVER AT ALABAMA STATE DOCKS, AT COLUMBUS, GA**

**LOCATION.**--Lat 32<sup>0</sup>26'02", Long 84<sup>0</sup>58'02", 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<sup>2</sup>.

**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.

**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, 26.36 feet, March 4; minimum gage-height recorded, 1.11 feet, November 2.

STATION NUMBER 02341566 CHATTAHOOCHEE RIVER, AL STATE DOCKS, AT COLUMBUS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 322602 LONGITUDE 0845802 DRAINAGE AREA 4750.00 DATUM 183.14 STATE 13 COUNTY 215

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	2.06	1.55	4.80	5.16	6.73	6.37	7.65	6.27	8.04	6.08	---	4.94
2	2.17	2.42	3.77	6.37	6.23	6.42	7.47	6.23	7.63	6.40	---	4.87
3	2.05	2.37	3.63	6.32	6.37	12.83	7.92	6.15	10.42	6.32	---	4.98
4	2.09	1.99	4.14	5.84	6.34	24.32	21.25	6.03	8.85	6.34	---	5.45
5	3.70	1.68	4.24	5.88	5.49	19.85	21.02	5.82	8.24	6.59	---	5.67
6	4.32	1.80	4.34	4.73	5.45	12.93	12.68	5.83	8.33	7.30	---	5.30
7	2.29	1.70	4.38	4.78	5.11	10.30	10.48	5.95	7.92	6.32	---	5.57
8	2.09	1.68	4.18	5.72	5.16	9.00	10.39	5.81	7.79	6.71	---	5.16
9	2.69	2.26	3.75	5.70	5.09	8.85	7.26	5.77	7.27	6.04	---	4.94
10	2.81	1.96	3.81	5.91	4.85	6.03	6.61	5.77	7.55	5.94	5.74	4.97
11	2.75	1.75	4.14	5.55	4.94	5.69	7.08	5.81	8.27	5.83	5.89	4.79
12	2.53	1.77	4.24	5.79	5.10	7.20	7.27	5.61	8.32	5.70	5.75	4.65
13	2.42	1.89	4.44	4.74	5.27	12.26	7.37	5.70	8.35	5.74	5.83	4.57
14	2.16	2.58	5.27	5.06	5.47	14.38	6.23	5.80	7.88	5.27	6.00	4.47
15	2.18	1.90	5.02	5.58	5.42	20.55	6.59	5.86	7.72	5.26	5.84	4.37
16	2.42	2.02	5.06	5.33	5.48	21.94	7.13	5.90	7.12	---	5.68	4.40
17	2.18	2.13	3.26	5.29	5.01	19.08	7.31	5.86	6.16	---	5.86	4.36
18	2.19	1.87	3.36	5.42	5.05	11.86	7.44	5.90	6.39	---	5.47	4.32
19	2.39	2.00	2.79	6.01	5.60	9.86	7.38	5.63	6.28	---	5.62	4.34
20	2.35	2.86	4.10	6.60	5.55	17.63	7.15	6.78	6.36	---	5.51	4.30
21	2.07	3.25	4.52	6.38	5.60	22.25	6.42	6.90	6.25	---	5.50	4.20
22	2.03	3.29	3.86	6.54	5.89	18.11	6.25	6.92	6.04	---	5.40	4.13
23	1.98	3.65	2.83	6.33	6.07	12.62	6.56	6.88	5.73	---	5.64	4.13
24	1.93	4.13	2.83	6.20	5.64	10.27	6.72	6.76	5.75	---	5.57	4.15
25	1.83	2.90	4.46	6.14	6.41	8.85	6.98	6.44	6.11	---	4.90	4.04
26	1.88	2.94	3.72	6.56	6.15	7.95	6.89	5.89	6.28	---	---	4.22
27	1.84	3.75	4.05	6.01	6.47	7.71	6.57	5.72	6.18	---	---	4.18
28	1.58	4.14	5.29	5.48	6.64	9.07	6.48	5.93	6.26	---	5.27	4.11
29	1.64	4.54	6.02	5.84	---	8.57	6.43	6.26	6.56	---	5.41	3.96
30	1.64	4.79	5.41	6.37	---	8.79	6.37	6.77	6.49	---	5.08	4.49
31	1.59	---	5.20	6.40	---	7.88	---	7.36	---	---	5.12	---
MEAN	2.25	2.59	4.22	5.81	5.66	12.24	8.31	6.14	7.22	---	---	4.60
MAX	4.32	4.79	6.02	6.60	6.73	24.32	21.25	7.36	10.42	---	---	5.67
MIN	1.58	1.55	2.79	4.73	4.85	5.69	6.23	5.61	5.73	---	---	3.96

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02341600 JUNIPER CREEK NEAR GENEVA, GA**

**LOCATION.**--Lat 32°31'41", long 84°34'14", Talbot-Marion County line, Hydrologic Unit 03130003, at GA Highway 41, 1.8 miles south of Geneva.

**DRAINAGE AREA.**—47.4 mi<sup>2</sup>.

**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 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:** 11.78 feet, March 17, 1990

**DISCHARGE:** 4,300 ft<sup>3</sup>/s, March 17, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 7.36 feet, March 4

**DISCHARGE:** 898 ft<sup>3</sup>/s, March 4

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02341723 PINE KNOT CREEK AT GA 355, NEAR JUNIPER, GA**

**LOCATION.**--Lat 32°26'14", long 84°39'25", Marion County, Hydrologic Unit 03130003, at GA Highway 355, 8.0 miles south of Juniper.

**DRAINAGE AREA.**—31.3 mi<sup>2</sup>.

**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 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:** 9.43 feet, March 17, 1990

**DISCHARGE:** 1,960 ft<sup>3</sup>/s, March 17, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.23 feet, March 3

**DISCHARGE:** 424 ft<sup>3</sup>/s, March 3

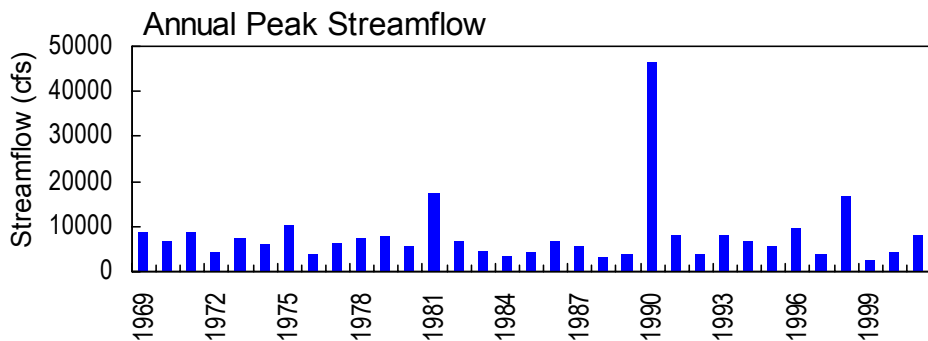
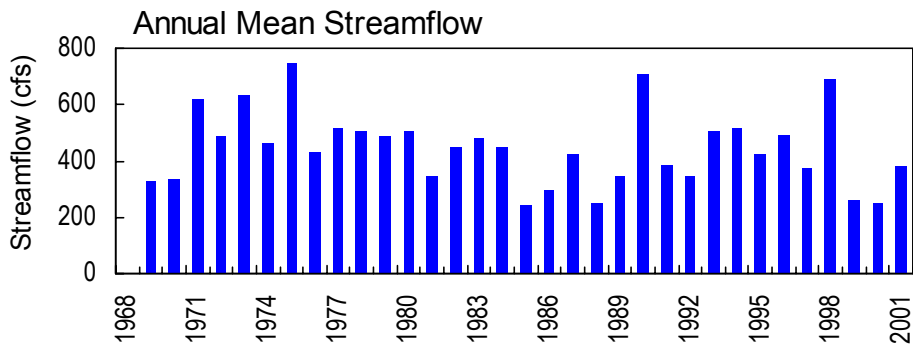
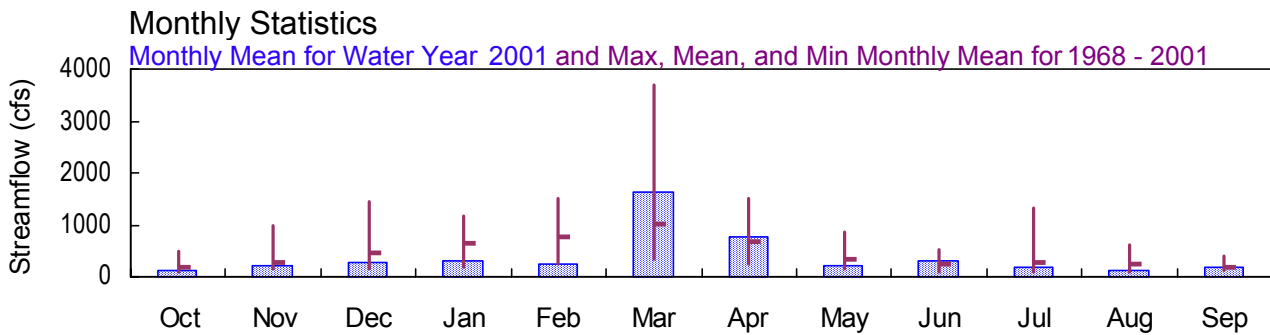
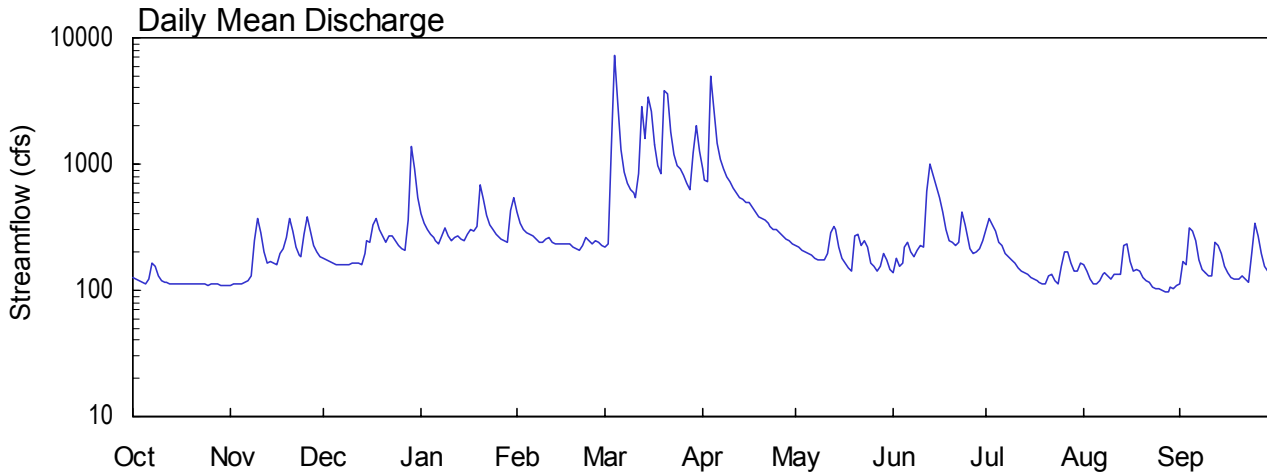


# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 230 feet Period of Record: 1968 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02341800 UPATOI CREEK NEAR COLUMBUS, GA.**

**LOCATION.**--Lat 32°24'48", long 84°49'12", 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<sup>2</sup>.

**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 sea level (from topographic map).

**REMARKS.**--Records fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 3,500 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	0500	8,330*	14.99*
Mar. 13	0300	3,740	10.29
Mar. 15	1415	5,280	12.04
Mar. 20	1545	5,920	12.71
Apr. 4	0730	6,160	12.95

**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 sea level (from topographic map).

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 14.99 feet, March 4; minimum gage-height recorded, 3.35 feet, August 27.



STATION NUMBER 02341800 UPATOI CREEK NEAR COLUMBUS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 322448 LONGITUDE 0844912 DRAINAGE AREA 342.00 DATUM 230.00 STATE 13 COUNTY 053

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	3.51	3.44	3.75	4.61	4.78	4.09	6.10	4.10	3.71	4.23	3.67	3.46
2	3.49	3.45	3.73	4.43	4.53	4.14	5.70	4.07	3.90	4.45	3.59	3.71
3	3.48	3.46	3.72	4.32	4.40	6.46	5.65	4.03	3.79	4.32	3.50	3.67
4	3.47	3.46	3.70	4.24	4.33	14.08	11.63	3.99	3.84	4.20	3.45	4.25
5	3.46	3.46	3.68	4.20	4.31	9.30	8.91	3.96	4.07	4.01	3.44	4.20
6	3.50	3.47	3.68	4.17	4.26	6.84	7.15	3.94	4.17	3.95	3.48	4.02
7	3.69	3.49	3.68	4.14	4.22	5.99	6.46	3.90	4.00	3.84	3.56	3.73
8	3.65	3.54	3.68	4.27	4.17	5.60	6.07	3.88	3.91	3.78	3.58	3.61
9	3.54	4.00	3.68	4.43	4.16	5.39	5.82	3.87	4.01	3.74	3.53	3.57
10	3.49	4.45	3.69	4.28	4.22	5.33	5.64	3.87	4.09	3.69	3.51	3.54
11	3.47	4.17	3.70	4.18	4.25	5.17	5.46	3.97	4.08	3.64	3.55	3.54
12	3.47	3.86	3.70	4.23	4.17	5.76	5.30	4.32	5.19	3.60	3.56	4.00
13	3.46	3.70	3.68	4.27	4.12	9.15	5.19	4.47	6.15	3.57	3.55	3.95
14	3.46	3.72	3.81	4.22	4.14	7.31	5.11	4.38	5.62	3.55	3.93	3.82
15	3.46	3.70	4.02	4.18	4.14	9.75	5.03	4.08	5.28	3.52	3.98	3.66
16	3.45	3.67	4.00	4.31	4.12	8.88	5.04	3.91	4.96	3.50	3.72	3.57
17	3.45	3.84	4.33	4.40	4.14	7.00	4.91	3.83	4.58	3.48	3.59	3.52
18	3.45	3.89	4.47	4.38	4.12	6.21	4.78	3.77	4.24	3.48	3.62	3.51
19	3.45	4.09	4.24	4.45	4.07	5.89	4.68	3.74	4.03	3.46	3.60	3.50
20	3.45	4.44	4.11	5.54	4.04	10.11	4.64	4.25	3.99	3.46	3.53	3.51
21	3.45	4.19	4.02	5.13	4.04	10.05	4.60	4.31	3.96	3.54	3.48	3.53
22	3.45	3.93	4.12	4.71	4.11	7.64	4.54	4.11	4.01	3.56	3.46	3.51
23	3.45	3.81	4.13	4.48	4.26	6.63	4.46	4.18	4.61	3.49	3.42	3.47
24	3.44	3.78	4.03	4.39	4.18	6.17	4.40	4.06	4.31	3.46	3.41	3.81
25	3.44	4.14	3.95	4.31	4.12	6.06	4.39	3.83	4.02	3.66	3.40	4.35
26	3.44	4.48	3.90	4.25	4.19	5.86	4.34	3.80	3.89	3.85	3.39	4.12
27	3.45	4.18	3.88	4.22	4.16	5.60	4.28	3.73	3.82	3.86	3.36	3.82
28	3.44	3.96	4.39	4.19	4.10	5.43	4.23	3.78	3.85	3.69	3.37	3.66
29	3.44	3.85	6.81	4.15	---	6.60	4.18	3.97	3.89	3.59	3.41	3.60
30	3.44	3.79	5.87	4.82	---	7.99	4.14	3.88	4.02	3.58	3.41	3.55
31	3.44	---	5.01	5.17	---	6.80	---	3.76	---	3.70	3.43	---
MEAN	3.48	3.85	4.10	4.42	4.21	7.01	5.43	3.99	4.27	3.72	3.53	3.73
MAX	3.69	4.48	6.81	5.54	4.78	14.08	11.63	4.47	6.15	4.45	3.98	4.35
MIN	3.44	3.44	3.68	4.14	4.04	4.09	4.14	3.73	3.71	3.46	3.36	3.46

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02341900 OCHILLEE CREEK AT HOURGLASS ROAD, NEAR CUSSETA, GA**

**LOCATION.**--Lat 32°21'53", long 84°49'02", Chattahoochee County, Hydrologic Unit 03130003, at Hourglass Road, 5.0 miles northwest of Cusseta.

**DRAINAGE AREA.**—53.3 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, March 17, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 10.45 feet, March 3

**DISCHARGE:** 1,420 ft<sup>3</sup>/s, March 3

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**0234296910 CHATTAHOOCHEE RIVER AT COAST GUARD DOCK, AT EUFAULA, AL**

**LOCATION.**--Lat 31°54'29", long 85°08'42", 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<sup>2</sup>.

**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 sea level.

**REMARKS.**—Gage is in the pool of Walter F. George Lake 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, 191.38 feet, March 5; minimum elevation, 184.60 feet, November 8.

STATION NUMBER 0234296910 CHATTAHOOCHEE RIVER AT COAST GUARD DOCK AT EUFAULA LAKE SOURCE AGENCY USGS  
 LATITUDE 315429 LONGITUDE 0850842 DATUM 0.00 STATE 01 COUNTY 005

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	185.24	184.71	186.73	188.13	188.22	188.27	189.68	189.40	189.33	189.40	188.60	188.07
2	185.25	184.70	186.89	188.21	188.20	188.21	189.72	189.33	189.47	189.30	188.54	188.13
3	185.17	184.79	186.88	188.19	188.20	188.93	189.62	189.22	189.78	189.16	188.47	188.12
4	185.13	184.84	186.90	188.02	188.34	190.86	189.45	189.15	189.93	189.03	188.43	188.18
5	185.16	184.86	186.84	187.91	188.35	191.23	189.82	189.09	189.77	188.94	188.47	188.23
6	185.38	184.93	186.84	187.85	188.17	190.17	189.75	189.10	189.73	188.98	188.58	188.32
7	185.46	184.84	186.84	187.86	188.09	189.52	189.50	189.11	189.70	189.06	188.53	188.30
8	185.43	184.74	186.95	187.84	188.01	189.08	189.51	189.01	189.68	189.12	188.51	188.29
9	185.37	184.80	187.06	187.84	188.03	188.75	189.38	188.96	189.67	189.08	188.40	188.26
10	185.32	184.86	187.12	187.86	188.10	188.72	189.19	188.89	189.69	188.91	188.35	188.17
11	185.36	184.88	187.14	187.91	188.16	188.50	189.22	188.84	189.82	188.82	188.54	188.09
12	185.39	184.95	187.12	187.94	188.19	188.59	189.25	188.85	189.98	188.70	188.71	188.00
13	185.37	184.91	186.89	188.04	188.15	189.02	189.38	188.93	190.02	188.60	188.72	187.94
14	185.37	184.89	186.67	188.08	188.15	189.41	189.50	188.97	189.92	188.60	188.69	187.85
15	185.39	184.92	186.49	188.18	188.20	189.96	189.53	188.95	189.78	188.60	188.72	187.74
16	185.40	184.95	186.34	188.14	188.21	190.32	189.58	188.92	189.56	188.58	188.68	187.75
17	185.30	184.97	186.19	188.08	188.19	190.20	189.62	188.93	189.32	188.55	188.63	187.70
18	185.27	185.01	186.04	188.05	188.19	189.80	189.67	188.91	189.07	188.55	188.61	187.62
19	185.26	185.11	185.75	188.22	188.22	189.29	189.76	188.94	188.91	188.57	188.60	187.60
20	185.23	185.21	185.50	188.54	188.23	189.57	189.76	189.49	188.88	188.57	188.59	187.57
21	185.21	185.25	185.50	188.46	188.31	189.95	189.74	189.57	188.83	188.57	188.50	187.51
22	185.24	185.35	185.58	188.38	188.31	190.03	189.58	189.52	188.90	188.57	188.41	187.42
23	185.23	185.54	185.65	188.24	188.26	189.70	189.47	189.54	189.01	188.55	188.28	187.42
24	185.13	185.71	185.77	188.10	188.21	189.41	189.37	189.47	189.07	188.52	188.18	187.43
25	185.03	185.96	185.88	187.94	188.25	188.97	189.35	189.33	189.08	188.53	188.08	187.38
26	184.94	186.07	185.96	187.83	188.25	188.51	189.38	189.14	189.10	188.55	188.06	187.35
27	184.86	186.10	185.97	187.82	188.26	188.31	189.40	188.99	189.07	188.67	188.00	187.38
28	184.81	186.26	186.51	187.96	188.37	188.26	189.42	188.86	189.01	188.65	187.95	187.35
29	184.83	186.44	187.56	187.95	---	188.46	189.49	188.82	189.06	188.61	188.01	187.30
30	184.84	186.57	187.91	188.01	---	189.06	189.48	188.91	189.26	188.57	188.07	187.34
31	184.74	---	188.01	188.12	---	189.52	---	189.06	---	188.64	188.08	---
MEAN	185.20	185.24	186.56	188.05	188.21	189.31	189.52	189.10	189.41	188.76	188.42	187.79
MAX	185.46	186.57	188.01	188.54	188.37	191.23	189.82	189.57	190.02	189.40	188.72	188.32
MIN	184.74	184.70	185.50	187.82	188.01	188.21	189.19	188.82	188.83	188.52	187.95	187.30
CAL YR 2000	MEAN	186.16	MAX	190.12	MIN	184.19						
WTR YR 2001	MEAN	187.96	MAX	191.23	MIN	184.70						

**APALACHICOLA RIVER BASIN**  
**2001 Water Year**

**02343219 BLUFF SPRINGS BRANCH AT GA 27, NEAR LUMPKIN, GA**

**LOCATION.**--Lat 32°01'53", long 84°53'18", Stewart County, Hydrologic Unit 03130003, at culvert on GA Highway 27, 5.8 miles southwest of Lumpkin.

**DRAINAGE AREA.**—2.98 mi<sup>2</sup>.

**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 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:** 4.70 feet, March 17, 1990

**DISCHARGE:** 568 ft<sup>3</sup>/s, March 17, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 2.19 feet, March 4

**DISCHARGE:** 152 ft<sup>3</sup>/s, March 4



**APALACHICOLA RIVER BASIN**

**02343240 WALTER F. GEORGE LAKE NEAR FORT GAINES, GA**

**LOCATION.**--Lat 31°37'27", long 85°04'03", Clay County, Hydrologic Unit 03130003, at forebay of dam on Chattahoochee River, 1.6 miles upstream from bridge on GA Highway 37, 1 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/enhw.htm>

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02343244 CEMOCHECHOBEE CREEK NEAR COLEMAN, GA**

**LOCATION.**--Lat 31°39'12", long 84°53'02", Randolph County, Hydrologic Unit 03130004, at County Road bridge 1576, 1.5 miles south of Coleman.

**DRAINAGE AREA.**—15.3 mi<sup>2</sup>.

**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 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:** 11.84 feet, July 4, 1994

**DISCHARGE:** 5,160 ft<sup>3</sup>/s, July 4, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 5.67 feet, April 1

**DISCHARGE:** 443 ft<sup>3</sup>/s, April 1

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02343267 TEMPLE CREEK AT GA 39, NEAR BLAKELY, GA**

**LOCATION.**--Lat 31°26'34", long 84°59'00", Early County, Hydrologic Unit 03130004, at culvert on GA Highway 39, 5.2 miles north of Blakely.

**DRAINAGE AREA.**—2.78 mi<sup>2</sup>.

**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 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:** 6.13 feet, July 6, 1994

**DISCHARGE:** 746 ft<sup>3</sup>/s, July 6, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 1.77 feet, March 4

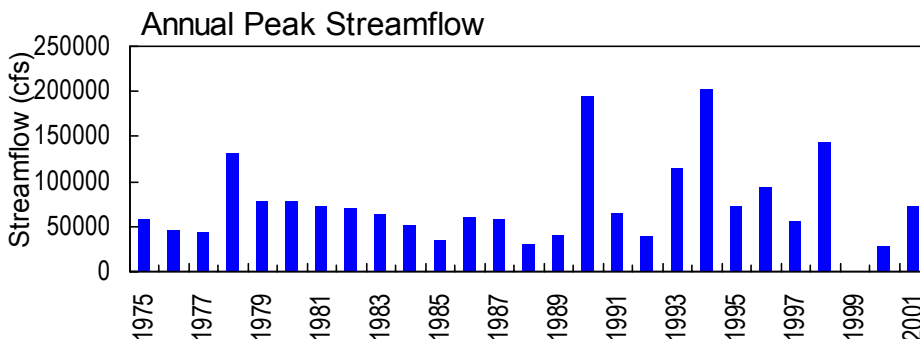
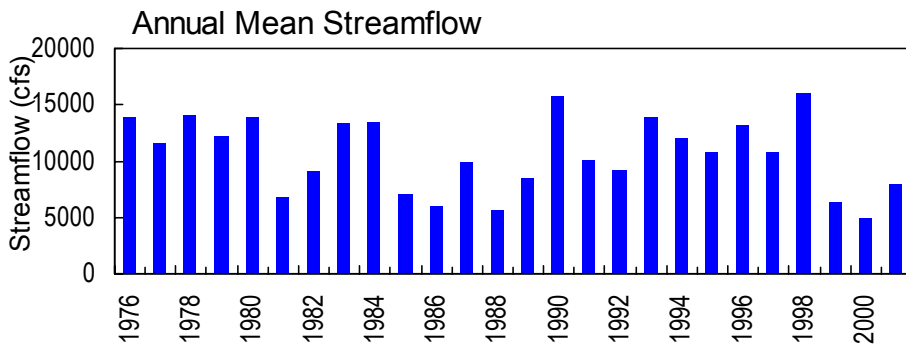
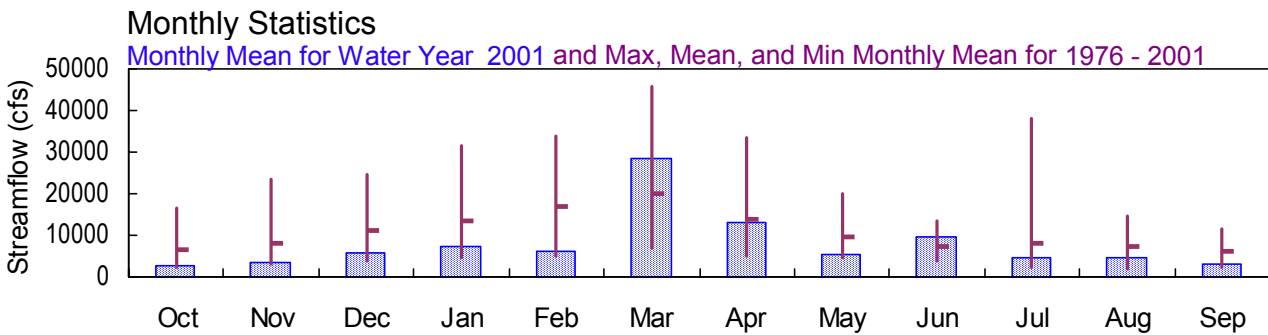
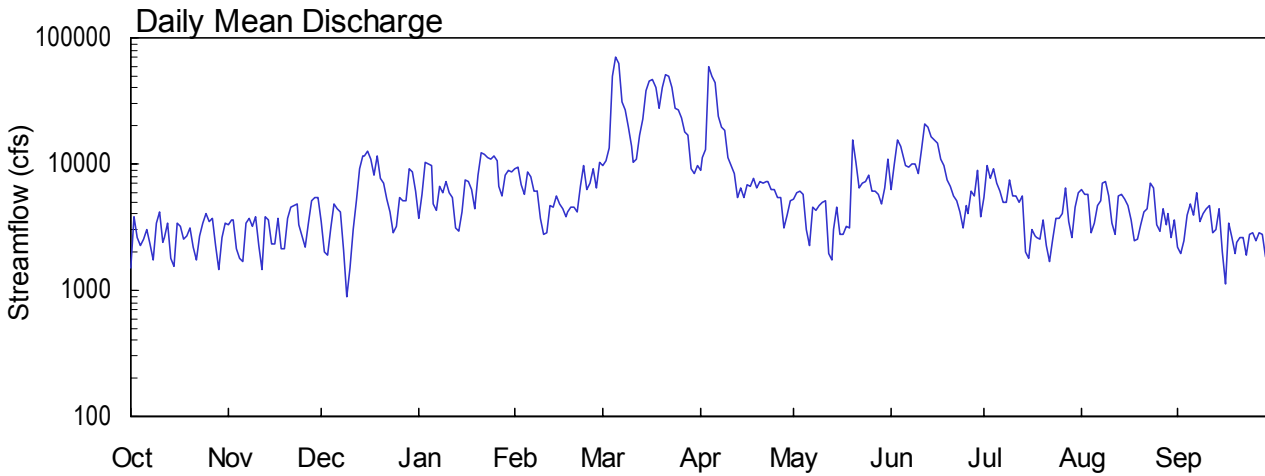
**DISCHARGE:** 44.5 ft<sup>3</sup>/s, March 4

# APALACHICOLA RIVER BASIN

2001 Water Year

02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL

Latitude: 31° 15' 33" Longitude: 85° 06' 37" Hydrologic Unit Code: 03130004 Early County  
 Drainage Area: 8210 mi<sup>2</sup> Datum: 0 feet Period of Record: 1976 - 2001



**APALACHICOLA RIVER BASIN  
2001 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<sup>2</sup>, 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 sea level.

**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 sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Headwater: Maximum gage-height recorded, 110.05 feet, March 5; minimum gage-height recorded, 96.73 feet, December 19. Tailwater: Maximum gage-height recorded, 108.19 feet, March 5; minimum gage-height recorded, 75.67 feet, November 3.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--September 1998 to current year.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL STREAM SOURCE AGENCY USGS  
 LATITUDE 311533 LONGITUDE 0850637 DRAINAGE AREA 8210.00 DATUM STATE 13 COUNTY 099

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	1500	e3330	3540	3720	9150	9820	8810	5340	6200	5500	6330	e2200
2	3830	e3580	2020	5750	9410	10600	11300	5930	e9960	9720	5740	e1930
3	2650	e3600	1900	10400	6860	13400	13100	6010	e15600	7780	5760	e2460
4	2260	2140	3160	9990	5770	49100	59500	5690	13600	9150	2860	e3890
5	2530	1800	4880	9590	8590	69700	49300	3000	12100	6990	3420	e4790
6	2990	1690	4370	4840	7850	62000	43600	2270	9710	6100	4680	3940
7	2360	3420	4140	4310	6040	31600	24200	4490	9380	4940	5180	5850
8	1760	3700	2060	6580	6150	27000	19600	4240	9940	4940	7050	3500
9	3410	3170	887	5910	3700	19300	18300	4660	9950	7410	7320	4050
10	4190	3790	1510	7280	2810	13900	11300	5000	8350	5550	5520	4430
11	2380	2260	3010	5970	2840	10400	9740	5160	12900	5650	3380	4740
12	2620	1480	e5180	5380	4620	e10900	8340	1930	20700	4920	2800	2820
13	3430	3790	9060	3100	4570	e16900	5360	1720	19400	5510	5630	3050
14	1800	3590	11500	2950	5640	e22400	6440	3040	16400	2030	5720	4440
15	1570	2360	11700	4140	4860	e38000	5410	4500	15700	1770	5300	2010
16	3420	e2320	12600	7480	4390	45800	6880	2740	14700	3060	4700	1110
17	3230	3730	10900	7300	3810	47200	6730	2750	10900	2660	e3600	3390
18	2540	2150	8150	6340	4150	40400	7790	3190	9610	2630	e2440	2610
19	2660	e2110	11700	4390	4580	27800	6380	3080	7530	2550	e2550	1970
20	3140	e3710	7720	8210	4490	40100	7290	15700	6640	3630	e3290	2420
21	2210	e4530	7000	12400	4180	e51500	6970	10200	5560	2240	e4150	2600
22	1730	e4690	5340	12000	6600	49200	7270	6440	5090	1670	4460	2610
23	2730	e4790	4190	11300	9630	40000	7320	7030	4140	2570	7150	1880
24	3430	3290	e2830	11000	6320	27400	6270	7200	3160	3680	6510	2760
25	4050	2720	3190	11500	6970	27100	6360	8200	4620	3710	3350	2840
26	3500	2220	5480	10700	9080	23000	5400	6170	4030	4000	2960	2480
27	3690	3410	5130	6560	6480	17900	5400	6040	6140	6370	4440	2870
28	2250	e5080	5130	5560	10300	16700	3120	5800	5660	3460	3330	2740
29	1460	e5450	9080	8270	---	9190	3990	4890	8930	2610	4010	1870
30	2580	e5370	8540	9020	---	8420	5180	e6480	3790	4600	2590	1630
31	3360	---	6090	8770	---	9710	---	e11000	---	5990	3610	---
TOTAL	85260	99270	181987	230710	169840	886440	386650	169890	290390	143390	139830	89880
MEAN	2750	3309	5871	7442	6066	28590	12890	5480	9680	4625	4511	2996
MAX	4190	5450	12600	12400	10300	69700	59500	15700	20700	9720	7320	5850
MIN	1460	1480	887	2950	2810	8420	3120	1720	3160	1670	2440	1110
CFSM	.33	.40	.72	.91	.74	3.48	1.57	.67	1.18	.56	.55	.36
IN.	.39	.45	.82	1.05	.77	4.02	1.75	.77	1.32	.65	.63	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2001, BY WATER YEAR (WY)

MEAN	6405	7981	11060	13500	16980	19910	13800	9605	7472	7993	7116	6224
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1976 - 2001

ANNUAL TOTAL	1880377	2873537										
ANNUAL MEAN	5138	7873								10640		
HIGHEST ANNUAL MEAN										16050		1998
LOWEST ANNUAL MEAN										4950		2000
HIGHEST DAILY MEAN	26600	Apr 4	69700	Mar 5	195000	Jul 7	1994					
LOWEST DAILY MEAN	887	Dec 9	887	Dec 9	.00	Nov 22	1987					
ANNUAL SEVEN-DAY MINIMUM	2510	Sep 8	2300	Sep 15	1640	May 14	1985					
MAXIMUM PEAK FLOW			73100	Mar 5	202000	Jul 7	1994					
MAXIMUM PEAK STAGE			108.19	Mar 5	123.98	Jul 7	1994					
ANNUAL RUNOFF (CFSM)	.63		.96		1.30							
ANNUAL RUNOFF (INCHES)	8.52		13.02		17.61							
10 PERCENT EXCEEDS	11500		13700		21400							
50 PERCENT EXCEEDS	3890		5130		8370							
90 PERCENT EXCEEDS	2170		2270		1790							

STATISTICS COMPUTED BY: tcstamey

DATE: 03/28/2002 AT: 14:21:38

e Estimated

STATION NUMBER 02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL STREAM SOURCE AGENCY USGS  
 LATITUDE 311533 LONGITUDE 0850637 DRAINAGE AREA 8210.00 DATUM STATE 13 COUNTY 099  
 DCP HEADWATER  
 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	101.17	100.42	101.66	101.14	101.94	102.17	101.48	102.17	101.72	102.50	102.25	101.93
2	101.36	100.88	---	101.57	102.06	101.42	101.94	102.09	101.63	102.53	102.21	101.94
3	101.41	100.94	101.29	101.92	102.03	101.30	101.51	101.84	101.45	102.23	101.95	102.11
4	101.42	100.86	101.35	101.95	101.88	104.54	103.67	101.65	102.66	101.95	101.89	101.86
5	101.48	100.74	102.11	102.05	102.06	109.42	103.31	101.75	102.41	102.23	101.80	102.01
6	101.50	100.56	102.06	101.98	101.82	107.53	---	101.78	102.31	102.42	101.96	101.88
7	101.52	101.34	101.99	101.98	101.45	102.40	101.56	101.76	102.27	102.28	101.93	101.68
8	100.90	101.42	101.44	101.79	101.70	102.19	---	101.73	102.34	102.35	102.05	102.00
9	101.38	101.38	100.90	101.66	101.48	102.00	101.37	101.92	102.34	102.36	102.24	---
10	101.78	101.36	100.85	101.98	101.26	102.02	---	101.83	102.23	102.30	102.33	101.73
11	101.13	101.34	101.32	101.51	101.34	102.46	---	101.65	101.65	102.30	102.14	101.95
12	101.58	100.94	---	101.86	101.12	102.04	101.94	101.64	102.13	102.27	102.13	102.06
13	101.52	101.63	---	101.94	101.76	101.96	102.25	101.39	101.21	102.33	102.08	102.06
14	101.34	101.37	102.07	101.85	102.12	100.77	102.18	101.75	101.78	102.03	102.11	101.88
15	101.15	101.25	101.85	101.74	101.80	100.69	101.92	101.59	102.07	101.78	102.12	101.29
16	101.31	---	102.27	102.08	101.59	102.05	101.48	101.64	101.84	101.75	102.01	101.55
17	101.46	101.53	102.12	101.84	102.00	102.73	102.24	101.89	101.67	101.63	102.02	101.67
18	101.20	101.36	101.89	101.72	102.02	101.88	101.86	102.00	101.96	101.64	102.13	101.76
19	101.14	---	101.19	101.85	101.88	100.77	101.98	101.97	102.32	101.58	101.96	101.45
20	101.55	---	102.07	102.22	101.82	101.11	102.08	101.72	102.29	101.66	101.59	101.24
21	101.34	---	102.05	101.97	101.78	---	102.10	101.42	102.33	101.68	101.74	101.33
22	101.06	101.39	101.80	101.91	102.06	103.58	102.56	101.74	102.32	101.37	101.93	101.58
23	101.11	101.38	101.86	101.93	101.97	101.76	102.01	101.92	102.33	101.47	102.05	101.18
24	101.38	101.66	100.69	101.73	102.13	101.21	---	101.51	102.09	101.80	102.02	101.53
25	101.39	101.74	101.21	102.22	101.95	101.04	102.14	101.83	101.93	101.85	101.97	101.55
26	101.29	101.39	101.61	102.22	101.75	101.44	102.04	102.11	101.90	102.03	101.86	101.37
27	101.30	101.77	101.88	102.01	102.03	101.36	101.91	102.01	102.20	---	101.65	101.33
28	101.07	101.53	101.80	101.88	101.70	101.25	102.07	101.74	102.16	101.98	101.56	101.31
29	100.81	101.35	102.41	101.77	---	101.65	101.85	101.68	102.49	101.98	101.93	101.35
30	100.93	101.76	102.21	101.99	---	102.29	102.13	101.79	102.63	102.12	101.69	101.12
31	101.29	---	---	102.04	---	102.05	---	101.98	---	102.35	101.69	---
MEAN	101.30	---	---	101.88	101.80	---	---	101.79	102.09	---	101.97	---
MAX	101.78	---	---	102.22	102.13	---	---	102.17	102.66	---	102.33	---
MIN	100.81	---	---	101.14	101.12	---	---	101.39	101.21	---	101.56	---

STATION NUMBER 02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL STREAM SOURCE AGENCY USGS  
 LATITUDE 311533 LONGITUDE 0850637 DRAINAGE AREA 8210.00 DATUM STATE 13 COUNTY 099  
 DCP TAILWATER  
 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	76.49	76.26	77.50	77.62	79.58	80.10	79.94	78.69	78.65	78.61	79.00	---
2	77.25	76.15	---	78.34	79.76	80.60	81.13	78.64	78.10	80.56	78.89	---
3	76.98	76.28	76.72	80.43	79.10	81.37	82.03	79.07	79.19	80.10	78.79	---
4	76.77	76.17	76.96	80.94	78.20	101.26	97.89	78.67	81.88	80.69	77.37	---
5	76.75	76.00	77.56	80.49	79.28	107.56	100.97	77.95	82.06	79.93	77.15	---
6	76.93	76.12	77.46	78.74	79.44	105.83	---	77.34	81.04	79.61	78.14	77.63
7	76.75	76.55	77.41	78.33	78.38	93.15	88.92	77.82	80.64	78.97	78.26	78.40
8	76.44	76.85	76.79	78.76	78.37	89.08	---	78.07	80.90	78.81	79.31	77.56
9	76.88	76.95	76.46	78.48	77.43	86.13	84.81	77.90	81.16	79.59	79.63	---
10	77.22	76.86	76.44	79.21	76.95	82.53	---	77.99	80.50	79.09	78.91	78.07
11	76.70	76.55	76.74	78.73	77.00	80.98	---	78.21	82.01	---	77.88	78.25
12	76.73	76.27	---	78.32	77.69	---	80.25	76.96	85.94	---	77.61	77.46
13	76.93	76.92	---	77.42	77.60	---	79.14	76.69	85.70	78.60	78.37	77.43
14	76.46	76.71	80.89	77.17	78.15	---	79.25	77.00	83.91	77.25	78.46	77.94
15	76.34	76.52	80.89	77.25	77.95	---	78.64	77.77	83.90	76.95	78.40	76.99
16	76.86	---	81.68	78.83	78.01	99.07	79.09	77.43	83.51	77.40	78.20	76.65
17	76.90	76.97	80.60	78.98	77.50	99.80	78.95	77.31	81.58	76.96	---	77.23
18	76.67	76.62	78.81	78.65	77.76	96.25	79.43	77.53	80.88	76.84	---	77.03
19	76.60	---	80.71	77.67	78.07	89.92	78.65	77.54	80.11	76.74	---	76.75
20	76.76	---	78.96	79.04	78.16	93.38	79.00	82.98	79.61	77.15	---	76.81
21	76.45	77.68	78.48	81.60	77.91	---	79.06	81.36	79.29	76.80	---	76.90
22	76.21	77.14	---	81.12	78.60	100.92	79.14	79.29	78.70	76.48	77.90	76.89
23	76.38	76.70	77.13	81.03	79.96	96.10	79.23	78.87	77.99	76.83	78.93	76.60
24	76.72	77.25	76.16	80.84	78.87	89.66	---	79.01	77.56	77.39	78.71	76.95
25	76.89	77.06	76.46	80.87	78.92	88.89	79.53	79.22	78.07	77.39	77.72	76.91
26	76.77	76.87	77.34	80.81	79.55	87.41	79.06	78.90	78.12	77.68	77.21	76.76
27	76.90	77.37	77.38	78.84	78.79	84.33	79.11	78.31	79.21	---	77.82	76.75
28	76.43	76.99	77.46	77.81	80.13	83.96	78.10	78.54	79.19	77.68	77.34	76.94
29	76.05	76.83	79.29	78.91	---	80.70	78.04	78.14	80.62	77.45	77.55	76.59
30	76.32	77.07	79.46	79.72	---	79.96	78.37	77.82	78.76	78.34	76.91	76.39
31	76.63	---	---	79.84	---	80.22	---	77.85	---	79.04	77.23	---
MEAN	76.68	---	---	79.19	78.47	---	---	78.35	80.63	---	---	---
MAX	77.25	---	---	81.60	80.13	---	---	82.98	85.94	---	---	---
MIN	76.05	---	---	77.17	76.95	---	---	76.69	77.56	---	---	---



STATION NUMBER 02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL STREAM SOURCE AGENCY USGS  
 LATITUDE 311533 LONGITUDE 0850637 DRAINAGE AREA 8210.00 DATUM STATE 13 COUNTY 099

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

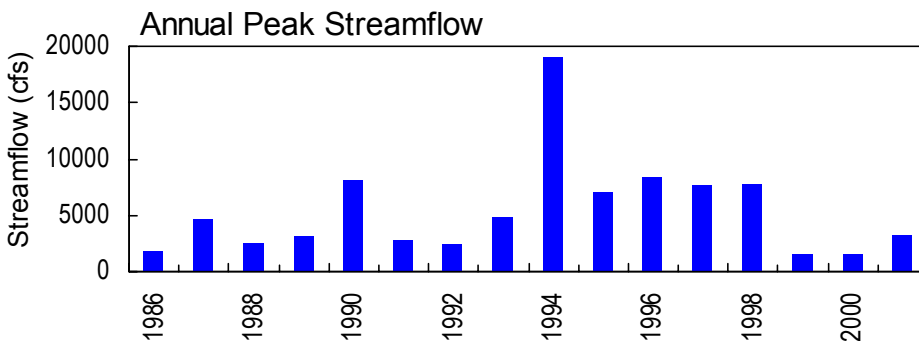
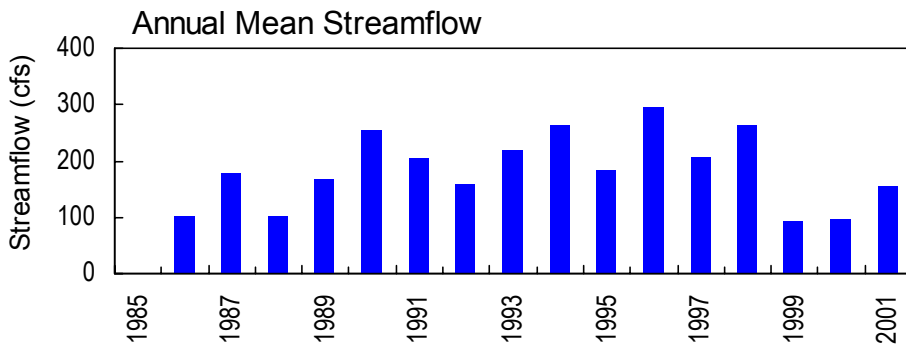
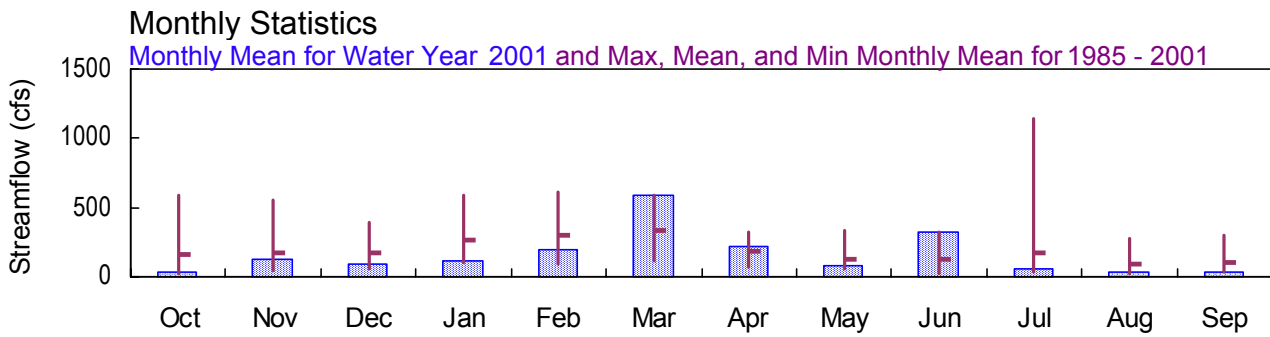
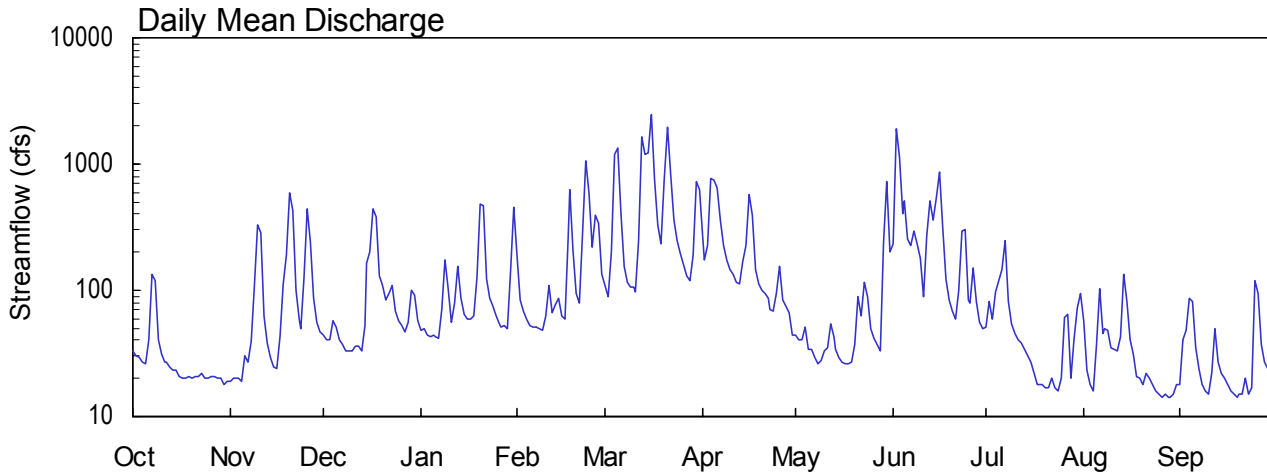
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.35	.00	.00	.77	.10	.10	.50
2	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.50
3	.00	.00	.00	.00	.04	1.97	.81	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.02	.31	1.11	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00
6	.51	.00	.00	.00	.00	.01	.00	.00	.00	.00	1.30	.40
7	.00	.00	.00	.00	.00	.00	.00	.00	.81	.00	.70	.00
8	.00	.01	.00	.05	.00	.00	.00	.00	.50	.00	1.10	.00
9	.00	1.44	.01	.00	.00	.00	.00	.00	1.40	.00	.00	.00
10	.00	.00	.01	.00	.12	.00	.00	.00	.20	.00	.00	.30
11	.00	.00	.00	.18	.00	.01	.00	.00	1.40	.50	.00	.10
12	.00	.00	.00	.00	.00	1.56	.00	.00	.00	.00	.20	.00
13	.00	.80	.00	.00	.00	.01	.01	.00	.10	.00	.00	.00
14	.00	.02	.86	.00	.00	.17	.00	.00	.20	.00	.10	.00
15	.00	.00	.16	.03	.00	1.53	.07	.00	.00	.00	.00	.00
16	.00	.47	.91	.03	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.39	.28	.01	.07	.00	.00	.00	.00	.00	.20	.00
18	.00	.68	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00
19	.00	1.18	.17	.63	.00	.69	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.01	.00	1.34	.00	.00	.00	.30	.00	.00
21	.00	.00	.07	.00	.00	.01	.00	.00	.00	.00	.00	.00
22	.00	.00	.01	.00	.00	.00	.00	.00	.40	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20
24	.00	1.15	.00	.00	.00	.00	.34	.00	.00	.00	.00	.20
25	.00	.16	.00	.00	.22	.05	.00	---	.00	.20	.00	.00
26	.00	.00	.00	.00	.09	.00	.00	.00	.00	.20	.00	.00
27	.00	.00	.22	.00	.01	.00	.00	.00	.00	.10	.00	.00
28	.00	.00	1.95	.00	.08	.55	.00	.00	2.10	.00	.00	.00
29	.00	.00	.00	.00	---	.45	.00	.18	.40	.10	.00	.00
30	.00	.00	.00	.74	---	.00	.00	.00	.40	1.20	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.60	.10	---
TOTAL	0.51	6.30	4.65	1.68	0.66	9.13	2.35	---	8.68	3.30	3.80	2.20

# APALACHICOLA RIVER BASIN

2001 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<sup>2</sup> Datum: 758.8 feet Period of Record: 1985 - 2001



USGS 02344350 FLINT RIVER NEAR LOVEJOY, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02344350 FLINT RIVER NEAR LOVEJOY, GA**

**LOCATION.**--Lat 33°24'56", long 84°23'05", 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<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Feb. 23	1415	1,310	9.58
Mar. 4	2400	1,880	10.96
Mar. 13	1745	2,350	11.63
Mar. 16	0430	*3,210	*12.65
Mar. 21	0845	2,400	11.69
June 2	1430	2,600	11.94

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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, except for periods of missing gage-height.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 12.65 feet, March 16; Minimum gage-height recorded, 1.65 feet, August 30.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 10, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02344350 FLINT RIVER NEAR LOVEJOY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 332456 LONGITUDE 0842305 DRAINAGE AREA 130.00 DATUM 758.75 STATE 13 COUNTY 063

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	33	19	44	48	190	109	259	44	232	51	58	18
2	30	20	40	49	85	89	172	40	1890	82	23	41
3	29	20	40	44	69	201	223	41	1110	60	18	48
4	27	20	58	43	60	1190	777	51	410	98	16	87
5	26	19	51	44	52	1350	749	34	506	118	37	82
6	40	30	40	43	51	407	639	34	251	145	102	35
7	132	27	37	42	51	153	365	29	228	249	46	24
8	118	39	33	71	49	117	223	26	298	82	50	18
9	41	109	33	172	48	106	173	28	230	54	48	16
10	31	331	33	103	62	105	147	33	179	45	35	15
11	27	286	36	56	109	98	132	35	88	41	34	22
12	27	62	36	79	66	247	117	55	268	38	33	50
13	25	38	33	156	78	1660	111	43	515	34	43	27
14	23	29	53	87	87	1190	170	34	361	30	132	22
15	23	25	162	64	63	1220	228	29	541	27	81	20
16	21	24	200	60	60	2450	576	27	873	22	40	18
17	20	43	441	60	262	752	393	26	314	18	31	16
18	20	112	377	62	627	328	147	26	121	18	e21	15
19	21	189	130	127	205	232	112	27	85	18	e20	14
20	20	593	108	480	95	745	100	37	69	17	e18	15
21	21	435	85	462	80	1980	93	89	59	17	e22	15
22	21	99	93	122	289	824	87	62	100	20	e20	20
23	22	59	108	86	1050	365	71	115	297	17	e18	15
24	20	49	69	74	599	248	68	90	306	16	e16	17
25	20	125	57	62	219	194	95	49	83	20	e15	120
26	21	446	52	55	395	158	157	42	80	61	e14	94
27	21	237	47	51	339	131	84	37	151	65	e15	37
28	20	86	56	52	134	120	74	33	81	20	e14	27
29	20	56	99	50	---	190	67	242	56	42	e14	24
30	18	47	91	140	---	728	44	732	50	72	e15	21
31	19	---	57	457	---	628	---	203	---	95	18	---
TOTAL	957	3674	2799	3501	5474	18315	6653	2393	9832	1692	1067	993
MEAN	30.9	122	90.3	113	196	591	222	77.2	328	54.6	34.4	33.1
MAX	132	593	441	480	1050	2450	777	732	1890	249	132	120
MIN	18	19	33	42	48	89	44	26	50	16	14	14
CFSM	.24	.94	.69	.87	1.50	4.54	1.71	.59	2.52	.42	.26	.25
IN.	.27	1.05	.80	1.00	1.57	5.24	1.90	.68	2.81	.48	.31	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2001, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	167	170	172	264	300	330	181	124	126	175	94.5	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	21.6	51.4	53.2	98.7	93.2	112	68.5	55.0	21.0	30.3	25.3	30.7					
(WY)	1988	1999	1989	1986	2000	1988	1999	1992	1988	1988	1999	1987					

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1985 - 2001

ANNUAL TOTAL	34339.0	57350															
ANNUAL MEAN	93.8	157								184							
HIGHEST ANNUAL MEAN										294							1996
LOWEST ANNUAL MEAN										92.2							1999
HIGHEST DAILY MEAN		1240	Mar 21			2450	Mar 16		11000		Jul 5	1994					
LOWEST DAILY MEAN		6.8	Jul 20			14	Aug 26		5.3		Sep 20	1999					
ANNUAL SEVEN-DAY MINIMUM		7.4	Jul 17			15	Aug 24		5.9		Sep 14	1999					
MAXIMUM PEAK FLOW						3210	Mar 16		19000		Jul 5	1994					
MAXIMUM PEAK STAGE						12.65	Mar 16		23.60		Jul 5	1994					
ANNUAL RUNOFF (CFSM)		.72				1.21			1.41								
ANNUAL RUNOFF (INCHES)		9.83				16.41			19.22								
10 PERCENT EXCEEDS		191				394			366								
50 PERCENT EXCEEDS		53				59			87								
90 PERCENT EXCEEDS		17				20			28								

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/09/2002 AT: 14:00:20

e Estimated

STATION NUMBER 02344350 FLINT RIVER NEAR LOVEJOY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 332456 LONGITUDE 0842305 DRAINAGE AREA 130.00 DATUM 758.75 STATE 13 COUNTY 063

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	2.17	1.95	2.62	2.68	4.16	3.49	4.73	2.63	4.38	2.73	2.81	1.77
2	2.12	1.97	2.55	2.70	3.21	3.26	4.07	2.56	10.53	3.17	2.20	2.26
3	2.10	1.97	2.56	2.63	3.01	4.24	4.41	2.58	8.73	2.87	2.08	2.37
4	2.05	1.96	2.84	2.61	2.87	9.02	7.57	2.73	5.75	3.32	2.03	2.91
5	2.03	1.95	2.74	2.62	2.75	9.58	7.50	2.43	6.32	3.56	2.30	2.96
6	2.28	2.20	2.55	2.60	2.74	5.66	7.03	2.44	4.67	3.81	3.10	2.27
7	3.51	2.14	2.50	2.58	2.74	3.90	5.45	2.34	4.50	4.65	2.35	2.03
8	3.41	2.37	2.43	3.01	2.71	3.57	4.47	2.27	5.00	3.15	2.42	1.89
9	2.40	3.31	2.41	4.06	2.68	3.46	4.08	2.32	4.52	2.78	2.37	1.81
10	2.23	5.18	2.42	3.38	2.90	3.45	3.86	2.42	4.11	2.65	2.15	1.81
11	2.14	4.84	2.48	2.81	3.48	3.37	3.72	2.46	3.25	2.57	2.13	1.97
12	2.13	2.89	2.48	3.12	2.96	4.43	3.57	2.80	4.70	2.51	2.11	2.55
13	2.09	2.51	2.42	3.94	3.11	10.14	3.51	2.60	6.38	2.44	2.27	2.09
14	2.05	2.33	2.75	3.23	3.24	9.03	4.04	2.44	5.41	2.37	3.43	1.97
15	2.04	2.24	3.98	2.93	2.92	8.99	4.51	2.34	6.51	2.30	2.84	1.93
16	1.99	2.22	4.29	2.88	2.87	11.63	6.62	2.30	8.05	2.17	2.24	1.87
17	1.97	2.58	5.93	2.88	4.73	7.45	5.58	2.28	5.08	2.08	2.08	1.81
18	1.96	3.51	5.50	2.90	6.95	5.21	3.85	2.27	3.61	2.08	---	1.80
19	1.98	4.14	3.68	3.54	4.28	4.54	3.52	2.29	3.21	2.07	---	1.78
20	1.97	6.75	3.47	6.12	3.34	7.25	3.40	2.48	3.00	2.05	---	1.79
21	2.00	5.81	3.20	6.01	3.15	11.02	3.32	3.26	2.86	2.05	---	1.80
22	1.99	3.37	3.30	3.60	4.80	7.78	3.24	2.90	3.30	2.13	---	1.93
23	2.01	2.87	3.47	3.23	8.66	5.45	3.02	3.50	4.98	2.05	---	1.79
24	1.97	2.71	3.00	3.07	6.70	4.65	2.98	3.23	5.01	2.03	---	1.84
25	1.97	3.61	2.83	2.91	4.44	4.25	3.30	2.71	3.18	2.13	---	3.43
26	1.99	5.94	2.76	2.80	5.63	3.95	3.92	2.59	3.13	2.86	---	3.14
27	1.98	4.51	2.68	2.74	5.26	3.71	3.19	2.49	3.89	---	---	2.32
28	1.96	3.22	2.82	2.75	3.73	3.60	3.07	2.42	3.16	2.13	---	2.11
29	1.96	2.81	3.37	2.72	---	4.16	2.98	4.46	2.82	2.53	---	2.04
30	1.92	2.67	3.27	3.74	---	7.29	2.61	7.44	2.72	3.02	---	1.95
31	1.93	---	2.84	6.02	---	6.89	---	4.26	---	3.33	1.76	---
MEAN	2.14	3.22	3.10	3.32	3.93	5.95	4.24	2.85	4.76	---	---	2.13
MAX	3.51	6.75	5.93	6.12	8.66	11.63	7.57	7.44	10.53	---	---	3.43
MIN	1.92	1.95	2.41	2.58	2.68	3.26	2.61	2.27	2.72	---	---	1.77

STATION NUMBER 02344350 FLINT RIVER NEAR LOVEJOY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 332456 LONGITUDE 0842305 DRAINAGE AREA 130.00 DATUM 758.75 STATE 13 COUNTY 063

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	---	---	---	---	---	---	---	---	2.29	.00	.00	.01
2	---	---	---	---	---	---	---	---	.00	.00	.00	.25
3	---	---	---	---	---	---	---	---	.37	.07	.00	1.27
4	---	---	---	---	---	---	---	---	.07	.15	.00	.22
5	---	---	---	---	---	---	---	---	.02	.61	.00	.00
6	---	---	---	---	---	---	---	---	1.14	.00	.00	.00
7	---	---	---	---	---	---	---	---	.18	.00	.00	.00
8	---	---	---	---	---	---	---	---	.31	.00	.00	.02
9	---	---	---	---	---	---	---	---	.00	.00	.00	.00
10	---	---	---	---	---	---	---	---	.00	.03	.00	.01
11	---	---	---	---	---	---	---	.12	.06	.00	.01	.00
12	---	---	---	---	---	---	---	.00	1.54	.00	.00	.00
13	---	---	---	---	---	---	---	.00	.01	.00	.71	.00
14	---	---	---	---	---	---	---	.00	1.48	.00	.00	.00
15	---	---	---	---	---	---	---	.00	.01	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.13	.00
19	---	---	---	---	---	---	---	1.06	.00	.00	.00	.00
20	---	---	---	---	---	---	---	.13	.00	.06	.00	.00
21	---	---	---	---	---	---	---	.00	.01	.00	.00	.00
22	---	---	---	---	---	---	---	.23	1.38	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.00	.00	.07
24	---	---	---	---	---	---	---	.05	.00	.08	.00	.57
25	---	---	---	---	---	---	---	.28	.00	.54	.00	.01
26	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
27	---	---	---	---	---	---	---	.26	.00	.00	.00	.00
28	---	---	---	---	---	---	---	.26	.27	.60	.00	.00
29	---	---	---	---	---	---	---	1.12	.01	.04	.10	.00
30	---	---	---	---	---	---	---	.00	.17	.04	.07	.00
31	---	---	---	---	---	---	---	.01	---	.00	.11	---
TOTAL	---	---	---	---	---	---	---	---	9.32	2.22	1.13	2.43

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02344396 FLINT RIVER AT WOOLSEY ROAD, NEAR WOOLSEY, GA**

**LOCATION.**-- Lat 33° 21'35", long 84°23'40", 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<sup>2</sup>.

**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.

**RATING.**--Rating Number 1, effective October 1, 1999 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2001 water year are as follows:

<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
10/20/00	38.95	22.4
10/28/00	38.90	18.4
01/19/01	39.32	79.0
01/19/01	39.33	73.7
02/27/01	41.46	394
04/26/01	39.90	185
06/11/01	39.36	92.2
08/20/01	38.79	13.3
09/27/01	39.02	34.7



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02344397 FLINT RIVER BELOW WOOLSEY ROAD, NEAR WOOLSEY, GA**

**LOCATION.**-- Lat 33° 21'34", long 84°23'40", Clayton County, Hydrologic Unit 03130005, 7.0 miles west of Hampton, 7.0 miles southeast of Fayetteville, 150 feet downstream of bridge situated near left bank.

**DRAINAGE AREA.**—160 mi<sup>2</sup>.

**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 (from topographic map).

**RATING.**--Rating Number 1, effective October 1, 1999 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2001 water year are as follows:

<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
10/20/00	5.10	22.4
01/19/01	5.48	73.7
02/27/01	7.61	394
04/26/01	6.05	185
06/11/01	5.54	92.2
08/20/01	4.97	13.3
09/27/01	5.23	34.7

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02344412 FLINT RIVER NEAR LOWRY, GA**

**LOCATION.**—Lat 33°18'12", long 84°23'45", Spalding-Fayette County line, Hydrologic Unit 03130005, 11.0 miles southeast of Fayetteville, 9.0 miles northwest of Griffin.

**DRAINAGE AREA.**— 195 mi<sup>2</sup>.

**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 (from topographic map).

**RATING.**--Rating Number 3, in effect October 1, 2000 to September 30, 2001.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

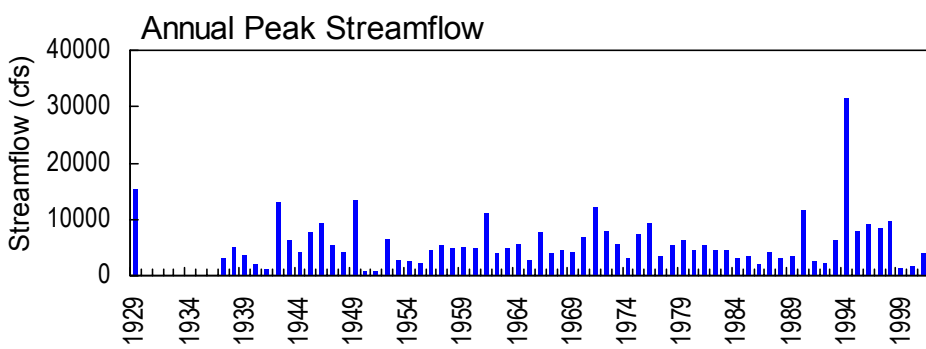
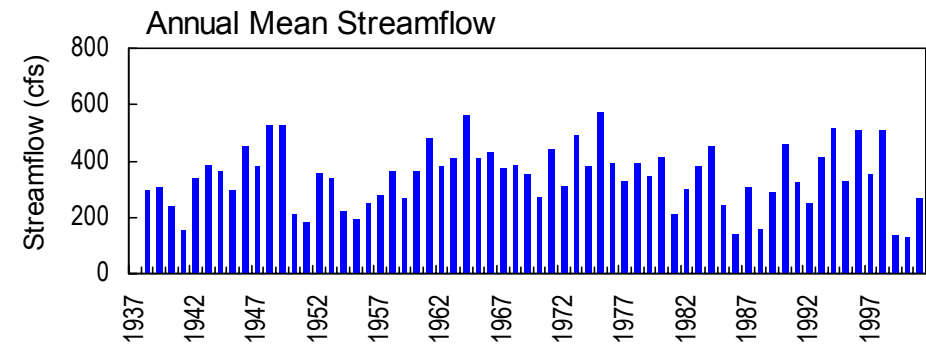
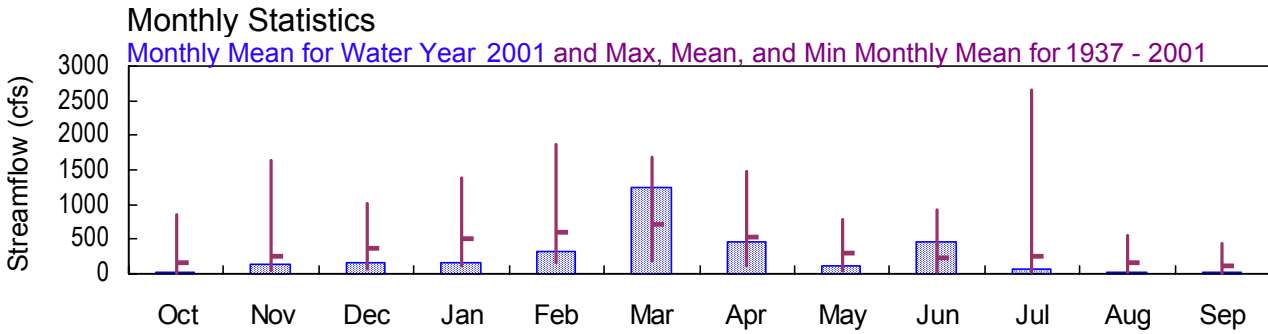
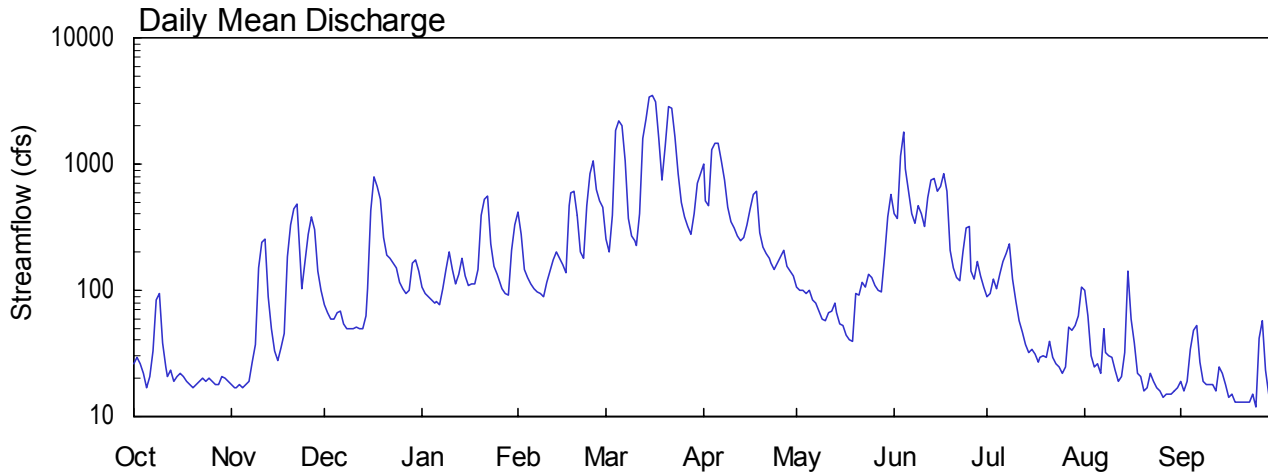
<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
11/08/00	2.20	14.6
06/29/01	3.58	107
08/14/01	2.96	55.7
09/28/01	2.22	19.6

# APALACHICOLA RIVER BASIN

2001 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<sup>2</sup> Datum: 711.4 feet Period of Record: 1937 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02344500 FLINT RIVER NEAR GRIFFIN, GA**

**LOCATION.**--Lat 33°14'39", long 84°25'45", Spalding County, Hydrologic Unit 03130005, at downstream side of bridge pier on GA Highway 16, 1.5 miles downstream from Shoal Creek, 5.5 miles upstream from Line Creek, 10 miles west of Griffin, and at mile 304.4.

**DRAINAGE AREA.**--272 mi<sup>2</sup>.

**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 sea level (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<sup>3</sup>/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<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 2,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	1730	2,410	11.11
Mar. 15	1930	*4,070	*12.52
Mar. 21	0930	3,010	11.71
June 4	0130	2,170	10.84

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (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, 12.52 feet, March 15; minimum gage-height recorded, 2.00 feet, September 18-19.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 10, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.



STATION NUMBER 02344500 FLINT RIVER NEAR GRIFFIN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331439 LONGITUDE 0842545 DRAINAGE AREA 272.00 DATUM 711.44 STATE 13 COUNTY 255

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	2.48	2.25	3.26	3.54	5.76	4.74	8.35	3.55	5.62	3.37	3.47	2.29
2	2.56	2.23	3.15	3.43	4.88	4.37	6.22	3.48	5.46	3.43	3.08	2.21
3	2.47	2.24	3.06	3.37	3.95	5.54	5.97	3.47	8.50	3.69	2.58	2.29
4	2.38	2.26	3.05	3.32	3.74	10.20	9.25	3.42	10.28	3.51	2.45	2.65
5	2.24	2.23	3.15	3.28	3.61	10.84	9.77	3.47	8.03	3.82	2.48	2.90
6	2.35	2.27	3.16	3.30	3.51	10.59	9.68	3.32	6.75	4.12	2.37	2.96
7	2.63	2.30	2.99	3.25	3.44	8.41	8.51	3.28	5.71	4.32	2.91	2.50
8	3.30	2.51	2.93	3.52	3.42	5.49	7.37	3.16	5.31	4.61	2.61	2.30
9	3.41	2.66	2.92	3.93	3.39	4.87	5.96	3.07	6.00	3.71	2.56	2.25
10	2.72	3.98	2.93	4.36	3.64	4.68	5.40	3.04	5.67	3.31	2.55	2.25
11	2.44	4.67	2.95	3.93	3.89	4.56	5.10	3.16	5.16	3.03	2.41	2.25
12	2.36	4.70	2.93	3.62	4.15	5.49	4.86	3.17	6.45	2.87	2.28	2.20
13	2.39	3.36	2.91	3.82	4.38	9.94	4.70	3.29	7.36	2.71	2.34	2.44
14	2.28	2.92	3.09	4.21	4.20	10.91	4.79	3.14	7.45	2.61	2.60	2.37
15	2.35	2.64	3.50	3.79	4.04	12.01	5.22	2.99	6.76	2.65	---	2.24
16	2.37	2.53	5.77	3.59	3.83	12.06	5.93	2.97	7.02	2.59	---	2.13
17	2.34	2.68	7.50	3.61	6.00	11.77	6.56	2.84	7.74	2.51	---	2.17
18	2.29	2.83	7.01	3.60	6.69	9.84	6.70	2.76	6.68	2.55	2.37	2.08
19	2.27	4.19	6.36	3.89	6.76	7.33	4.94	2.74	4.43	2.56	2.33	2.09
20	2.24	5.26	4.78	5.64	5.60	9.03	4.51	3.42	3.96	2.54	2.21	2.11
21	2.26	5.89	4.30	6.37	4.36	11.58	4.31	3.40	3.74	2.74	2.23	2.11
22	2.27	6.12	4.19	6.49	4.20	11.50	4.19	3.65	3.67	2.56	2.37	2.09
23	2.32	4.16	4.07	4.60	5.99	9.97	4.09	3.53	4.35	2.48	2.30	2.08
24	2.30	3.51	3.98	4.02	7.68	7.69	3.94	3.79	5.11	2.46	2.24	2.15
25	2.31	4.09	3.65	3.81	8.50	6.21	4.10	3.76	5.14	2.39	2.20	2.08
26	2.28	4.93	3.53	3.60	6.77	5.57	4.23	3.57	3.88	2.45	2.15	2.65
27	2.25	5.55	3.41	3.51	6.25	5.18	4.42	3.48	3.70	2.93	2.18	3.00
28	2.27	5.04	3.49	3.42	5.98	4.92	3.99	3.44	4.13	2.90	2.16	2.40
29	2.34	3.87	4.07	3.41	---	5.61	3.88	4.18	3.79	2.96	2.16	2.16
30	2.32	3.48	4.15	4.35	---	7.17	3.79	5.58	3.55	3.09	2.18	2.13
31	2.28	---	3.88	5.22	---	7.72	---	6.60	---	3.53	2.21	---
MEAN	2.42	3.58	3.87	3.99	4.95	7.93	5.69	3.51	5.71	3.06	---	2.32
MAX	3.41	6.12	7.50	6.49	8.50	12.06	9.77	6.60	10.28	4.61	---	3.00
MIN	2.24	2.23	2.91	3.25	3.39	4.37	3.79	2.74	3.55	2.39	---	2.08

STATION NUMBER 02344500 FLINT RIVER NEAR GRIFFIN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331439 LONGITUDE 0842545 DRAINAGE AREA 272.00 DATUM 711.44 STATE 13 COUNTY 255

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	---	---	---	---	---	---	---	---	.56	.01	.00	.00
2	---	---	---	---	---	---	---	---	.00	.00	.00	.07
3	---	---	---	---	---	---	---	---	.26	.00	.00	.74
4	---	---	---	---	---	---	---	---	.16	.00	.00	.00
5	---	---	---	---	---	---	---	---	.08	.49	.00	.00
6	---	---	---	---	---	---	---	---	.00	.00	.03	.00
7	---	---	---	---	---	---	---	---	.31	.00	.08	.00
8	---	---	---	---	---	---	---	---	.32	.00	.00	.00
9	---	---	---	---	---	---	---	---	1.20	.00	.00	.00
10	---	---	---	---	---	---	---	---	.00	.17	.33	.00
11	---	---	---	---	---	---	---	.01	.97	.00	.03	.18
12	---	---	---	---	---	---	---	.00	.88	.00	.02	.00
13	---	---	---	---	---	---	---	.00	.01	.00	.22	.00
14	---	---	---	---	---	---	---	.00	.45	.00	.01	.00
15	---	---	---	---	---	---	---	.00	.01	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	1.11	.00	.00	.00	.01
20	---	---	---	---	---	---	---	.07	.39	.44	.00	.00
21	---	---	---	---	---	---	---	.00	.12	.00	.00	.00
22	---	---	---	---	---	---	---	.20	.55	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.00	.00	.04
24	---	---	---	---	---	---	---	.25	.00	.02	.00	.08
25	---	---	---	---	---	---	---	.20	.00	.31	.00	.00
26	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
27	---	---	---	---	---	---	---	.21	.00	.00	.00	.00
28	---	---	---	---	---	---	---	.34	.05	.17	.00	.00
29	---	---	---	---	---	---	---	.75	.74	.80	.02	.00
30	---	---	---	---	---	---	---	.00	.00	.03	.04	.00
31	---	---	---	---	---	---	---	.00	---	.00	.50	---
TOTAL	---	---	---	---	---	---	---	---	7.06	2.44	1.28	1.12

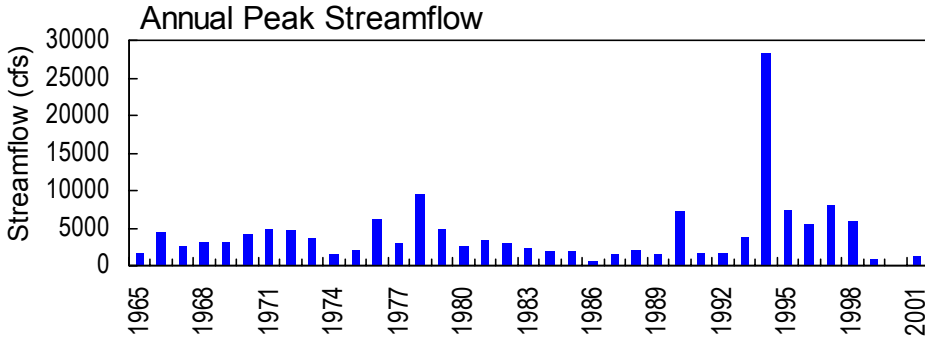
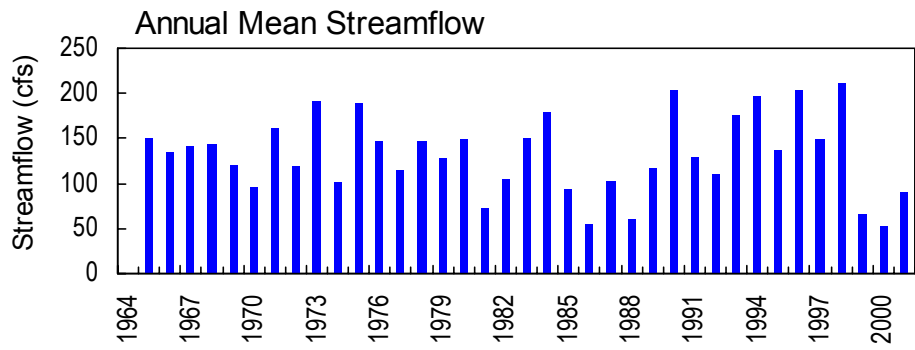
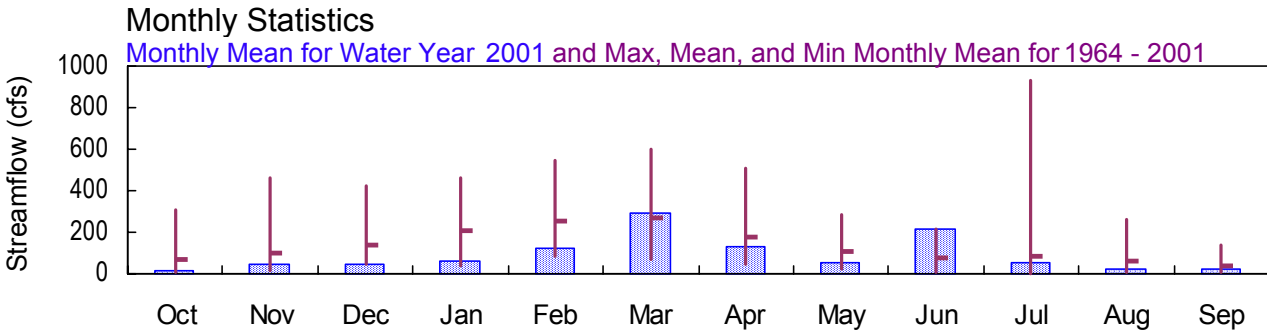
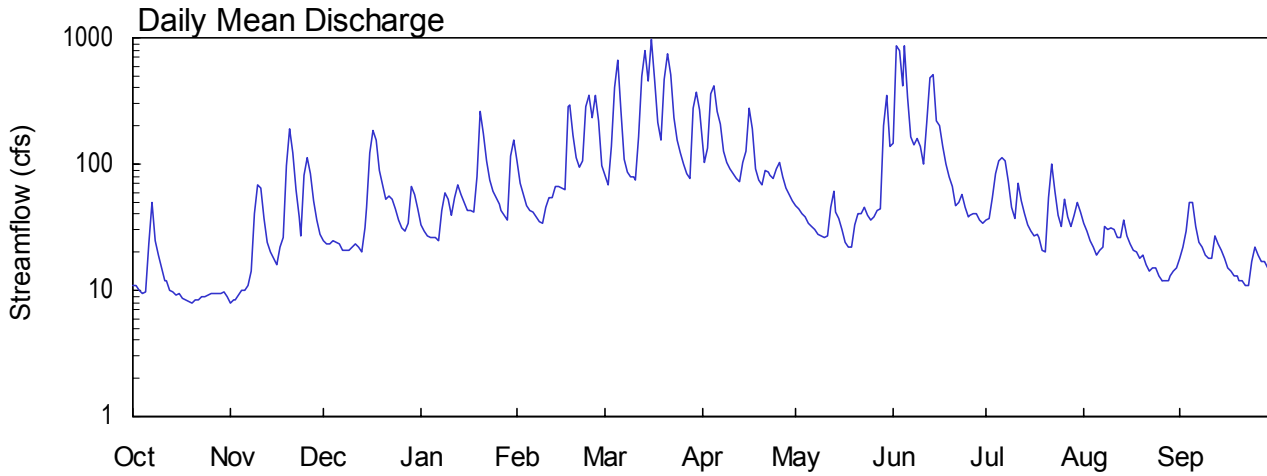


# APALACHICOLA RIVER BASIN

2001 Water Year

## 02344700 LINE CREEK NEAR SENOIA, GA

Latitude: 33° 19' 10" Longitude: 84° 31' 25" Hydrologic Unit Code: 03130005 Coweta County  
 Drainage Area: 101 mi<sup>2</sup> Datum: 729.5 feet Period of Record: 1964 - 2001



USGS 02344700 Line Creek near Senoia, GA  
 science for a changing world

**APALACHICOLA RIVER BASIN  
2001 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 Highway 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<sup>2</sup>, 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.**—Water-stage recorder. Datum of gage is 729.5 feet above sea level (leveling by Global Positioning System equipment).

**REMARKS.**—Records good, except for those of estimated record which are poor.

**PEAK DISCHARGES FOR CURRENT YEAR.**—Peak discharges greater than base discharge of 1,000 ft<sup>3</sup>/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 <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 16	unknown	*unknown	*unknown
June 2	1830	1,260	8.92
June 5	0430	1,100	8.59

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**—September 1964 to current year.

**GAGE.**—Water-stage recorder. Datum of gage is 729.5 feet above sea level (leveling by Global Positioning System equipment).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, unknown, March 16; minimum gage-height recorded, 1.38 feet, October 19.

STATION NUMBER 02344700 LINE CREEK NEAR SENOIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331910 LONGITUDE 0843125 DRAINAGE AREA 101.00 DATUM 729.27 STATE 13 COUNTY 077

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	11	7.9	25	33	105	e81	e143	47	144	36	34	18
2	11	8.4	23	29	71	e68	e102	44	875	37	29	22
3	10	8.4	23	27	57	e137	e132	40	785	55	25	29
4	9.4	9.2	25	26	47	e400	e365	38	417	84	22	49
5	9.8	10	24	26	43	e664	e413	34	871	106	19	49
6	23	10	23	26	42	e261	e259	32	340	113	21	32
7	50	11	21	25	38	e108	e209	30	165	105	22	24
8	25	14	21	43	35	e86	e126	28	140	72	32	22
9	19	41	21	60	34	e79	e103	27	159	46	30	19
10	15	68	22	53	45	e79	e91	26	136	37	31	18
11	12	64	23	39	54	e74	e84	27	100	71	30	18
12	12	37	22	54	54	e166	e77	46	214	51	26	27
13	10	24	20	68	67	e494	e73	61	482	40	26	23
14	9.6	20	31	58	66	e785	e102	42	519	33	36	21
15	9.2	18	46	50	64	e453	e128	37	220	29	27	18
16	9.3	16	121	43	63	e985	e274	30	204	27	23	15
17	8.7	22	182	43	285	e471	e192	24	139	28	21	14
18	8.4	26	156	42	295	e212	e91	22	100	26	20	13
19	8.1	98	90	80	170	e155	e74	22	79	21	18	13
20	8.0	190	69	259	113	e467	e68	33	66	20	19	12
21	8.3	124	53	176	95	e738	90	41	47	55	16	12
22	8.5	62	56	105	105	e514	87	41	49	101	14	11
23	8.9	38	52	74	288	e232	81	45	57	61	15	11
24	8.8	27	44	61	355	e156	76	39	46	39	15	17
25	9.2	81	36	54	233	e123	91	36	38	32	13	22
26	9.3	111	31	48	352	e100	102	38	39	53	12	19
27	9.4	83	29	43	e221	e84	79	43	41	38	12	17
28	9.3	51	34	39	e97	e78	65	44	40	32	12	17
29	9.5	36	66	36	---	e274	57	199	36	39	13	15
30	9.7	28	58	117	---	e373	51	350	34	50	14	14
31	9.0	---	44	156	---	e271	---	136	---	42	15	---
TOTAL	378.4	1343.9	1491	1993	3494	9168	3885	1702	6582	1579	662	611
MEAN	12.2	44.8	48.1	64.3	125	296	130	54.9	219	50.9	21.4	20.4
MAX	50	190	182	259	355	985	413	350	875	113	36	49
MIN	8.0	7.9	20	25	34	68	51	22	34	20	12	11
CFSM	.12	.44	.48	.64	1.24	2.93	1.28	.54	2.17	.50	.21	.20
IN.	.14	.49	.55	.73	1.29	3.38	1.43	.63	2.42	.58	.24	.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2001, BY WATER YEAR (WY)

MEAN	67.9	103	141	210	253	270	179	110	76.7	83.9	61.1	39.4
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	13.9	44.4	36.0	83.3	71.8	43.7	21.0	4.63	3.15	3.93	5.32
(WY)	1979	1982	1999	1981	2000	1988	1986	2000	1988	1988	1986	1986

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1964 - 2001	
ANNUAL TOTAL	19085.2		32889.3			
ANNUAL MEAN	52.1		90.1		132	
HIGHEST ANNUAL MEAN					210	
LOWEST ANNUAL MEAN					53.9	
HIGHEST DAILY MEAN	650	Mar 21	985	Mar 16	15000	Jul 5 1994
LOWEST DAILY MEAN	3.8	Jul 8	7.9	Nov 1	1.0	Oct 7 1986
ANNUAL SEVEN-DAY MINIMUM	4.6	Jul 4	8.4	Oct 17	1.3	Oct 1 1986
MAXIMUM PEAK FLOW			1260	Jun 2	28400	Jul 5 1994
MAXIMUM PEAK STAGE			8.92	Jun 2	20.10	Jul 5 1994
ANNUAL RUNOFF (CFSM)	.52		.89		1.31	
ANNUAL RUNOFF (INCHES)	7.03		12.11		17.81	
10 PERCENT EXCEEDS	108		216		274	
50 PERCENT EXCEEDS	25		42		69	
90 PERCENT EXCEEDS	8.5		12		16	

STATISTICS COMPUTED BY: kerestes

DATE: 04/02/2002 AT: 10:06:18

e Estimated

STATION NUMBER 02344700 LINE CREEK NEAR SENOIA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 331910 LONGITUDE 0843125 DRAINAGE AREA 101.00 DATUM 729.27 STATE 13 COUNTY 077

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	1.41	1.86	2.01	3.18	---	---	2.14	3.50	1.96	1.92	1.59
2	1.47	1.43	1.81	1.92	2.65	---	---	2.09	7.81	1.98	1.82	1.69
3	1.46	1.42	1.81	1.88	2.41	---	---	2.03	7.70	2.27	1.74	1.83
4	1.43	1.45	1.84	1.87	2.26	---	---	1.99	6.12	2.71	1.67	2.18
5	1.45	1.48	1.81	1.87	2.18	---	---	1.92	8.00	3.05	1.62	2.17
6	1.75	1.49	1.81	1.87	2.18	---	---	1.88	5.55	3.16	1.65	1.87
7	2.29	1.51	1.76	1.86	2.10	---	---	1.84	3.84	3.04	1.67	1.72
8	1.84	1.58	1.76	2.17	2.04	---	---	1.81	3.52	2.53	1.88	1.67
9	1.70	2.14	1.76	2.46	2.03	---	---	1.78	3.78	2.13	1.85	1.61
10	1.62	2.59	1.78	2.34	2.21	---	---	1.78	3.46	1.98	1.87	1.58
11	1.53	2.54	1.79	2.12	2.37	---	---	1.79	2.97	2.52	1.85	1.59
12	1.53	2.07	1.77	2.36	2.37	---	---	2.11	4.35	2.21	1.77	1.78
13	1.48	1.81	1.72	2.60	2.59	---	---	2.36	6.54	2.02	1.77	1.69
14	1.46	1.74	1.95	2.43	2.56	---	---	2.06	6.74	1.89	1.96	1.65
15	1.45	1.68	2.24	2.30	2.52	---	---	1.98	4.47	1.82	1.78	1.60
16	1.45	1.63	3.39	2.19	2.50	---	---	1.85	4.30	1.78	1.70	1.52
17	1.43	1.77	4.12	2.19	5.10	---	---	1.73	3.51	1.81	1.66	1.49
18	1.43	1.86	3.82	2.17	5.23	---	---	1.68	2.97	1.76	1.63	1.48
19	1.42	3.00	2.95	2.71	3.89	---	---	1.67	2.65	1.66	1.58	1.46
20	1.41	4.21	2.61	4.90	3.16	---	---	1.89	2.44	1.63	1.61	1.44
21	1.42	3.43	2.35	4.06	2.89	---	2.82	2.05	2.15	2.26	1.55	1.44
22	1.43	2.50	2.40	3.17	3.03	---	2.77	2.04	2.17	2.98	1.50	1.43
23	1.44	2.09	2.34	2.70	5.15	---	2.68	2.12	2.30	2.37	1.52	1.41
24	1.44	1.89	2.20	2.47	5.77	---	2.60	2.01	2.12	2.01	1.52	1.56
25	1.45	2.78	2.06	2.37	4.60	---	2.83	1.95	1.98	1.88	1.48	1.69
26	1.45	3.27	1.97	2.27	5.75	---	3.00	1.99	2.01	2.24	1.46	1.61
27	1.46	2.83	1.92	2.19	---	---	2.65	2.08	2.04	1.99	1.45	1.56
28	1.45	2.32	2.01	2.11	---	---	2.42	2.10	2.02	1.89	1.44	1.57
29	1.46	2.05	2.57	2.06	---	---	2.30	4.09	1.95	2.01	1.46	1.52
30	1.46	1.91	2.43	3.28	---	---	2.21	5.69	1.92	2.19	1.48	1.50
31	1.44	---	2.19	3.83	---	---	---	3.45	---	2.07	1.53	---
MEAN	1.52	2.13	2.22	2.48	---	---	---	2.19	3.83	2.19	1.66	1.63
MAX	2.29	4.21	4.12	4.90	---	---	---	5.69	8.00	3.16	1.96	2.18
MIN	1.41	1.41	1.72	1.86	---	---	---	1.67	1.92	1.63	1.44	1.41

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02346195 LAZAR CREEK AT GA 41, NEAR TALBOTTON, GA**

**LOCATION.**--Lat 32°44'33", long 84°33'20", Talbot County, Hydrologic Unit 03130005, at GA Highway 41, 5.0 miles north of Talbotton.

**DRAINAGE AREA.**—81.3 mi<sup>2</sup>.

**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 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 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<sup>3</sup>/s, March 17, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 16.78 feet, March 4

**DISCHARGE:** 7,869 ft<sup>3</sup>/s, March 4

**APALACHICOLA RIVER BASIN  
2001 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", Talbot County, Hydrologic Unit 03130005, at culvert on County Road 39, 1.2 miles southeast of Manchester.

**DRAINAGE AREA.**—2.82 mi<sup>2</sup>.

**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 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 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<sup>3</sup>/s, March 16, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 3.52 feet, March 4

**DISCHARGE:** 638 ft<sup>3</sup>/s, March 4

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02346475 POTATO CREEK NORTHWEST OF THOMASTON, GA**

**LOCATION.**— Lat 32°54'38", long. 84°21'25", 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<sup>2</sup>.

**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 (from topographic map).

**RATING.**--Rating Number 3, effective August 29, 1990 to September 30, 2001.

**REMARKS.**--Records fair only due to poor available sections for standard measuring methods. Measurements for the 2001 water year are as follows:

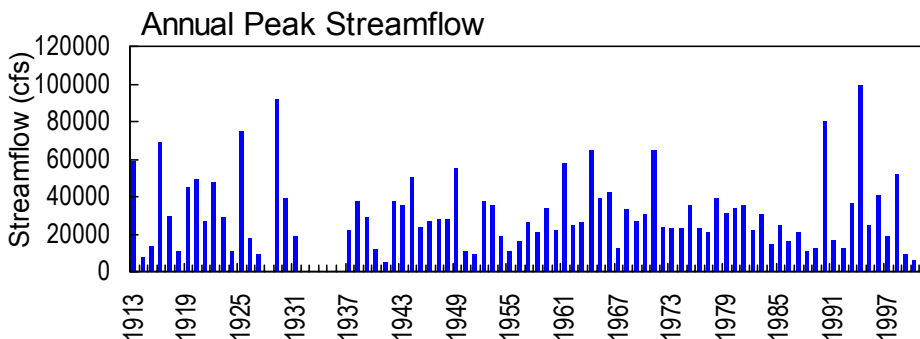
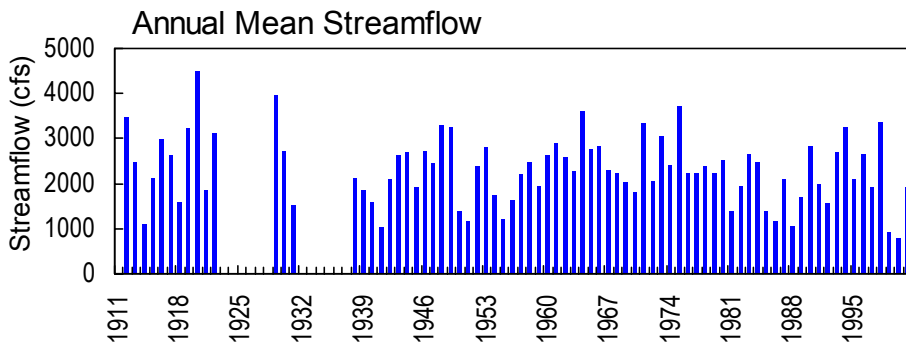
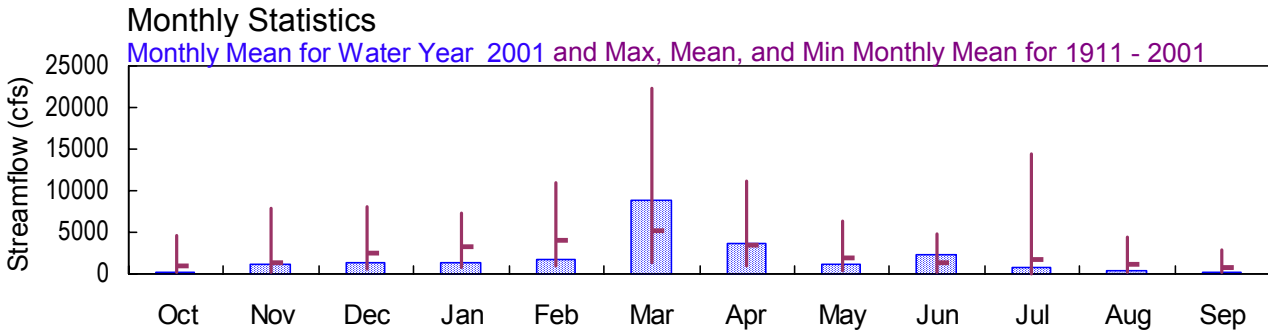
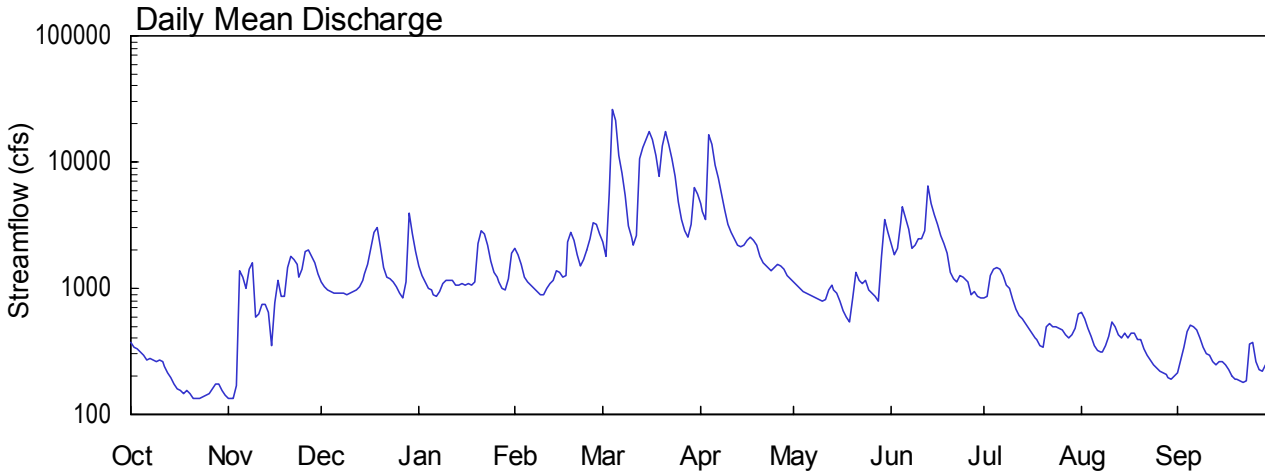
<u>DATE</u>	<u>GAGE HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
11/03/00	1.48	12.4
03/02/01	2.30	160
05/16/01	1.76	67.0
08/15/01	1.60	41.7
10/04/01	1.05	7.80

# APALACHICOLA RIVER BASIN

2001 Water Year

02347500 FLINT RIVER NEAR CULLODEN, GA

Latitude: 32° 43' 17" Longitude: 84° 13' 57" Hydrologic Unit Code: 03130005 Upson County  
 Drainage Area: 1850 mi<sup>2</sup> Datum: 334.5 feet Period of Record: 1911 - 2001





**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02347500 FLINT RIVER NEAR CULLODEN, GA**

**LOCATION.**--Lat 32°43'17", long 84°13'57", Taylor-Upson County line, Hydrologic Unit 03130005, on left bank underneath bridge on U.S. Highway 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<sup>2</sup>, 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 transmitter with a water-stage recorder. Datum of gage is 334.54 feet above sea level. 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<sup>3</sup>/s and those estimated days on August 25, 26, and September 24-30, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 11,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	1430	28,700*	23.36*
Mar. 16	unknown	unknown	unknown
Mar. 20	1940	19,400	18.12
Apr. 4	1000	18,300	17.40

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 transmitter with a water-stage recorder. Datum of gage is 334.54 feet above sea level. 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, 23.36 feet, March 4; minimum gage-height recorded, 0.89 feet, October 23.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 20, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02347500 FLINT RIVER NEAR CULLODEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324317 LONGITUDE 0841357 DRAINAGE AREA 1850.00 DATUM 334.54 STATE 13 COUNTY 293

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	e368	e135	1130	1520	2080	2320	4700	1110	2290	850	647	214
2	e336	e133	1030	1280	1850	1800	4020	1050	1860	865	580	269
3	e328	e135	984	1110	1560	5540	3460	988	2060	1250	482	340
4	e308	e167	952	1010	1240	25900	16300	957	3330	1410	412	460
5	e293	e1360	920	965	1120	21300	13600	917	4370	1440	353	513
6	e273	e1230	906	895	1060	11400	9540	892	3640	1410	322	498
7	e281	e1010	908	862	1010	8080	e7480	861	2950	1250	310	468
8	e269	e1430	913	930	944	5360	e5620	835	2070	1070	308	410
9	e261	e1600	901	1090	883	3140	4200	815	2210	999	353	345
10	e273	e599	921	1170	886	2510	3240	788	2500	826	419	300
11	e261	634	955	1160	1010	2180	2760	e804	2480	678	541	294
12	240	738	983	1150	1080	2580	2450	e984	2890	610	498	263
13	215	737	1020	1060	1170	e10600	2220	e1060	6550	580	435	250
14	197	e641	1150	1070	1370	e12900	2130	e984	4630	527	408	258
15	173	e347	1300	1100	1330	e15200	2170	e920	3850	476	441	260
16	161	e777	1550	1050	1230	e17500	2430	e792	3250	438	402	248
17	154	e1170	e2090	1080	1280	15000	2540	e670	2600	409	440	223
18	148	e858	e2790	1070	2360	11400	2410	586	2280	391	445	204
19	155	e858	e3020	1130	2760	7740	2200	542	1920	355	399	192
20	146	e1460	e2140	2280	2380	13200	1790	842	1350	345	388	188
21	135	1810	e1450	2890	1870	17300	1600	1350	1180	490	331	185
22	132	1700	e1220	2700	1510	13800	1510	1170	1130	525	291	177
23	133	1530	1200	2200	1710	10600	1440	1100	1260	491	266	187
24	137	1210	1110	1660	2010	7600	1370	1160	1240	493	248	365
25	143	1410	1020	1340	2440	4810	1440	977	1150	479	236	375
26	148	1930	911	1210	3260	3510	1560	908	1110	462	221	265
27	158	2000	838	1120	3230	2890	1500	853	898	e431	214	225
28	e174	1810	1130	1010	2730	2520	1410	788	936	408	207	217
29	e173	1590	3960	964	---	3190	1270	1790	871	424	193	245
30	e155	1290	2730	1190	---	6260	1180	3540	830	481	190	217
31	e141	---	1960	1920	---	5640	---	2800	---	624	200	---
TOTAL	6469	32299	44092	41186	47363	273770	109540	33833	69685	21487	11180	8655
MEAN	209	1077	1422	1329	1692	8831	3651	1091	2323	693	361	288
MAX	368	2000	3960	2890	3260	25900	16300	3540	6550	1440	647	513
MIN	132	133	838	862	883	1800	1180	542	830	345	190	177
CFSM	.11	.58	.77	.72	.91	4.77	1.97	.59	1.26	.37	.19	.16
IN.	.13	.65	.89	.83	.95	5.50	2.20	.68	1.40	.43	.22	.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2001, BY WATER YEAR (WY)

	961	1372	2425	3202	4080	5249	3500	2000	1402	1685	1175	843
MEAN	961	1372	2425	3202	4080	5249	3500	2000	1402	1685	1175	843
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	247	668	715	1049	1303	933	392	144	77.5	174	121
(WY)	1955	1932	1961	1956	1938	1918	1999	2000	2000	2000	1986	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1911 - 2001

ANNUAL TOTAL	315692	699559		
ANNUAL MEAN	863	1917	2309	
HIGHEST ANNUAL MEAN			4500	1920
LOWEST ANNUAL MEAN			769	2000
HIGHEST DAILY MEAN	6000	Mar 21	25900	Mar 4
LOWEST DAILY MEAN	37	Jul 23	132	Oct 22
ANNUAL SEVEN-DAY MINIMUM	43	Jul 17	139	Oct 20
MAXIMUM PEAK FLOW			28700	Mar 4
MAXIMUM PEAK STAGE			23.36	Mar 4
ANNUAL RUNOFF (CFSM)	.47		1.04	
ANNUAL RUNOFF (INCHES)	6.35		14.07	
10 PERCENT EXCEEDS	1860		3520	4790
50 PERCENT EXCEEDS	581		1030	1310
90 PERCENT EXCEEDS	100		217	431

STATISTICS COMPUTED BY: rnichols

DATE: 02/08/2002 AT: 15:27:29

e Estimated

STATION NUMBER 02347500 FLINT RIVER NEAR CULLODEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324317 LONGITUDE 0841357 DRAINAGE AREA 1850.00 DATUM 334.54 STATE 13 COUNTY 293

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	---	---	2.97	3.57	4.40	4.75	7.56	2.93	4.70	2.52	2.17	1.18
2	---	---	2.83	3.19	4.07	3.99	6.79	2.83	4.08	2.54	2.04	1.34
3	---	---	2.75	2.94	3.62	7.97	6.13	2.74	4.36	3.13	1.85	1.53
4	---	---	2.70	2.79	3.14	21.93	16.20	2.69	6.00	3.38	1.70	1.80
5	---	---	2.65	2.72	2.96	19.18	14.66	2.63	7.19	3.42	1.56	1.91
6	---	---	2.63	2.61	2.86	13.05	11.88	2.59	6.37	3.38	1.48	1.88
7	---	---	2.63	2.56	2.79	10.65	---	2.54	5.54	3.13	1.45	1.82
8	---	---	2.64	2.67	2.69	8.22	---	2.49	4.38	2.87	1.45	1.69
9	---	---	2.62	2.90	2.59	5.78	7.00	2.46	4.59	2.75	1.56	1.54
10	---	---	2.65	3.02	2.60	5.01	5.90	2.41	4.99	2.48	1.71	1.43
11	---	2.16	2.71	3.02	2.79	4.58	5.33	---	4.97	2.22	1.97	1.41
12	---	---	2.75	3.00	2.90	5.04	4.92	---	5.45	2.10	1.88	1.32
13	1.20	---	2.80	2.87	3.04	e8.23	4.60	---	9.37	2.05	1.75	1.29
14	1.14	---	3.00	2.88	3.34	e12.25	4.47	---	7.48	1.94	1.69	1.31
15	1.06	---	3.23	2.93	3.27	e15.64	4.52	---	6.61	1.84	1.76	1.32
16	1.02	---	---	2.85	3.12	e18.51	4.90	---	5.91	1.76	1.67	1.28
17	1.00	---	---	2.89	3.21	e16.39	5.05	---	5.13	1.69	1.76	1.21
18	.97	---	---	2.89	4.78	13.09	4.87	2.06	4.69	1.65	1.77	1.15
19	1.00	---	---	2.98	5.32	10.36	4.57	1.97	4.17	1.56	1.67	1.11
20	.96	---	---	4.68	4.83	13.95	3.97	2.48	3.28	1.54	1.64	1.09
21	.92	4.00	---	5.49	4.09	16.79	3.68	3.29	3.02	1.87	1.50	1.08
22	.91	3.84	---	5.24	3.56	14.66	3.54	3.01	2.95	1.94	1.40	1.06
23	.92	3.59	3.09	4.57	3.86	12.49	3.42	2.91	3.16	1.87	1.33	1.09
24	.93	3.09	2.94	3.78	4.29	10.26	3.32	3.00	3.13	1.87	1.28	1.58
25	.95	3.40	2.80	3.29	4.91	7.66	3.42	2.72	2.98	1.84	1.24	1.61
26	.97	4.19	2.64	3.09	5.92	6.21	3.61	2.61	2.92	1.81	1.20	1.33
27	1.01	4.29	2.52	2.95	5.88	5.48	3.52	2.52	2.59	---	1.18	1.21
28	---	4.01	2.97	2.79	5.28	5.02	3.38	2.41	2.65	1.69	1.16	1.19
29	---	3.68	6.73	2.72	---	5.81	3.16	3.88	2.55	1.72	1.11	1.27
30	---	3.22	5.28	3.06	---	9.12	3.02	6.24	2.48	1.85	1.10	1.19
31	---	---	4.23	4.17	---	8.52	---	5.37	---	2.13	1.13	---
MEAN	---	---	---	3.26	3.79	10.34	---	---	4.59	---	1.55	1.37
MAX	---	---	---	5.49	5.92	21.93	---	---	9.37	---	2.17	1.91
MIN	---	---	---	2.56	2.59	3.99	---	---	2.48	---	1.10	1.06

e Estimated

STATION NUMBER 02347500 FLINT RIVER NEAR CULLODEN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 324317 LONGITUDE 0841357 DRAINAGE AREA 1850.00 DATUM 334.54 STATE 13 COUNTY 293

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	---	---	---	---	---	---	---	---	.24	.00	.00	.07
2	---	---	---	---	---	---	---	---	.00	.92	.00	.00
3	---	---	---	---	---	---	---	---	.34	.19	.00	1.13
4	---	---	---	---	---	---	---	---	---	.12	.00	.02
5	---	---	---	---	---	---	---	---	---	.06	.00	.00
6	---	---	---	---	---	---	---	---	.09	.00	.08	.00
7	---	---	---	---	---	---	---	---	.01	.00	.00	.00
8	---	---	---	---	---	---	---	---	---	.00	.00	.00
9	---	---	---	---	---	---	---	---	---	.00	.00	.00
10	---	---	---	---	---	---	---	---	---	.00	.02	.00
11	---	---	---	---	---	---	---	---	---	.00	.16	.46
12	---	---	---	---	---	---	---	---	---	.00	.07	.00
13	---	---	---	---	---	---	---	---	---	.00	.00	.01
14	---	---	---	---	---	---	---	---	---	.00	.33	.00
15	---	---	---	---	---	---	---	---	.17	.00	.00	.00
16	---	---	---	---	---	---	---	---	.00	.00	.00	.00
17	---	---	---	---	---	---	---	---	.00	.00	1.28	.00
18	---	---	---	---	---	---	---	---	.00	.00	.03	.00
19	---	---	---	---	---	---	---	---	.00	.00	.01	.00
20	---	---	---	---	---	---	---	---	.00	.73	.01	.11
21	---	---	---	---	---	---	---	.00	.39	.00	.00	.00
22	---	---	---	---	---	---	---	.07	.68	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.00	.00	2.95
24	---	---	---	---	---	---	---	.00	.00	1.59	.00	.63
25	---	---	---	---	---	---	---	.00	.00	.06	.00	.00
26	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
27	---	---	---	---	---	---	---	.00	1.12	.00	.00	.00
28	---	---	---	---	---	---	---	.00	.11	.00	.00	.00
29	---	---	---	---	---	---	---	2.10	.00	.00	.00	.00
30	---	---	---	---	---	---	---	.00	1.20	.01	.10	.00
31	---	---	---	---	---	---	---	.00	---	.00	.00	---
TOTAL	---	---	---	---	---	---	---	---	---	3.68	2.09	5.38

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02349030 CEDAR CREEK AT US 19, NEAR RUPERT, GA**

**LOCATION.**--Lat 32°23'21", long 84°17'49", Taylor County, Hydrologic Unit 03130005, at US Highway 19, 3.0 miles south of Rupert.

**DRAINAGE AREA.**—41.1 mi<sup>2</sup>.

**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 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:** 7.50 feet, July 6, 1994

**DISCHARGE:** 2,400 ft<sup>3</sup>/s, July 6, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 3.19 feet, March 4

**DISCHARGE:** 241 ft<sup>3</sup>/s, March 4

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02349330 BUCK CREEK TRIBUTARY AT GA 240, NEAR TAZEWELL, GA**

**LOCATION.**--Lat 32°20'50", long 84°22'26", Schley County, Hydrologic Unit 03130006, at culvert on GA Highway 240, 4.3 miles east of Tazewell.

**DRAINAGE AREA.**—0.43 mi<sup>2</sup> 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 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:** 4.37 feet, October 1, 1989

**DISCHARGE:** 103 ft<sup>3</sup>/s, October 1, 1989

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** <1.48 feet, Not determined, peak below bottom of gage.

**DISCHARGE:** <7.15 ft<sup>3</sup>/s, Not determined, peak below bottom of gage.

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02349350 BUCK CREEK AT US 19, NEAR ELLAVILLE, GA**

**LOCATION.**--Lat 32°18'35", long 84°17'36", Schley County, Hydrologic Unit 03130006, at US Highway 19, 5.0 miles north of Ellaville.

**DRAINAGE AREA.**—146 mi<sup>2</sup>.

**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 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:** 11.31 feet, July 6, 1994

**DISCHARGE:** 7,800 ft<sup>3</sup>/s, July 6, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 7.25 feet, March 4

**DISCHARGE:** 963 ft<sup>3</sup>/s, March 4

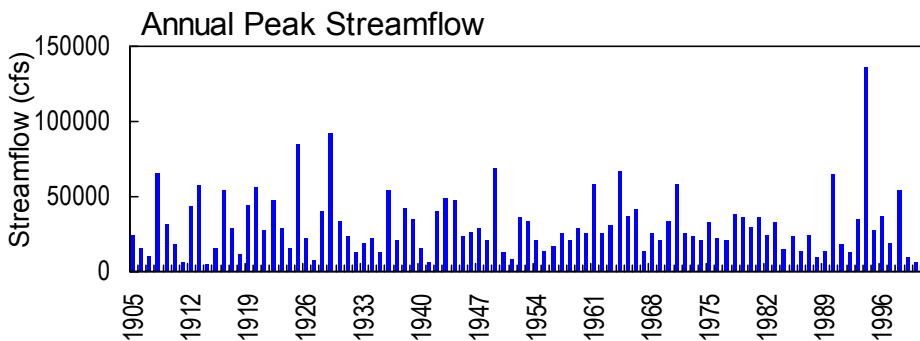
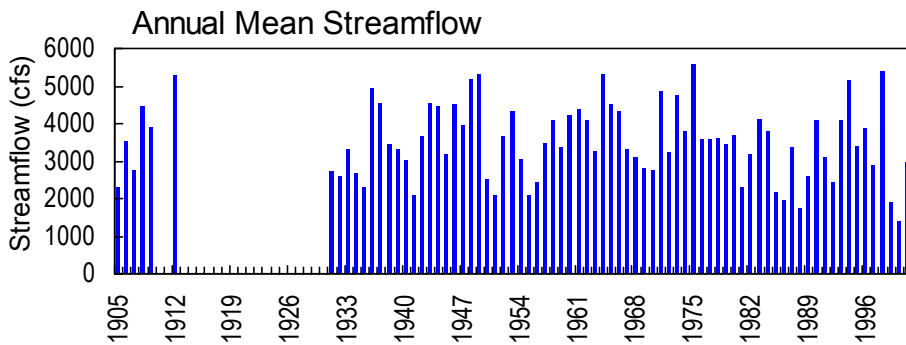
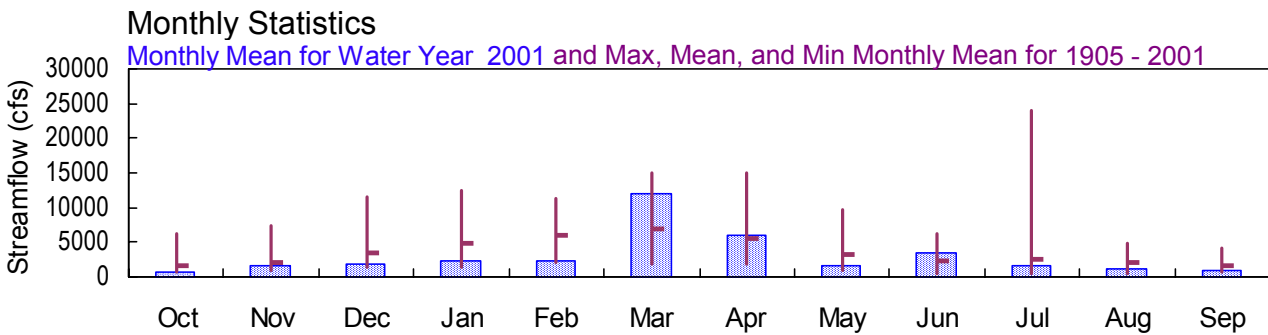
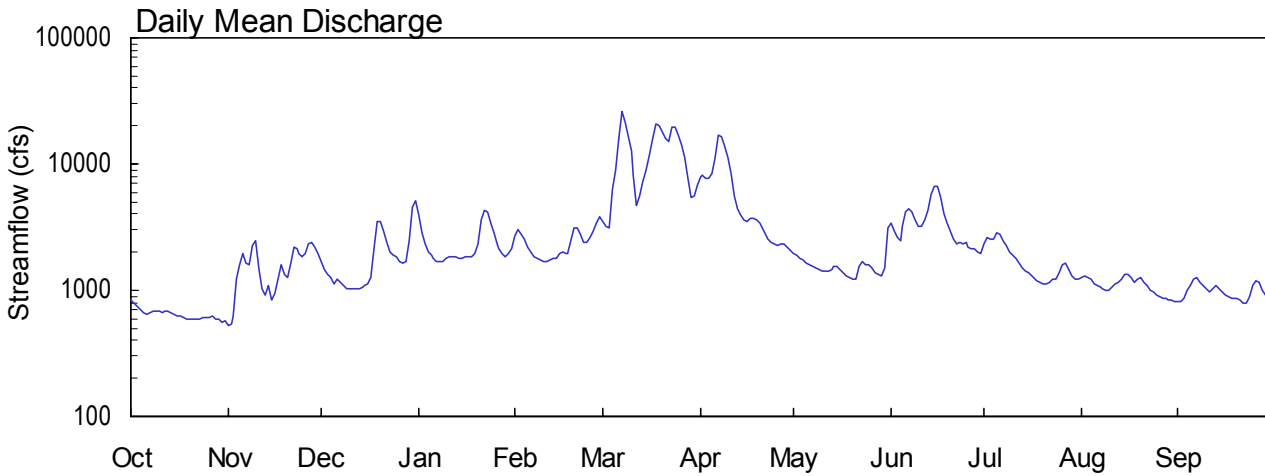


# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02349500 FLINT RIVER AT MONTEZUMA, GA

Latitude: 32° 17' 53" Longitude: 84° 02' 38" Hydrologic Unit Code: 03130006 Macon County  
Drainage Area: 2900 mi<sup>2</sup> Datum: 255.8 feet Period of Record: 1905 - 2001



USGS  
National Water Research Institute

02349500 - Flint River at Montezuma, GA

**APALACHICOLA RIVER BASIN**  
**2001 Water Year**

**02349500 FLINT RIVER AT MONTEZUMA, GA**

**LOCATION.**--Lat 32°17'53", long 84°02'38", 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<sup>2</sup>, 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 sea level. From January 1905 to December 1909, and from January 1911 to December 1912, a non-recording gage was located at a site 1.5 mile 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 good, except for estimated daily discharges, which are fair. Records include flow of Buck Creek. 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<sup>3</sup>/s, determined from rating curve extended above 10,000 ft<sup>3</sup>/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<sup>3</sup>/s, determined from a rating curve extended above 65,000 ft<sup>3</sup>/s (from National Weather Service).

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 13,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 7	1000	26,500*	18.85*
Mar. 18	1800	21,200	17.13
Mar. 23	1900	20,500	16.87
Apr. 7	1715	17,700	15.73

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level. From January 1905 to December 1909, and from January 1911 to December 1912, a non-recording gage was located at a site 1.5 mile 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 good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded 18.85 feet, March 7; minimum gage-height recorded, 0.33 feet, October 15.

STATION NUMBER 02349500 FLINT RIVER AT MONTEZUMA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321753 LONGITUDE 0840238 DRAINAGE AREA 2900.00 DATUM 255.83 STATE 13 COUNTY 193

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	833	e533	1690	3890	2700	3520	7810	1980	3400	2320	1250	818
2	795	e544	1470	2860	3000	3210	8250	1890	2940	2640	1290	823
3	747	e630	1350	2320	2800	3160	7800	1810	2600	2550	1280	864
4	700	e1230	1250	2040	2510	6220	7710	1720	2470	2550	1210	993
5	667	e1590	1120	1880	2190	9020	8370	1650	3190	2830	1140	1090
6	653	e1940	1210	1780	1990	16000	11300	1600	4190	2760	1090	1230
7	672	e1660	1150	1710	1870	25800	17000	1550	4450	2450	1060	1260
8	690	e1600	1100	1680	1790	21600	16500	1500	4190	2240	1030	1150
9	691	e2240	1040	1690	1730	16600	13600	1460	3600	2030	1010	1080
10	677	e2500	1030	1800	1700	12600	11200	1430	3170	1890	1010	1020
11	667	e1520	1040	1870	1690	8040	8500	1410	3220	1770	1050	974
12	684	e1020	1040	1860	1720	4720	5650	1400	3590	1620	1120	1030
13	693	e920	1040	1840	1780	5510	4480	1450	4310	1510	1160	1100
14	664	e1090	1060	1800	1810	7170	3950	1570	5690	1420	1220	1040
15	637	e845	1080	1780	1970	8960	3650	1550	6600	1360	1340	980
16	e630	e952	1120	1840	2040	11700	3540	1450	6590	1300	1330	917
17	e619	e1230	1250	1870	1970	15600	3690	1370	5380	1240	1260	884
18	e609	e1610	2130	1870	1950	20600	3750	1300	4040	1190	1150	872
19	e598	e1330	3520	1930	2470	19900	3620	1250	3380	1150	1210	857
20	e587	1280	3550	2360	3150	17900	3390	1220	2980	1120	1250	861
21	e598	1630	2950	3620	3100	16000	3030	1210	2510	1120	1160	837
22	e598	2170	2400	4310	2780	15200	2720	1560	2360	1170	1080	798
23	e598	2160	2040	4160	2430	19500	2550	1710	2400	1210	1010	793
24	e609	1950	1910	3450	2420	19400	2420	1590	2360	1220	963	891
25	e609	1860	1820	2820	2590	16800	2320	1580	2380	1380	925	1080
26	e609	1950	1710	2360	2940	14000	2270	1500	2170	1610	893	1190
27	e619	2360	1620	2120	3450	11200	2340	1390	2150	1640	874	1150
28	e598	2410	1710	1970	3830	7600	2310	1340	2140	1440	857	1010
29	e593	2170	2460	1870	---	5380	2220	1300	1990	1290	840	922
30	e566	1940	4570	1930	---	5640	2090	1510	1980	1220	829	871
31	e576	---	5060	2160	---	6830	---	3110	---	1210	822	---
TOTAL	20086	46864	57490	71440	66370	375380	178030	48360	102420	52450	33713	29385
MEAN	648	1562	1855	2305	2370	12110	5934	1560	3414	1692	1088	980
MAX	833	2500	5060	4310	3830	25800	17000	3110	6600	2830	1340	1260
MIN	566	533	1030	1680	1690	3160	2090	1210	1980	1120	822	793
CFSM	.22	.54	.64	.79	.82	4.18	2.05	.54	1.18	.58	.38	.34
IN.	.26	.60	.74	.92	.85	4.82	2.28	.62	1.31	.67	.43	.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1905 - 2001, BY WATER YEAR (WY)

MEAN	1692	2108	3555	4818	5918	6812	5518	3234	2354	2571	2053	1543
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	1306	1443	1962	1953	1736	840	509	477	506	672
(WY)	1955	1932	1934	1956	1989	1911	1986	2000	2000	2000	2000	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1905 - 2001

ANNUAL TOTAL		530583		1081988								
ANNUAL MEAN		1450		2964						3525		
HIGHEST ANNUAL MEAN										5593		1975
LOWEST ANNUAL MEAN										1418		2000
HIGHEST DAILY MEAN		6630	Mar 24	25800	Mar 7	130000	Jul 7 1994					
LOWEST DAILY MEAN		408	Aug 26	533	Nov 1	408	Aug 26 2000					
ANNUAL SEVEN-DAY MINIMUM		416	Aug 14	576	Oct 27	416	Aug 14 2000					
MAXIMUM PEAK FLOW				26500	Mar 7	136000	Jul 8 1994					
MAXIMUM PEAK STAGE				18.85	Mar 7	34.11	Jul 8 1994					
INSTANTANEOUS LOW FLOW						397	Aug 26 2000					
ANNUAL RUNOFF (CFSM)		.50		1.02			1.22					
ANNUAL RUNOFF (INCHES)		6.81		13.88			16.52					
10 PERCENT EXCEEDS		2900		6370		7020						
50 PERCENT EXCEEDS		1100		1720		2330						
90 PERCENT EXCEEDS		458		820		1040						

STATISTICS COMPUTED BY: rnichols

DATE: 02/13/2002 AT: 10:04:52

e Estimated

STATION NUMBER 02349500 FLINT RIVER AT MONTEZUMA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321753 LONGITUDE 0840238 DRAINAGE AREA 2900.00 DATUM 255.83 STATE 13 COUNTY 193

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	.86	---	2.62	5.95	4.29	5.48	10.04	3.65	5.52	3.70	1.73	.73
2	.77	---	2.21	4.53	4.74	5.05	10.41	3.51	4.93	4.21	1.82	.74
3	.65	---	2.00	3.71	4.46	4.97	10.04	3.39	4.45	4.06	1.80	.85
4	.53	---	1.79	3.23	4.00	8.55	9.97	3.25	4.25	4.08	1.64	1.16
5	.44	---	1.52	2.95	3.49	10.99	10.50	3.14	5.19	4.50	1.50	1.38
6	.40	---	1.70	2.78	3.15	14.79	12.53	3.05	6.40	4.39	1.39	1.69
7	.45	---	1.58	2.65	2.94	18.62	15.39	2.97	6.69	3.92	1.31	1.76
8	.50	---	1.47	2.59	2.79	17.23	15.14	2.89	6.39	3.57	1.25	1.52
9	.50	---	1.34	2.61	2.68	15.19	13.86	2.82	5.66	3.22	1.20	1.37
10	.47	---	1.31	2.80	2.63	13.33	12.50	2.76	5.09	2.97	1.20	1.23
11	.44	---	1.34	2.94	2.61	10.15	10.58	2.72	5.14	2.75	1.29	1.11
12	.49	---	1.35	2.93	2.66	7.00	8.02	2.70	5.61	2.48	1.46	1.25
13	.51	---	1.34	2.89	2.78	7.88	6.74	2.80	6.51	2.26	1.54	1.42
14	.43	---	1.37	2.82	2.84	9.50	6.17	3.01	8.08	2.09	1.68	1.28
15	.36	---	1.42	2.78	3.12	10.95	5.83	2.98	9.00	1.97	1.93	1.13
16	---	---	1.51	2.88	3.24	12.85	5.71	2.80	8.99	1.84	1.91	.98
17	---	---	1.78	2.94	3.12	14.78	5.87	2.64	7.74	1.71	1.75	.90
18	---	---	3.35	2.93	3.07	16.91	5.95	2.49	6.15	1.61	1.52	.87
19	---	---	5.46	3.05	3.93	16.66	5.80	2.38	5.28	1.53	1.65	.83
20	---	1.84	5.52	3.75	4.97	15.81	5.52	2.31	4.72	1.46	1.74	.84
21	---	2.51	4.67	5.59	4.89	14.94	5.08	2.30	4.00	1.46	1.53	.78
22	---	3.45	3.83	6.49	4.42	14.58	4.69	2.97	3.77	1.56	1.36	.68
23	---	3.45	3.23	6.31	3.89	16.49	4.46	3.24	3.84	1.66	1.21	.67
24	---	3.08	3.00	5.38	3.87	16.46	4.29	3.04	3.77	1.66	1.09	.91
25	---	2.92	2.84	4.48	4.12	15.30	4.15	3.02	3.80	2.00	1.00	1.36
26	---	3.08	2.66	3.77	4.65	14.02	4.08	2.88	3.46	2.45	.92	1.61
27	---	3.77	2.49	3.37	5.38	12.50	4.18	2.68	3.43	2.51	.87	1.52
28	---	3.84	2.64	3.11	5.88	9.83	4.14	2.57	3.40	2.13	.83	1.21
29	---	3.45	3.91	2.94	---	7.75	4.00	2.49	3.15	1.82	.79	.99
30	---	3.06	6.80	3.05	---	8.04	3.82	2.85	3.12	1.67	.76	.86
31	---	---	7.39	3.43	---	9.20	---	5.16	---	1.66	.74	---
MEAN	---	---	2.76	3.60	3.74	12.12	7.65	2.95	5.25	2.55	1.37	1.12
MAX	---	---	7.39	6.49	5.88	18.62	15.39	5.16	9.00	4.50	1.93	1.76
MIN	---	---	1.31	2.59	2.61	4.97	3.82	2.30	3.12	1.46	.74	.67

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02349695 HORSEHEAD CREEK AT GA 224, NEAR MONTEZUMA, GA**

**LOCATION.**--Lat 32°21'28", long 83°56'11", Macon County, Hydrologic Unit 03130006, at culvert on GA Highway 224, 8.7 miles northeast of Montezuma.

**DRAINAGE AREA.**—0.72 mi<sup>2</sup>.

**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 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:** 6.96 feet, July 6, 1994

**DISCHARGE:** 200 ft<sup>3</sup>/s, July 6, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 1.97 feet, March 4

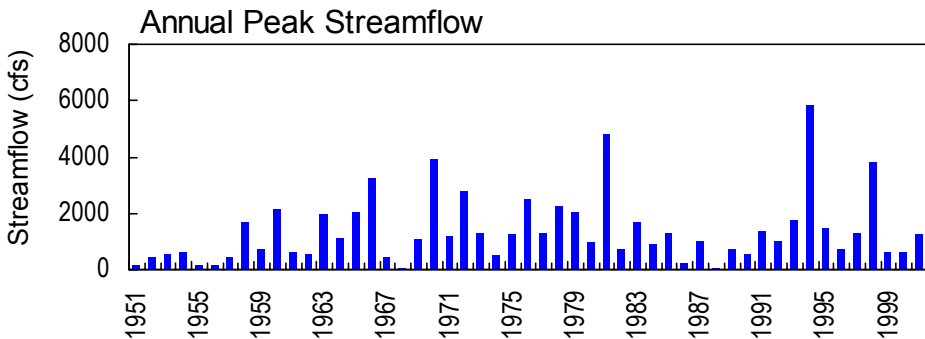
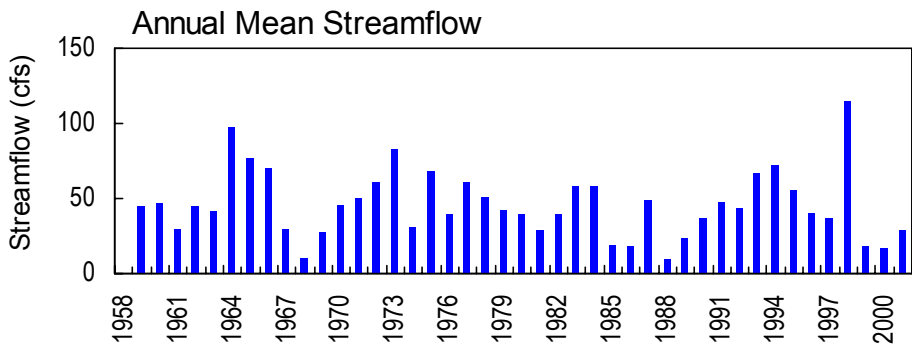
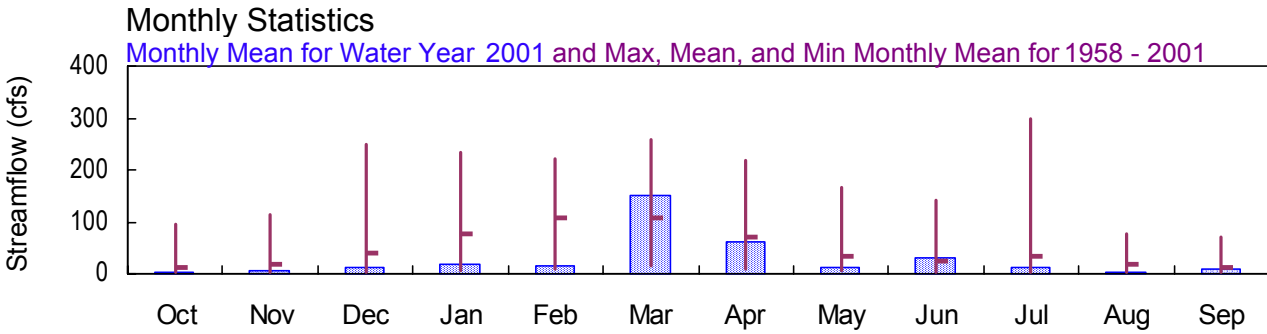
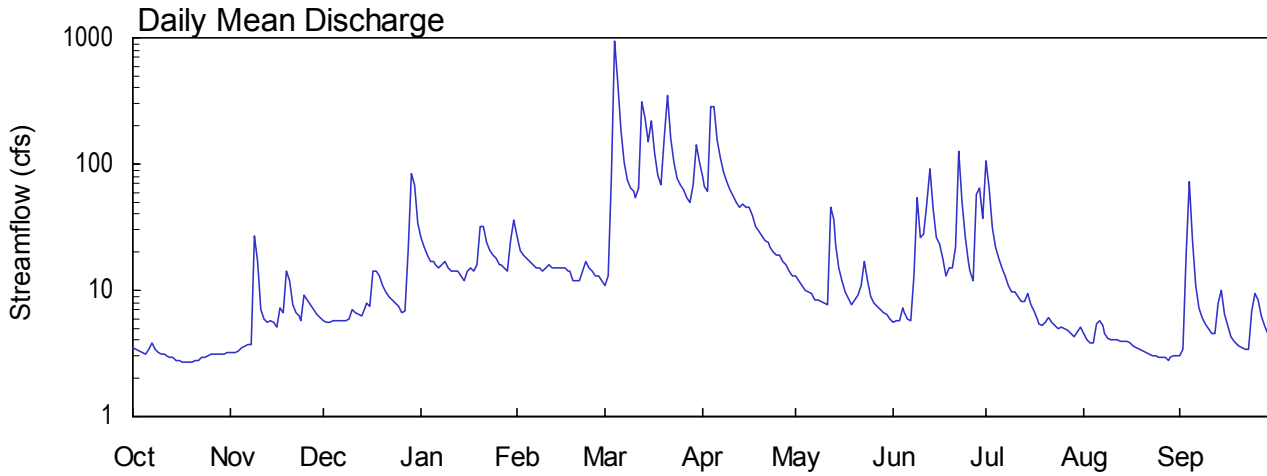
**DISCHARGE:** 29.0 ft<sup>3</sup>/s, March 4

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02349900 TURKEY CREEK AT BYROMVILLE, GA

Latitude: 32° 11' 44" Longitude: 83° 54' 03" Hydrologic Unit Code: 03130006 Dooly County  
 Drainage Area: 45 mi<sup>2</sup> Datum: 286 feet Period of Record: 1958 - 2001



02349900 - Turkey Creek at Byromville, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02349900 TURKEY CREEK AT BYROMVILLE, GA**

**LOCATION.**--Lat 32°11'44", long 83°54'03", Dooly County, Hydrologic Unit 03130006, on downstream side of bridge pier on GA Highway 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<sup>2</sup>, 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 feet above sea level (from topographic map). Prior to June 19, 1958, a crest-stage gage was located at a site 50 feet upstream at same datum.

**REMARKS.**--Records fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 400 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	1430	1,250*	11.15
Mar. 13	1715	454	9.54
Mar. 21	0515	466	9.58
Apr. 4	2115	489	9.65

**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 feet above sea level (from topographic map). Prior to June 19, 1958, a crest-stage gage was located at a site 50 feet upstream at same datum.

**REMARKS.**—Records fair.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 11.15 feet, March 4; minimum gage-height recorded, 4.75 feet, August 24-29.



STATION NUMBER 02349900 TURKEY CREEK AT BYROMVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321144 LONGITUDE 0835403 DRAINAGE AREA 45.00 DATUM 286.00 STATE 13 COUNTY 093

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	3.5	3.2	5.8	26	27	11	80	13	5.6	105	4.5	3.0
2	3.4	3.2	5.6	22	21	13	66	12	5.7	64	4.0	3.4
3	3.3	3.2	5.6	19	19	80	61	11	5.8	31	3.8	19
4	3.2	3.3	5.8	17	18	936	289	10	7.2	22	3.8	72
5	3.1	3.5	5.8	17	17	445	286	9.7	6.6	18	5.4	25
6	3.4	3.6	5.8	16	16	182	157	9.3	5.9	15	5.7	11
7	3.8	3.7	5.7	15	15	102	112	8.5	5.8	13	5.3	7.3
8	3.4	3.7	5.7	16	15	75	87	8.3	13	11	4.5	6.1
9	3.2	e27	6.0	17	14	64	72	8.2	54	9.7	4.2	5.5
10	3.1	17	7.1	15	15	61	63	8.0	26	9.7	4.0	4.9
11	3.1	7.1	6.6	14	16	55	56	7.7	28	8.9	4.0	4.5
12	3.0	5.9	6.5	14	15	64	49	46	48	8.1	4.1	4.6
13	2.9	5.6	6.3	14	15	315	46	36	92	8.2	3.9	7.9
14	2.9	5.7	7.3	13	15	230	48	23	44	9.4	3.9	10
15	2.8	5.6	7.9	12	15	151	45	15	26	7.7	3.9	6.5
16	2.8	5.1	7.5	14	15	219	46	12	23	6.8	3.8	5.2
17	2.7	7.3	14	15	14	121	39	9.6	18	6.0	3.6	4.3
18	2.7	6.6	14	14	14	82	32	8.6	13	5.5	3.5	3.9
19	2.7	14	13	16	12	69	29	7.7	15	5.3	3.4	3.7
20	2.7	12	11	32	12	158	27	8.4	15	5.6	3.3	3.6
21	2.8	7.7	9.7	32	12	347	25	9.2	22	6.1	3.2	3.5
22	2.8	6.6	9.0	24	14	159	24	11	126	5.6	3.1	3.4
23	2.9	6.2	8.3	21	17	102	22	17	51	5.3	3.0	3.4
24	2.9	5.8	7.9	19	15	78	20	12	27	5.0	3.0	6.9
25	3.0	9.1	7.5	18	14	69	19	9.0	17	5.1	2.9	9.4
26	3.1	8.3	6.6	16	13	62	19	8.0	14	5.0	2.9	8.3
27	3.1	7.8	6.8	16	13	54	17	7.5	12	4.8	2.9	6.3
28	3.1	7.0	21	15	12	49	16	7.0	58	4.6	2.8	5.2
29	3.1	6.4	84	14	---	68	14	6.7	65	4.3	2.9	4.5
30	3.1	6.1	68	25	---	143	13	6.4	37	4.7	3.0	4.1
31	3.2	---	34	36	---	103	---	5.9	---	5.1	3.0	---
TOTAL	94.8	217.3	415.8	574	430	4667	1879	371.7	886.6	425.5	115.3	266.4
MEAN	3.06	7.24	13.4	18.5	15.4	151	62.6	12.0	29.6	13.7	3.72	8.88
MAX	3.8	27	84	36	27	936	289	46	126	105	5.7	72
MIN	2.7	3.2	5.6	12	12	11	13	5.9	5.6	4.3	2.8	3.0
CFSM	.07	.16	.30	.41	.34	3.35	1.39	.27	.66	.31	.08	.20
IN.	.08	.18	.34	.47	.36	3.86	1.55	.31	.73	.35	.10	.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2001, BY WATER YEAR (WY)

	1995	1998	1998	1989	1989	1989	1989	1988	1988	1988	1988	1990
MEAN	12.1	18.0	39.5	76.2	108	107	70.0	33.0	26.0	34.7	19.8	11.0
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	5.45	3.69	2.62	3.05	2.86
(WY)	2001	1989	1989	1989	1989	1989	1968	1988	1988	1988	2000	1990

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1958 - 2001

ANNUAL TOTAL		5836.2				10343.4						
ANNUAL MEAN		15.9				28.3				45.9		
HIGHEST ANNUAL MEAN										115		1998
LOWEST ANNUAL MEAN										9.87		1988
HIGHEST DAILY MEAN	502	Mar 31				936	Mar 4			3900	Jul 6	1994
LOWEST DAILY MEAN	2.7	Oct 17				2.7	Oct 17			2.0	Oct 5	1968
ANNUAL SEVEN-DAY MINIMUM	2.7	Oct 15				2.7	Oct 15			2.1	Jul 10	1986
MAXIMUM PEAK FLOW						1250	Mar 4			5820	Jul 6	1994
MAXIMUM PEAK STAGE						11.15	Mar 4			14.29	Jul 6	1994
INSTANTANEOUS LOW FLOW										1.9	Oct 5	1968
ANNUAL RUNOFF (CFSM)		.35				.63				1.02		
ANNUAL RUNOFF (INCHES)		4.82				8.55				13.87		
10 PERCENT EXCEEDS	32					65				108		
50 PERCENT EXCEEDS	5.9					9.7				15		
90 PERCENT EXCEEDS	3.0					3.2				4.6		

STATISTICS COMPUTED BY: jjgraham

DATE: 02/26/2002 AT: 10:07:44

e Estimated

STATION NUMBER 02349900 TURKEY CREEK AT BYROMVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 321144 LONGITUDE 0835403 DRAINAGE AREA 45.00 DATUM 286.00 STATE 13 COUNTY 093

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

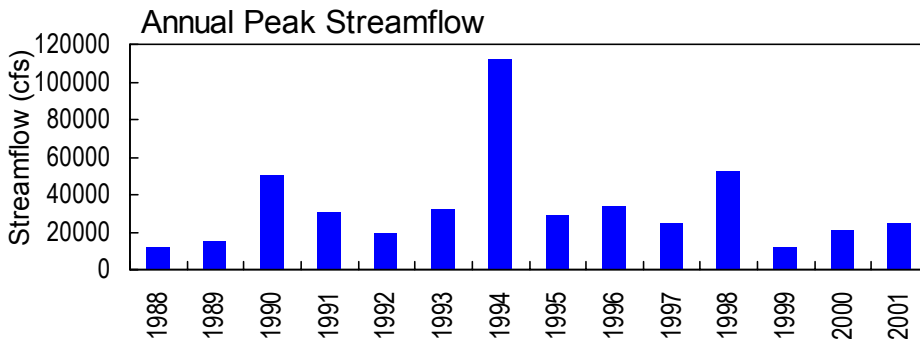
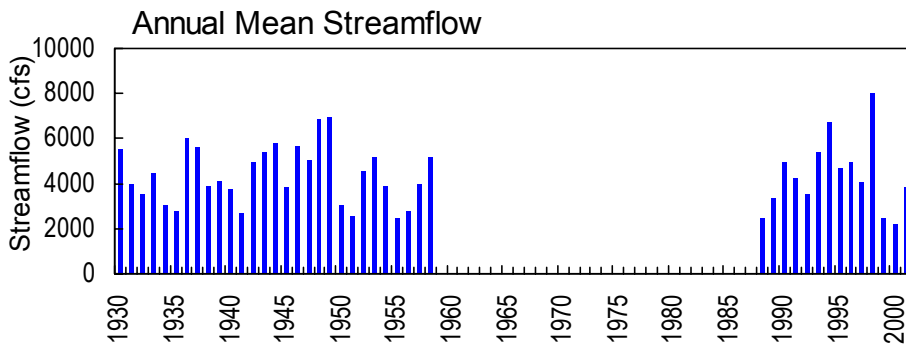
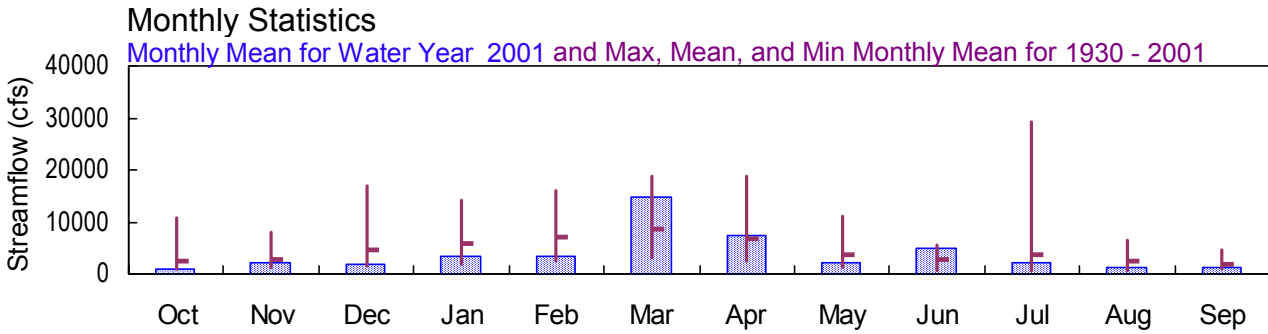
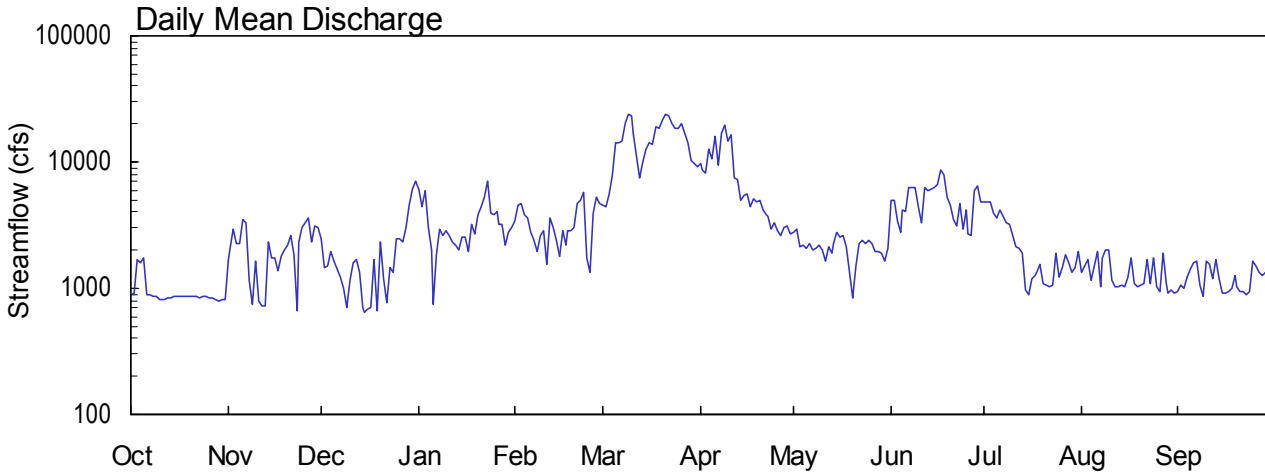
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.86	4.83	5.05	6.08	6.14	5.47	7.34	5.49	5.04	7.53	4.90	4.77
2	4.85	4.83	5.04	5.95	5.93	5.53	7.05	5.45	5.04	6.89	4.87	4.80
3	4.84	4.83	5.04	5.84	5.83	7.05	6.91	5.41	5.05	6.19	4.85	5.47
4	4.83	4.84	5.05	5.76	5.77	10.63	8.76	5.38	5.16	5.89	4.84	7.06
5	4.82	4.85	5.05	5.73	5.74	9.47	8.83	5.34	5.12	5.71	4.98	5.93
6	4.85	4.86	5.05	5.71	5.70	8.42	8.05	5.32	5.06	5.58	5.01	5.39
7	4.89	4.88	5.04	5.64	5.67	7.77	7.62	5.27	5.05	5.50	4.97	5.13
8	4.84	4.88	5.05	5.70	5.64	7.39	7.32	5.25	5.41	5.38	4.91	5.04
9	4.82	---	5.07	5.74	5.61	7.16	7.09	5.24	6.72	5.30	4.88	4.99
10	4.82	5.66	5.15	5.65	5.66	7.09	6.92	5.23	6.01	5.30	4.87	4.94
11	4.82	5.15	5.12	5.60	5.69	6.95	6.78	5.20	6.08	5.26	4.87	4.91
12	4.81	5.06	5.11	5.61	5.63	7.11	6.64	6.50	6.57	5.19	4.88	4.92
13	4.80	5.03	5.09	5.59	5.63	9.00	6.56	6.33	7.37	5.20	4.86	5.15
14	4.80	5.05	5.17	5.55	5.67	8.66	6.62	5.92	6.51	5.28	4.86	5.33
15	4.79	5.03	5.22	5.52	5.66	8.23	6.55	5.62	6.02	5.17	4.86	5.07
16	4.79	5.00	5.19	5.60	5.64	8.63	6.57	5.44	5.92	5.10	4.84	4.97
17	4.78	5.17	5.54	5.65	5.61	7.97	6.40	5.34	5.74	5.03	4.83	4.89
18	4.78	5.11	5.59	5.61	5.58	7.52	6.22	5.28	5.51	4.99	4.82	4.86
19	4.78	5.51	5.52	5.70	5.52	7.26	6.14	5.21	5.59	4.98	4.80	4.84
20	4.78	5.48	5.42	6.31	5.49	8.12	6.08	5.26	5.63	5.00	4.79	4.83
21	4.79	5.20	5.34	6.33	5.51	9.16	6.02	5.32	5.71	5.03	4.79	4.82
22	4.79	5.11	5.31	6.03	5.60	8.28	5.96	5.40	7.74	5.00	4.77	4.81
23	4.80	5.08	5.25	5.89	5.73	7.78	5.91	5.71	6.66	4.97	4.77	4.80
24	4.80	5.06	5.22	5.82	5.65	7.44	5.81	5.48	6.06	4.95	4.77	5.08
25	4.81	5.30	5.19	5.76	5.59	7.26	5.79	5.30	5.71	4.96	4.76	5.28
26	4.81	5.25	5.12	5.70	5.55	7.11	5.77	5.22	5.55	4.95	4.76	5.21
27	4.81	5.21	5.13	5.68	5.53	6.92	5.71	5.18	5.48	4.94	4.76	5.05
28	4.82	5.15	5.72	5.65	5.48	6.79	5.65	5.15	6.70	4.92	4.75	4.97
29	4.81	5.10	7.26	5.62	---	7.18	5.58	5.12	6.89	4.89	4.76	4.91
30	4.82	5.08	6.97	6.07	---	8.12	5.53	5.10	6.34	4.92	4.77	4.87
31	4.82	---	6.31	6.44	---	7.68	---	5.06	---	4.96	4.77	---
MEAN	4.81	---	5.37	5.79	5.66	7.71	6.61	5.40	5.91	5.32	4.84	5.10
MAX	4.89	---	7.26	6.44	6.14	10.63	8.83	6.50	7.74	7.53	5.01	7.06
MIN	4.78	---	5.04	5.52	5.48	5.47	5.53	5.06	5.04	4.89	4.75	4.77

# APALACHICOLA RIVER BASIN

## 2001 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: 3880 mi<sup>2</sup> Datum: 185.9 feet Period of Record: 1930 - 2001



02350512 Flint River at S.R. 32 near Oakfield, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA**

**LOCATION.**--Lat 31°43'30", long 84°01'07", Worth-Lee County line. Hydrologic Unit 03130006, on downstream end of pier of bridge on GA Highway 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<sup>2</sup>, 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 sea level (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<sup>3</sup>/s. Flood in March 1929 reached a stage of 34.0 feet, from flood marks, 85,000 ft<sup>3</sup>/s.

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (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, 17.39 feet, March 10; Minimum gage-height recorded, 2.46 feet, May 11.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 3, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 314330 LONGITUDE 0840107 DRAINAGE AREA 3880.00 DATUM STATE 13 COUNTY 321

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	911	1700	2480	6050	3360	4530	9840	2810	5010	4810	1350	937
2	881	2460	1460	4400	4590	4420	8540	2940	4990	4860	1490	1070
3	1670	2940	1520	5910	4690	5600	8070	2120	3410	4790	1680	1010
4	1580	2260	1960	3010	3820	7980	12500	2180	2760	3890	1170	e1210
5	1720	2290	1660	2030	3630	14100	10700	2100	4150	3590	1490	e1410
6	895	3480	1430	740	2800	14100	15900	2240	4080	4190	1940	1580
7	879	3340	1210	1820	2380	14400	9560	1990	6230	3680	1030	1640
8	859	1150	1010	2950	1980	19900	17000	2060	6200	3330	1750	1060
9	856	743	698	2650	2630	24200	19800	2210	6290	3210	2030	872
10	822	1650	1160	2890	2880	23100	14600	2020	4460	2640	2020	1660
11	821	784	1590	2590	1530	17000	16200	1650	3260	2160	1160	1560
12	820	718	1710	2340	3570	11100	7540	2160	6190	2070	1020	1180
13	832	719	1320	2210	3040	7490	7180	1920	5940	1900	1040	1670
14	842	2310	708	2020	2380	9890	5000	2270	6030	971	1060	1180
15	857	1730	643	2520	1770	12600	5490	2740	6260	888	1030	929
16	866	1750	675	2570	2820	14100	5580	2520	6730	1190	1210	925
17	864	1360	709	1960	2190	13800	4410	2610	8710	1280	1720	931
18	862	1810	1670	3200	2840	18800	5070	2150	7910	1350	1080	996
19	864	1990	672	2730	2870	18300	4890	1320	5310	1560	1020	1280
20	860	2170	2360	3810	3050	21500	4910	840	4600	1090	1060	1040
21	857	2600	1200	4390	4740	24200	4120	1510	3480	1060	1100	935
22	856	1870	777	5260	4990	23400	3800	2250	3140	1030	1710	954
23	850	672	1480	6980	5760	20100	3660	2420	4720	1060	1080	902
24	855	2320	1330	3910	1740	18600	2940	2240	2970	1900	1730	946
25	854	3050	2470	3780	1350	18500	3340	2410	4120	1220	1020	1620
26	847	3280	2500	4080	3950	20200	2890	2280	2710	1450	934	1520
27	831	3610	2360	3190	5340	17000	2610	1980	2580	e1860	1920	1330
28	810	2340	3060	3190	4650	14200	3040	1960	5910	1590	1090	1250
29	803	3080	4520	2190	---	10400	3140	1880	6530	1340	904	1350
30	805	3040	6160	2770	---	9680	2720	1660	4820	1440	967	1090
31	806	---	7100	3000	---	9080	---	2100	---	1980	927	---
TOTAL	28735	63216	59602	101140	91340	462270	225040	65540	149500	69379	40732	36037
MEAN	927	2107	1923	3263	3262	14910	7501	2114	4983	2238	1314	1201
MAX	1720	3610	7100	6980	5760	24200	19800	2940	8710	4860	2030	1670
MIN	803	672	643	740	1350	4420	2610	840	2580	888	904	872
CFSM	.24	.54	.50	.84	.84	3.84	1.93	.54	1.28	.58	.34	.31
IN.	.28	.61	.57	.97	.88	4.43	2.16	.63	1.43	.67	.39	.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2001, BY WATER YEAR (WY)

MEAN	2374	2765	4516	5967	7003	8598	6727	3804	2743	3574	2494	1981
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	858	1105	1561	1705	2524	3048	2559	1189	697	688	683	831
(WY)	1956	1934	1999	1956	1989	1955	1999	2000	2000	2000	1988	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1930 - 2001

ANNUAL TOTAL		803425		1392531								
ANNUAL MEAN		2195		3815						4382		
HIGHEST ANNUAL MEAN										8013		1998
LOWEST ANNUAL MEAN										2211		2000
HIGHEST DAILY MEAN			15300	Mar 31		24200	Mar 9		109000	Jul 10	1994	
LOWEST DAILY MEAN			574	Jul 11		643	Dec 15		152	Jun 8	1941	
ANNUAL SEVEN-DAY MINIMUM			631	Jul 7		822	Oct 25		589	Nov 20	1933	
MAXIMUM PEAK FLOW						24900	Mar 10		112000	Jul 10	1994	
MAXIMUM PEAK STAGE						17.39	Mar 10		40.10	Jul 10	1994	
ANNUAL RUNOFF (CFSM)			.57			.98			1.13			
ANNUAL RUNOFF (INCHES)			7.70			13.35			15.34			
10 PERCENT EXCEEDS			5060			8610			8800			
50 PERCENT EXCEEDS			1460			2240			3000			
90 PERCENT EXCEEDS			671			864			1120			

STATISTICS COMPUTED BY: rnichols

DATE: 03/07/2002 AT: 10:44:22

e Estimated

STATION NUMBER 02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 314330 LONGITUDE 0840107 DRAINAGE AREA 3880.00 DATUM STATE 13 COUNTY 321

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	2.66	3.59	4.52	7.21	5.24	6.10	9.69	4.51	6.50	6.16	3.18	2.70
2	2.63	4.33	3.49	6.00	6.20	6.01	8.88	4.63	6.48	6.19	3.34	2.86
3	3.44	4.74	3.56	7.15	6.24	6.92	8.59	3.93	5.06	6.15	3.52	2.80
4	3.38	4.10	3.96	4.95	5.58	8.52	11.16	4.00	4.49	5.41	2.98	---
5	3.49	4.14	3.68	4.07	5.46	12.11	10.12	3.91	5.73	5.10	3.31	---
6	2.65	5.23	3.48	2.80	4.81	12.13	13.04	4.06	5.64	5.65	3.79	3.39
7	2.63	5.12	3.32	3.80	4.41	12.26	9.46	3.80	7.38	5.22	2.82	3.42
8	2.60	3.11	3.09	4.83	4.00	15.05	13.62	3.88	7.36	4.94	3.54	2.84
9	2.60	2.63	2.74	4.63	4.65	17.08	15.03	4.05	7.42	4.81	3.81	2.62
10	2.55	3.57	3.24	4.89	4.81	16.61	12.29	3.78	5.93	4.36	3.80	3.44
11	2.55	2.69	3.70	4.61	3.58	13.59	13.17	3.44	4.86	3.90	2.97	3.38
12	2.55	2.61	3.84	4.40	5.40	10.36	8.24	3.97	7.35	3.82	2.80	2.97
13	2.57	2.62	3.38	4.30	4.99	8.22	8.01	3.73	7.18	3.67	2.83	3.46
14	2.59	4.27	2.75	4.11	4.44	9.71	6.42	4.05	7.24	2.74	2.85	2.97
15	2.61	3.76	2.67	4.56	3.82	11.27	6.82	4.51	7.40	2.64	2.82	2.69
16	2.63	3.77	2.71	4.59	4.78	12.09	6.90	4.29	7.72	2.97	3.03	2.69
17	2.64	3.33	2.76	4.05	4.24	11.93	5.90	4.38	9.01	3.09	3.52	2.69
18	2.64	3.74	3.71	4.96	4.81	14.55	6.47	3.94	8.47	3.17	2.87	2.77
19	2.65	3.99	2.71	4.65	4.85	14.30	6.33	3.14	6.54	3.38	2.80	3.08
20	2.65	4.18	4.28	5.55	4.97	15.84	6.35	2.57	5.97	2.89	2.85	2.81
21	2.65	4.56	3.30	5.93	6.29	17.12	5.67	3.26	5.02	2.86	2.90	2.70
22	2.66	3.84	2.84	6.65	6.46	16.71	5.39	4.02	4.73	2.81	3.56	2.72
23	2.66	2.62	3.58	7.89	6.98	15.17	5.35	4.18	6.11	2.86	2.88	2.66
24	2.67	4.27	3.43	5.66	3.80	14.43	4.63	4.01	4.59	3.67	3.51	2.71
25	2.67	4.92	4.48	5.58	3.45	14.39	4.97	4.15	5.60	3.03	2.80	3.40
26	2.67	5.14	4.54	5.81	5.69	15.21	4.58	4.07	4.40	3.25	2.70	3.34
27	2.66	5.38	4.43	5.00	6.66	13.60	4.32	3.79	4.28	---	3.68	3.13
28	2.64	4.40	5.03	5.09	6.22	12.17	4.70	3.78	6.97	3.43	2.88	3.06
29	2.64	4.99	6.19	4.27	---	10.02	4.80	3.70	7.51	3.17	2.66	3.16
30	2.64	5.00	7.29	4.76	---	9.60	4.43	3.47	6.16	3.28	2.74	2.88
31	2.65	---	7.97	4.95	---	9.22	---	3.91	---	3.80	2.69	---
MEAN	2.71	4.02	3.89	5.09	5.10	12.33	7.84	3.90	6.30	---	3.11	---
MAX	3.49	5.38	7.97	7.89	6.98	17.12	15.03	4.63	9.01	---	3.81	---
MIN	2.55	2.61	2.67	2.80	3.45	6.01	4.32	2.57	4.28	---	2.66	---

STATION NUMBER 02350512 FLINT RIVER AT GA 32, NEAR OAKFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 314330 LONGITUDE 0840107 DRAINAGE AREA 3880.00 DATUM STATE 13 COUNTY 321

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	---	---	---	---	---	---	---	---	.27	.64	.00	1.89
2	---	---	---	---	---	---	---	---	.01	.85	.00	1.17
3	---	---	---	---	---	---	---	---	.00	.01	.00	.34
4	---	---	---	---	---	---	---	.00	.03	.00	.00	.42
5	---	---	---	---	---	---	---	.00	.01	.88	.14	.01
6	---	---	---	---	---	---	---	.00	.00	.01	.07	.00
7	---	---	---	---	---	---	---	.00	.03	.00	.56	.00
8	---	---	---	---	---	---	---	.00	.26	.00	.01	.00
9	---	---	---	---	---	---	---	.00	.25	.00	.00	.00
10	---	---	---	---	---	---	---	.00	.15	.00	.28	.34
11	---	---	---	---	---	---	---	.17	.69	.00	.56	.14
12	---	---	---	---	---	---	---	.46	1.13	.00	.24	.13
13	---	---	---	---	---	---	---	.00	.01	.02	.04	.00
14	---	---	---	---	---	---	---	.01	1.90	.00	1.05	.00
15	---	---	---	---	---	---	---	.00	.14	.00	.01	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.47	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	.00	.00	.00	.01	.00
20	---	---	---	---	---	---	---	.28	.00	.06	.01	.00
21	---	---	---	---	---	---	---	.00	.06	.00	.00	.00
22	---	---	---	---	---	---	---	.08	.53	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.01	.00	.06
24	---	---	---	---	---	---	---	.00	.00	1.09	.00	.63
25	---	---	---	---	---	---	---	.00	.00	.05	.00	.01
26	---	---	---	---	---	---	---	.00	.00	.01	.00	.00
27	---	---	---	---	---	---	---	.00	1.05	.00	.00	.01
28	---	---	---	---	---	---	---	.04	.03	.07	.10	.00
29	---	---	---	---	---	---	---	.00	.21	.00	.00	.00
30	---	---	---	---	---	---	---	.00	.27	1.03	.00	.00
31	---	---	---	---	---	---	---	1.74	---	.00	.17	---
TOTAL	---	---	---	---	---	---	---	---	7.03	4.73	3.72	5.15



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02350600 KINCHAFOONEE CREEK AT PRESTON, GA**

**LOCATION.**--Lat 32°03'09", long 84°32'54", Webster County, Hydrologic Unit 03130007, at bridge on GA Highway 41, 1.0 miles southwest of Preston, and 1.0 mile upstream from Harrell Mill Creek.

**DRAINAGE AREA.**--197 mi<sup>2</sup>.

**COOPERATION.**—National Weather Service; 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 843.5 feet above sea level (leveling by Global Positioning System equipment); gage readings have been reduced to gage-heights above sea level.

**REMARKS.**— Records good for the 2001 water year gage-height record with peak instantaneous stage and discharge for the 2000 water year, 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<sup>3</sup>/s, March 17, 1990.

**EXTREMES FOR CURRENT YEAR.**-- Maximum gage-height, 7.84 feet, March 5; maximum discharge, 3,530 ft<sup>3</sup>/s, March 5, 2001; minimum gage-height recorded, 0.90 feet, August 28-29.

STATION NUMBER 02350600 KINCHAFOONEE CREEK AT PRESTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320309 LONGITUDE 0843254 DRAINAGE AREA 197.00 DATUM 337.70 STATE 13 COUNTY 307

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	1.37	2.22	3.96	4.16	2.82	4.65	2.43	1.59	4.15	2.09	1.07
2	1.39	1.39	2.16	3.46	3.49	3.03	4.13	2.38	2.04	4.65	1.69	1.28
3	1.36	1.40	2.14	3.26	3.21	4.60	3.91	2.30	2.16	4.05	1.43	1.93
4	1.29	1.38	2.11	3.14	3.09	6.77	5.18	2.20	2.40	3.31	1.25	3.52
5	1.24	1.39	2.08	3.07	3.03	7.26	6.80	2.15	3.66	2.76	1.44	3.52
6	1.31	1.45	2.07	3.03	2.96	5.91	5.80	2.10	4.13	2.44	1.98	2.88
7	1.73	1.49	2.08	2.97	2.88	5.00	5.00	2.04	3.28	2.22	2.09	2.28
8	1.73	1.56	2.10	3.00	2.83	4.39	4.54	2.01	2.96	2.04	2.01	1.92
9	1.53	1.87	2.13	3.15	2.80	4.10	4.28	2.01	3.86	1.90	1.92	1.70
10	1.37	2.74	2.12	3.04	2.91	3.95	4.12	1.96	3.92	1.81	1.90	1.56
11	1.33	2.74	2.17	2.86	3.20	3.84	3.99	2.02	3.96	1.71	2.07	1.51
12	1.30	2.30	2.20	2.88	3.04	4.04	3.85	2.22	4.21	1.62	1.77	1.54
13	1.28	1.96	2.18	2.90	2.87	5.07	3.72	2.70	4.78	1.54	1.96	2.00
14	1.25	2.03	2.34	2.80	3.01	6.23	3.68	3.01	4.75	1.53	1.93	2.16
15	1.25	2.12	2.83	2.77	3.03	5.49	3.76	2.45	3.79	1.40	1.83	1.79
16	1.23	2.06	2.96	3.11	2.95	5.11	3.84	2.08	3.58	1.30	1.73	1.51
17	1.20	2.67	3.68	3.53	2.93	5.15	3.90	1.89	3.62	1.22	1.57	1.36
18	1.20	2.98	4.31	3.43	2.99	4.53	3.55	1.75	2.83	1.17	1.55	1.34
19	1.21	3.17	3.97	3.34	2.83	4.12	3.30	1.66	2.58	1.12	2.41	1.28
20	1.23	3.71	3.37	4.33	2.68	4.98	3.23	2.44	3.85	1.09	1.86	1.26
21	1.21	3.34	3.06	5.28	2.67	6.04	3.19	3.38	3.74	1.21	1.56	1.24
22	1.21	2.71	2.90	4.97	2.73	6.00	3.12	3.00	3.05	1.66	1.41	1.14
23	1.24	2.39	2.90	3.77	3.08	5.14	3.03	2.61	3.73	1.45	1.25	1.21
24	1.25	2.28	2.75	3.42	3.17	4.57	2.96	2.60	3.56	1.38	1.16	2.34
25	1.26	3.16	2.61	3.25	2.97	4.31	2.94	2.16	2.85	1.79	1.07	3.14
26	1.32	3.70	2.53	3.13	3.13	4.17	2.92	1.92	2.45	2.33	1.04	2.49
27	1.32	3.20	2.47	3.03	3.20	3.98	2.79	1.80	2.29	2.33	.98	1.98
28	1.32	2.67	3.72	2.98	2.97	3.83	2.67	1.76	3.56	1.95	.92	1.71
29	1.32	2.42	5.12	2.94	---	4.17	2.59	1.84	3.77	1.86	.91	1.55
30	1.33	2.30	5.68	3.56	---	4.88	2.50	1.81	3.35	1.64	.98	1.44
31	1.35	---	5.24	4.23	---	5.24	---	1.66	---	2.21	1.02	---
MEAN	1.32	2.33	2.91	3.37	3.03	4.80	3.80	2.20	3.34	2.03	1.57	1.86
MAX	1.73	3.71	5.68	5.28	4.16	7.26	6.80	3.38	4.78	4.65	2.41	3.52
MIN	1.20	1.37	2.07	2.77	2.67	2.82	2.50	1.66	1.59	1.09	.91	1.07

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02350685 CHOCTAHATCHEE CREEK TRIBUTARY AT US 280, NEAR PLAINS, GA**

**LOCATION.**--Lat 32°02'02", long 84°25'59", Sumter County, Hydrologic Unit 03130007, at culvert on US Highway 280, 2.4 miles west of Plains.

**DRAINAGE AREA.**—0.32 mi<sup>2</sup>.

**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 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:** 9.25 feet, July 6, 1994

**DISCHARGE:** 625 ft<sup>3</sup>/s, July 6, 1994

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 3.81 feet, June 28

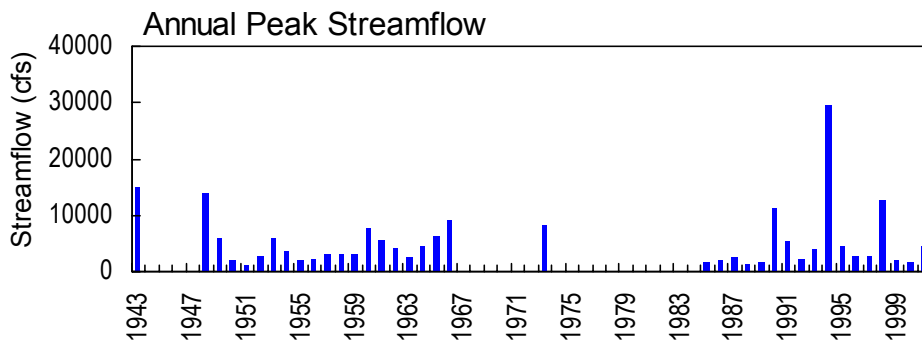
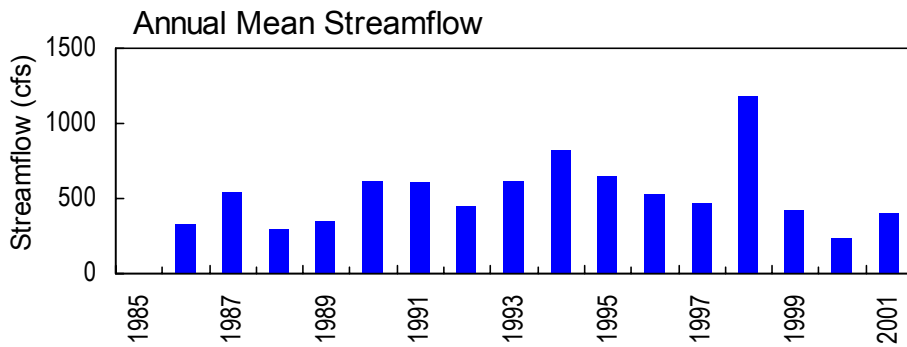
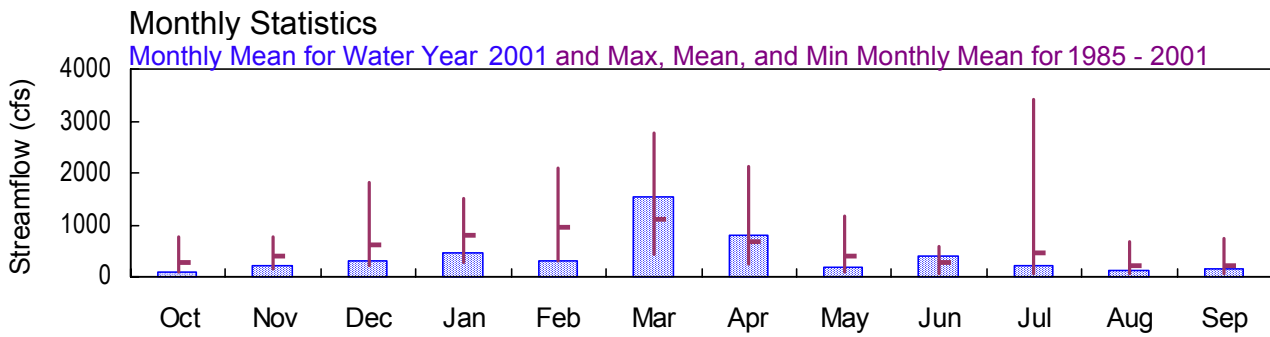
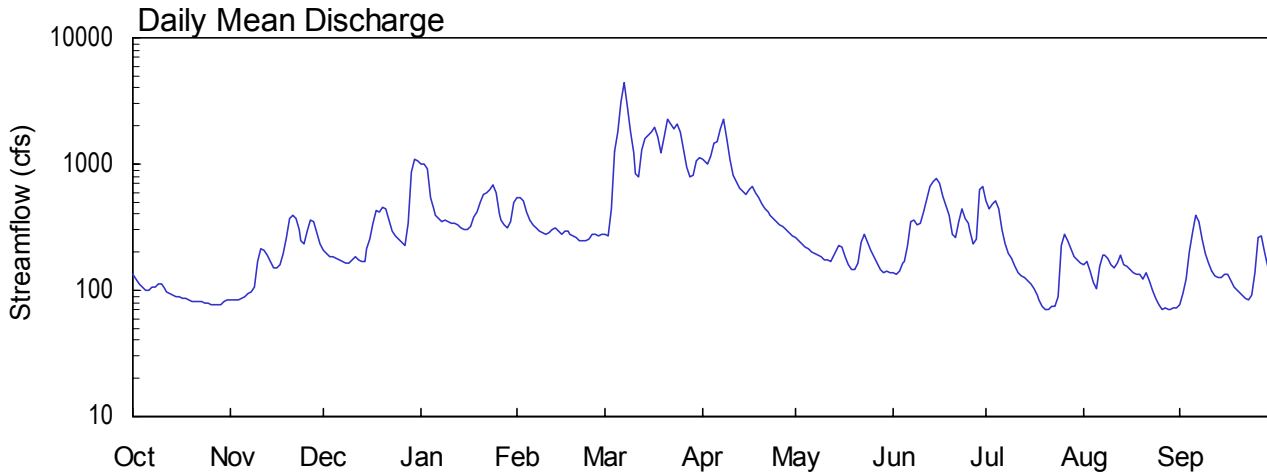
**DISCHARGE:** 158 ft<sup>3</sup>/s, June 28

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 211.7 feet Period of Record: 1985 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA**

**LOCATION.**--Lat 31°45'52", long 84°15'12", 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<sup>2</sup>, 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 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.

**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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
March 7	0700	4,650*	15.34*
March 17	1200	2,030	10.99
March 21	1500	2,270	11.64
April 8	0400	2,480	12.09

**WATER-STAGE 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 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, 15.34 feet, March 7; minimum gage-height recorded, 2.47 feet, October 26 and 27.

STATION NUMBER 02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 314552 LONGITUDE 0841512 DRAINAGE AREA 527.00 DATUM 211.74 STATE 13 COUNTY 177

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	135	84	210	1010	544	279	1090	258	136	506	159	77
2	121	83	196	1000	541	269	1060	245	134	439	168	94
3	112	83	187	914	512	441	1010	230	142	488	141	124
4	105	84	182	550	418	1260	1160	221	163	508	115	201
5	100	86	178	440	359	1790	1440	214	167	442	102	285
6	100	89	172	398	329	3080	1510	203	226	307	156	395
7	106	93	169	368	309	4380	1920	195	348	236	190	355
8	106	96	163	355	296	2850	2290	189	360	196	191	252
9	111	105	165	362	286	1800	1610	184	328	178	178	196
10	111	168	176	354	281	1220	1090	176	338	157	161	162
11	104	213	183	342	287	834	823	172	421	137	151	141
12	97	210	176	336	301	785	718	171	521	130	163	129
13	94	191	170	328	308	1290	653	189	656	126	189	127
14	91	169	171	315	290	1590	607	200	723	119	161	127
15	90	152	211	306	281	1690	571	226	765	112	157	135
16	88	151	255	300	290	1790	632	220	708	103	144	135
17	87	159	345	319	290	1980	662	183	556	92	139	120
18	87	194	431	378	280	1630	591	160	468	83	132	107
19	84	265	412	412	268	1210	539	146	396	74	133	100
20	81	375	451	500	261	1620	480	144	281	71	121	97
21	81	398	443	577	249	2230	440	165	262	71	137	92
22	82	371	356	596	245	2070	412	237	352	74	118	87
23	81	302	297	626	245	1900	395	274	437	75	99	84
24	80	245	267	693	254	2090	373	242	366	88	87	92
25	79	236	253	597	274	1800	352	206	341	229	76	138
26	78	296	237	411	275	1290	335	184	293	278	70	260
27	78	356	224	360	268	934	318	162	230	250	72	268
28	78	347	343	335	279	787	303	147	257	215	70	200
29	78	285	861	316	---	823	284	139	626	182	70	156
30	81	236	1080	351	---	1070	271	142	673	173	72	133
31	83	---	1060	497	---	1120	---	138	---	166	72	---
TOTAL	2889	6122	10024	14646	8820	47902	23939	5962	11674	6305	3994	4869
MEAN	93.2	204	323	472	315	1545	798	192	389	203	129	162
MAX	135	398	1080	1010	544	4380	2290	274	765	508	191	395
MIN	78	83	163	300	245	269	271	138	134	71	70	77
CFSM	.18	.39	.61	.90	.60	2.93	1.51	.36	.74	.39	.24	.31
IN.	.20	.43	.71	1.03	.62	3.38	1.69	.42	.82	.45	.28	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2001, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	268	390	602	792	946	1121	674	386	288	461	217	222					
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	93.2	160	208	277	315	430	257	94.7	47.1	62.4	66.2	73.9					
(WY)	2001	1991	1989	1989	2001	2000	1986	2000	2000	1986	2000	1990					

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1985 - 2001

ANNUAL TOTAL		82939		147146													
ANNUAL MEAN		227		403						532							
HIGHEST ANNUAL MEAN										1177							1998
LOWEST ANNUAL MEAN										233							2000
HIGHEST DAILY MEAN			1520	Apr 4		4380	Mar 7		25000		Jul 7	1994					
LOWEST DAILY MEAN			28	Jun 17		70	Aug 26		28		Jun 17	2000					
ANNUAL SEVEN-DAY MINIMUM			33	Jun 13		72	Aug 25		33		Jun 13	2000					
MAXIMUM PEAK FLOW						4650	Mar 7		29500		Jul 7	1994					
MAXIMUM PEAK STAGE						15.34	Mar 7		26.56		Jul 7	1994					
ANNUAL RUNOFF (CFSM)		.43				.76			1.01								
ANNUAL RUNOFF (INCHES)		5.85				10.39			13.71								
10 PERCENT EXCEEDS			494			1000			1120								
50 PERCENT EXCEEDS			167			245			332								
90 PERCENT EXCEEDS			46			87			110								

STATISTICS COMPUTED BY: jjgraham

DATE: 03/05/2002 AT: 11:12:51

STATION NUMBER 02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 314552 LONGITUDE 0841512 DRAINAGE AREA 527.00 DATUM 211.74 STATE 13 COUNTY 177

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

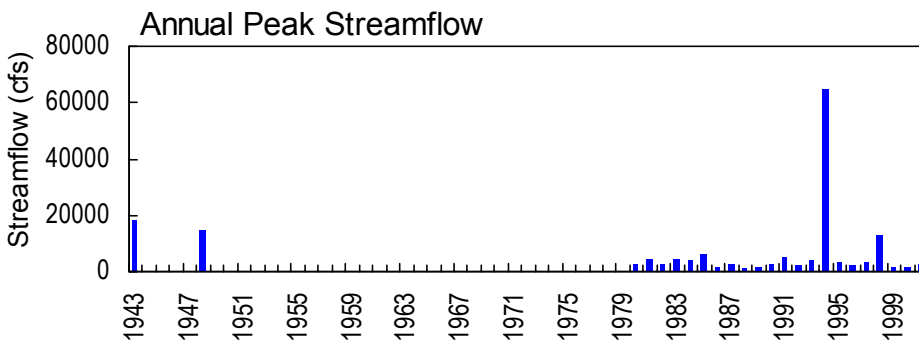
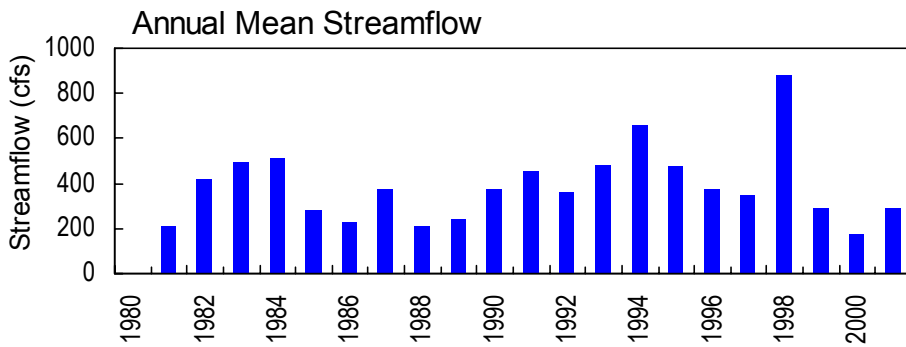
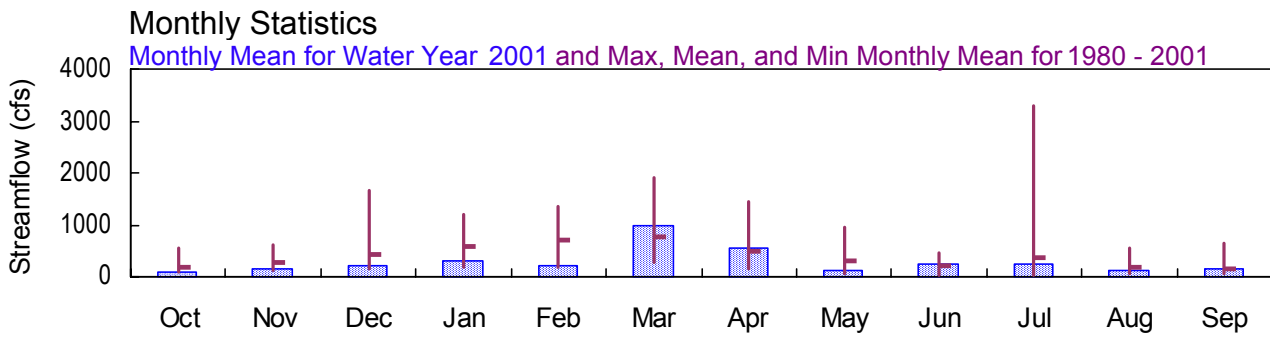
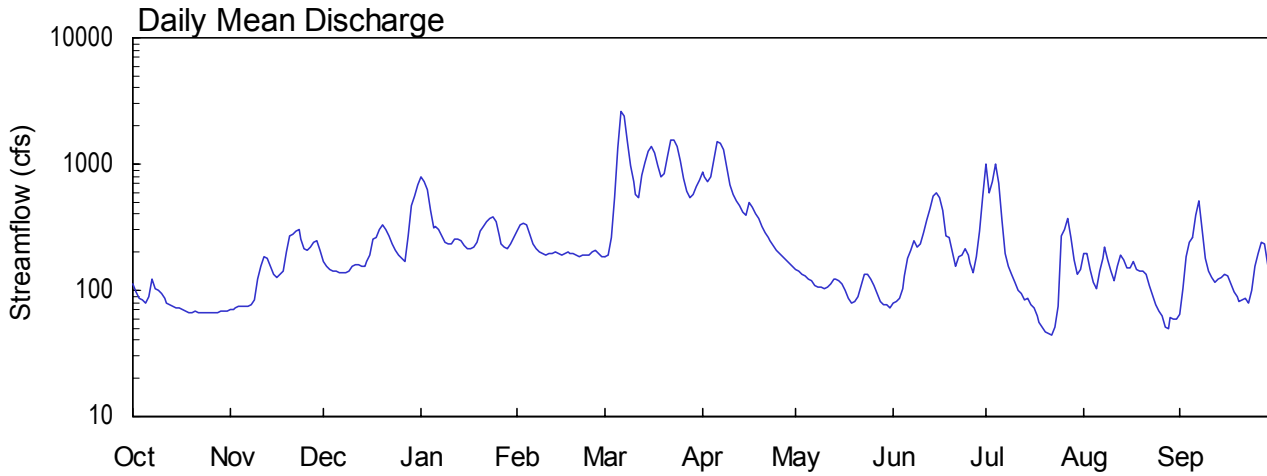
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.06	2.55	3.67	7.76	5.66	4.19	8.07	4.06	3.22	5.45	3.32	2.64
2	2.93	2.54	3.57	7.74	5.64	4.13	7.97	3.98	3.21	5.09	3.38	2.80
3	2.84	2.54	3.50	7.39	5.48	5.09	7.77	3.88	3.27	5.36	3.19	3.04
4	2.77	2.55	3.45	5.68	4.98	8.62	8.31	3.83	3.43	5.46	2.98	3.60
5	2.72	2.57	3.43	5.10	4.66	10.33	9.25	3.78	3.46	5.11	2.87	4.21
6	2.72	2.61	3.40	4.87	4.49	13.04	9.47	3.71	3.85	4.36	3.30	4.85
7	2.79	2.65	3.39	4.71	4.38	15.03	10.65	3.65	4.60	3.92	3.53	4.64
8	2.78	2.68	3.36	4.64	4.30	12.79	11.65	3.61	4.67	3.66	3.54	3.98
9	2.84	2.78	3.38	4.68	4.24	10.35	9.78	3.58	4.49	3.54	3.45	3.57
10	2.83	3.33	3.48	4.63	4.20	8.51	8.06	3.52	4.54	3.39	3.33	3.34
11	2.76	3.70	3.54	4.57	4.25	7.06	7.02	3.50	5.00	3.23	3.26	3.19
12	2.69	3.67	3.50	4.54	4.33	6.83	6.52	3.49	5.53	3.18	3.35	3.09
13	2.66	3.53	3.47	4.49	4.37	8.76	6.21	3.62	6.22	3.14	3.52	3.07
14	2.63	3.35	3.49	4.41	4.26	9.71	5.98	3.69	6.55	3.09	3.34	3.07
15	2.61	3.21	3.76	4.36	4.20	10.04	5.80	3.86	6.75	3.02	3.30	3.14
16	2.59	3.20	4.04	4.32	4.26	10.32	6.10	3.82	6.48	2.95	3.20	3.14
17	2.58	3.27	4.58	4.44	4.26	10.85	6.25	3.57	5.71	2.85	3.17	3.02
18	2.58	3.55	5.05	4.77	4.20	9.83	5.90	3.41	5.25	2.76	3.12	2.92
19	2.55	4.07	4.95	4.95	4.12	8.49	5.63	3.30	4.86	2.67	3.12	2.85
20	2.52	4.75	5.16	5.42	4.08	9.78	5.32	3.29	4.20	2.64	3.03	2.82
21	2.51	4.87	5.12	5.83	4.00	11.51	5.10	3.44	4.08	2.65	3.16	2.79
22	2.53	4.73	4.65	5.93	3.98	11.09	4.95	3.93	4.62	2.67	3.00	2.74
23	2.52	4.33	4.30	6.07	3.98	10.63	4.86	4.16	5.08	2.69	2.84	2.71
24	2.51	3.93	4.12	6.40	4.03	11.16	4.74	3.96	4.70	2.80	2.73	2.78
25	2.49	3.87	4.03	5.92	4.16	10.34	4.63	3.73	4.56	3.85	2.63	3.16
26	2.49	4.29	3.92	4.94	4.17	8.76	4.53	3.58	4.28	4.18	2.57	4.04
27	2.48	4.65	3.84	4.67	4.12	7.48	4.43	3.42	3.89	3.96	2.59	4.10
28	2.48	4.59	4.54	4.53	4.19	6.86	4.34	3.31	4.04	3.70	2.56	3.60
29	2.49	4.21	7.16	4.42	---	7.01	4.23	3.25	6.06	3.48	2.57	3.30
30	2.52	3.87	8.04	4.61	---	8.00	4.14	3.27	6.31	3.42	2.59	3.12
31	2.54	---	7.95	5.41	---	8.19	---	3.24	---	3.37	2.58	---
MEAN	2.65	3.55	4.32	5.23	4.39	9.19	6.59	3.63	4.76	3.60	3.07	3.31
MAX	3.06	4.87	8.04	7.76	5.66	15.03	11.65	4.16	6.75	5.46	3.54	4.85
MIN	2.48	2.54	3.36	4.32	3.98	4.13	4.14	3.24	3.21	2.64	2.56	2.64

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 220 feet Period of Record: 1980 - 2001





**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA**

**LOCATION.**--Lat 31°46'34", long 84°08'22", Lee County, Hydrologic Unit 03130007, on downstream end of bridge pier on GA Highway 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<sup>2</sup>.

**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.**—Phone telemetry with a water-stage recorder. Elevation of gage is 220 feet above sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 6	2030	2,660*	11.93*
Mar. 16	1415	1,410	10.51
Mar. 22	1445	1,620	10.88
Apr. 6	1130	1,560	10.78

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- December 1979 to current year.

**GAGE.**-- Phone telemetry with a water-stage recorder. Elevation of gage is 220 feet above sea level (from topographic map).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 11.93 feet, March 6; minimum gage-height recorded, 2.52 feet, July 21-22.

STATION NUMBER 02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 314634 LONGITUDE 0840822 DRAINAGE AREA 362.00 DATUM 220 STATE 13 COUNTY 177

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	112	70	171	802	291	185	863	147	80	998	197	65
2	98	71	156	723	331	191	797	141	81	599	193	104
3	87	72	148	624	342	263	734	135	87	733	145	184
4	83	75	143	432	330	537	794	130	102	1000	116	237
5	80	74	140	314	277	1350	1090	124	131	708	102	261
6	89	75	138	318	233	2600	1510	118	177	365	141	396
7	122	75	137	307	212	2370	1470	109	207	196	181	507
8	102	78	137	271	201	1510	1290	107	245	157	218	303
9	100	84	141	242	193	980	952	106	217	135	176	177
10	93	122	156	234	192	725	684	103	231	115	141	142
11	87	156	160	235	195	572	570	105	289	101	118	125
12	80	187	161	252	196	545	515	112	358	94	155	115
13	77	179	157	257	200	805	464	124	444	85	189	121
14	74	154	157	245	197	1030	418	121	562	86	172	128
15	73	133	170	227	191	1260	391	120	587	78	152	133
16	72	125	192	214	194	1390	490	114	540	73	151	130
17	70	134	252	213	199	1230	453	99	431	63	170	113
18	68	142	260	219	197	974	406	86	266	56	147	98
19	67	203	299	237	193	789	366	80	260	51	142	88
20	67	271	334	294	190	844	325	82	200	47	140	82
21	68	275	304	325	185	1160	284	88	156	46	133	84
22	67	293	270	348	190	1570	259	110	186	44	109	86
23	67	299	232	372	190	1530	244	134	191	51	91	79
24	67	256	205	380	189	1380	225	135	215	75	77	99
25	67	211	189	348	203	1070	210	121	192	270	69	155
26	67	205	178	270	210	772	198	108	165	301	63	193
27	67	219	171	236	197	613	187	93	138	368	51	243
28	67	243	266	220	187	550	176	82	186	265	50	230
29	68	245	468	211	---	571	166	78	297	172	61	159
30	68	206	553	232	---	658	157	76	562	134	60	126
31	69	---	694	264	---	751	---	73	---	146	59	---
TOTAL	2443	4932	7139	9866	6105	30775	16688	3361	7783	7612	3969	4963
MEAN	78.8	164	230	318	218	993	556	108	259	246	128	165
MAX	122	299	694	802	342	2600	1510	147	587	1000	218	507
MIN	67	70	137	211	185	185	157	73	80	44	50	65
CFSM	.22	.45	.64	.88	.60	2.74	1.54	.30	.72	.68	.35	.46
IN.	.25	.51	.73	1.01	.63	3.16	1.71	.35	.80	.78	.41	.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2001, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	182	268	433	574	723	763	492	297	215	356	189	163											
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	48.9	57.7											
(WY)	2001	1991	1989	1989	1989	1989	1986	2000	2000	1986	2000	1990											

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1980 - 2001

ANNUAL TOTAL	62404	105636																					
ANNUAL MEAN	171	289								388													
HIGHEST ANNUAL MEAN										876		1998											
LOWEST ANNUAL MEAN										175		2000											
HIGHEST DAILY MEAN	1610	Apr 3	2600	Mar 6	36000	Jul 7 1994																	
LOWEST DAILY MEAN	14	Jun 14	44	Jul 22	12	Jul 20 1986																	
ANNUAL SEVEN-DAY MINIMUM	17	Jun 11	51	Jul 17	16	Jul 15 1986																	
MAXIMUM PEAK FLOW			2660	Mar 6	64400	Jul 6 1994																	
MAXIMUM PEAK STAGE			11.93	Mar 6	29.10	Jul 6 1994																	
INSTANTANEOUS LOW FLOW					12	Jul 20 1986																	
ANNUAL RUNOFF (CFSM)	.47		.80		1.07																		
ANNUAL RUNOFF (INCHES)	6.41		10.86		14.55																		
10 PERCENT EXCEEDS	318		700		805																		
50 PERCENT EXCEEDS	139		187		231																		
90 PERCENT EXCEEDS	32		73		82																		

STATISTICS COMPUTED BY: msreynol

DATE: 02/06/2002 AT: 11:47:56

STATION NUMBER 02351890 MUCKALEE CREEK AT GA 195, NEAR LEESBURG, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 314634 LONGITUDE 0840822 DRAINAGE AREA 362.00 DATUM 220 STATE 13 COUNTY 177

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

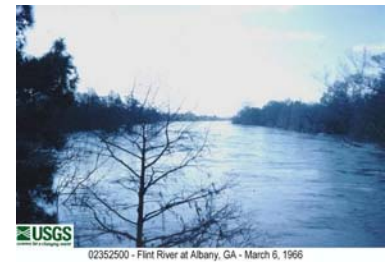
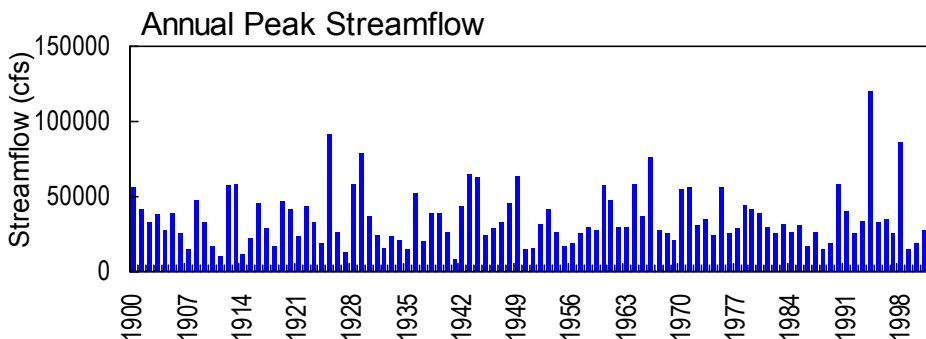
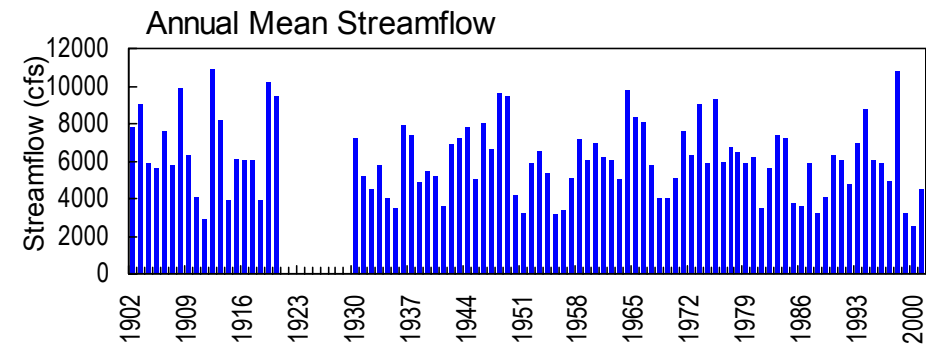
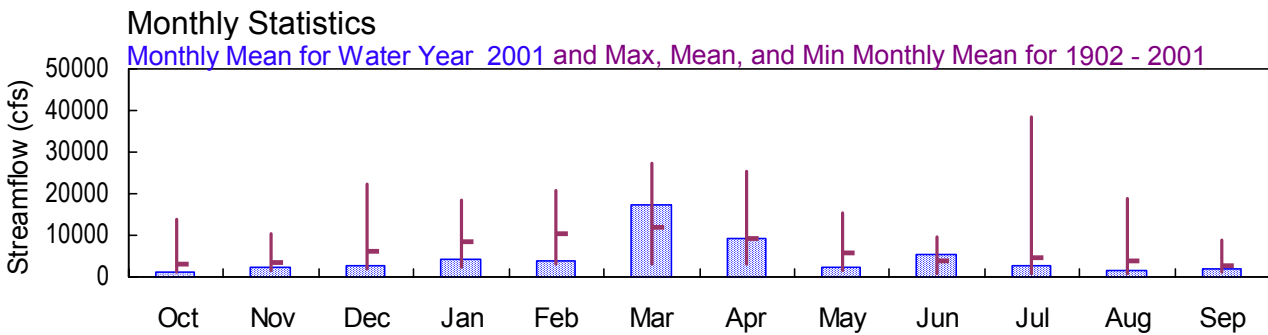
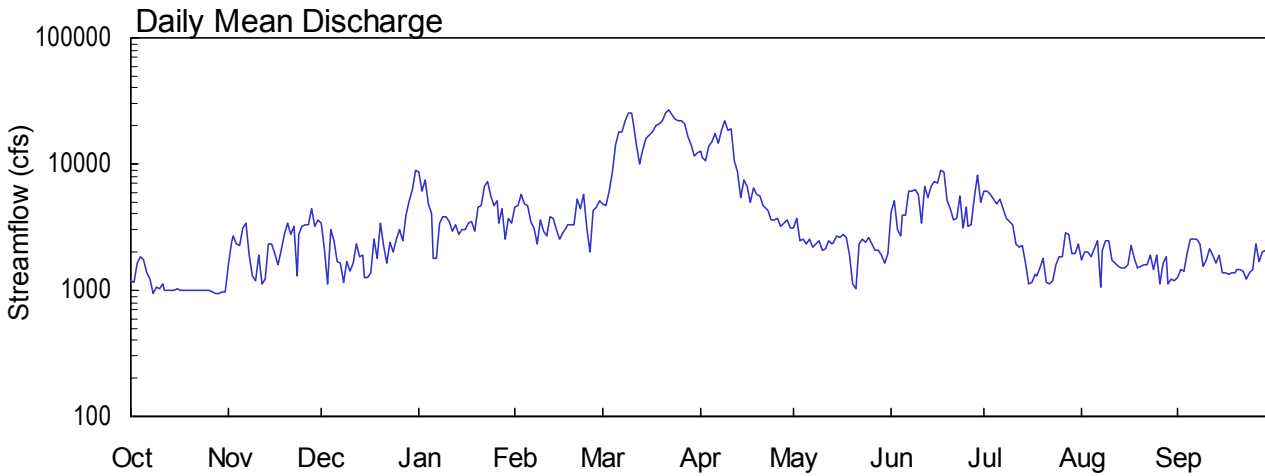
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.70	3.08	4.44	8.76	5.67	4.61	9.01	4.04	3.12	9.51	4.63	3.00
2	3.50	3.09	4.26	8.41	6.02	4.67	8.74	3.96	3.14	7.61	4.59	3.57
3	3.33	3.11	4.16	7.93	6.12	5.35	8.46	3.89	3.23	8.26	4.01	4.59
4	3.27	3.15	4.10	6.78	6.02	7.35	8.72	3.82	3.44	9.53	3.64	5.16
5	3.24	3.14	4.06	5.87	5.53	10.06	9.78	3.74	3.83	8.28	3.44	5.39
6	3.36	3.16	4.03	5.91	5.13	11.88	10.70	3.66	4.39	6.01	3.96	6.52
7	3.82	3.17	4.03	5.81	4.92	11.68	10.63	3.55	4.74	4.62	4.44	7.28
8	3.55	3.21	4.02	5.48	4.78	10.66	10.29	3.52	5.09	4.16	4.85	5.75
9	3.52	3.29	4.07	5.21	4.70	9.44	9.34	3.50	4.84	3.88	4.39	4.50
10	3.43	3.82	4.26	5.14	4.68	8.40	8.19	3.46	4.97	3.63	3.95	4.08
11	3.33	4.25	4.31	5.15	4.72	7.47	7.46	3.48	5.47	3.43	3.67	3.86
12	3.24	4.63	4.31	5.30	4.73	7.27	7.06	3.59	6.02	3.34	4.12	3.73
13	3.18	4.53	4.27	5.35	4.78	8.75	6.74	3.74	6.61	3.20	4.53	3.81
14	3.14	4.23	4.27	5.24	4.74	9.62	6.45	3.70	7.40	3.22	4.35	3.90
15	3.12	3.97	4.42	5.07	4.67	10.23	6.26	3.69	7.58	3.10	4.11	3.97
16	3.11	3.87	4.68	4.93	4.71	10.49	6.89	3.61	7.24	3.01	4.10	3.93
17	3.09	3.98	5.30	4.93	4.76	10.15	6.67	3.40	6.51	2.86	4.35	3.70
18	3.05	4.09	5.38	4.98	4.74	9.43	6.37	3.22	5.27	2.74	4.07	3.50
19	3.04	4.79	5.74	5.17	4.70	8.70	6.08	3.13	5.23	2.66	4.02	3.35
20	3.04	5.48	6.05	5.70	4.67	8.92	5.77	3.15	4.64	2.59	3.99	3.27
21	3.06	5.52	5.79	5.98	4.61	9.97	5.43	3.25	4.15	2.57	3.92	3.30
22	3.03	5.69	5.47	6.17	4.66	10.78	5.21	3.56	4.50	2.54	3.61	3.33
23	3.03	5.74	5.11	6.36	4.66	10.72	5.09	3.88	4.56	2.66	3.35	3.23
24	3.03	5.34	4.83	6.42	4.65	10.45	4.92	3.88	4.81	3.01	3.16	3.50
25	3.04	4.90	4.65	6.16	4.81	9.73	4.77	3.70	4.57	5.31	3.04	4.25
26	3.04	4.83	4.52	5.47	4.88	8.62	4.64	3.52	4.26	5.57	2.96	4.70
27	3.03	4.98	4.43	5.15	4.74	7.76	4.52	3.32	3.92	6.10	2.76	5.22
28	3.04	5.22	5.40	5.00	4.63	7.32	4.39	3.15	4.50	5.26	2.75	5.09
29	3.06	5.24	7.03	4.90	---	7.46	4.27	3.10	5.53	4.34	2.94	4.29
30	3.06	4.84	7.55	5.11	---	8.06	4.16	3.06	7.36	3.87	2.92	3.88
31	3.06	---	8.27	5.42	---	8.53	---	3.02	---	4.03	2.90	---
MEAN	3.21	4.28	4.94	5.78	4.94	8.86	6.90	3.53	5.03	4.55	3.79	4.26
MAX	3.82	5.74	8.27	8.76	6.12	11.88	10.70	4.04	7.58	9.53	4.85	7.28
MIN	3.03	3.08	4.02	4.90	4.61	4.61	4.16	3.02	3.12	2.54	2.75	3.00

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02352500 FLINT RIVER AT ALBANY, GA

Latitude: 31° 35' 39" Longitude: 84° 08' 39" Hydrologic Unit Code: 03130008 Dougherty County  
Drainage Area: 5310 mi<sup>2</sup> Datum: 150.0 feet Period of Record: 1902 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02352500 FLINT RIVER AT ALBANY, GA**

**LOCATION.**--Lat 31°35'39", long 84°08'39", 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<sup>2</sup>, 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.**—Phone telemetry with a water-stage recorder. Datum of gage is 150.03 feet above sea level. 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<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 20,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 10	0415	25,900	19.16
Mar. 22	1545	27,200*	19.86*
Apr. 9	1800	22,600	16.99

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02352500 FLINT RIVER AT ALBANY, GA—continued.**

**WATER-STAGE RECORD**

**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 sea level. 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, 19.86 feet, March 22; minimum gage-height recorded, 1.18 feet, August 28.

STATION NUMBER 02352500 FLINT RIVER AT ALBANY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 313539 LONGITUDE 0840839 DRAINAGE AREA 5310.00 DATUM 150.03 STATE 13 COUNTY 095

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	1180	1590	3410	8680	4520	4810	12800	3130	4180	6070	1750	1250
2	1170	2420	2110	6010	4730	4640	11100	3710	5130	6070	2040	1460
3	1620	2720	1130	7420	5680	6160	10500	2460	3070	5750	2030	1430
4	1830	2330	2990	4770	4800	8600	13600	2530	2670	5330	1820	1970
5	1740	2250	2440	4020	4640	14000	15000	2360	3950	4810	2130	2520
6	1360	3130	1670	1790	3460	17900	17300	2540	3970	5280	2460	2530
7	1220	3440	1660	1790	3160	17800	14700	2190	6050	4430	1060	2540
8	934	1910	1150	3390	2330	21700	18400	2310	6090	3690	2100	2360
9	1050	1300	1700	3830	3600	25300	22000	2470	6250	3530	2480	1540
10	1020	1190	1420	3780	2920	25100	18400	2080	5740	3320	2490	1760
11	1140	1890	1660	3540	2730	21100	19100	2120	3430	2330	1760	2160
12	987	1130	2330	2940	3830	14200	10700	2500	6720	2220	1630	1910
13	996	1230	1850	3270	3760	9980	8620	2310	5410	2260	1530	1650
14	1000	2300	1910	2810	3070	13000	5410	2390	6680	1620	1510	1880
15	997	2310	1270	3060	2570	15900	7460	2690	7180	1120	1500	1380
16	1020	1950	1280	3040	2840	16700	6660	2600	7060	1170	1600	1380
17	1010	1610	1390	3400	3130	17700	4950	2790	8810	1340	2270	1350
18	1010	2080	2570	3540	3270	20400	6530	2610	8590	1300	1800	1370
19	1000	2760	1790	2980	3330	20700	5790	1880	5130	1510	1490	1360
20	1010	3390	3370	4530	3280	21900	5520	1110	4430	1780	1550	1450
21	995	2750	2240	4720	5300	25400	4710	1020	3580	1170	1590	1450
22	1000	3250	1630	6670	4450	27000	4450	2300	3680	1130	1610	1410
23	993	1310	2370	7350	5670	24800	4350	2520	5660	1200	1920	1220
24	998	2760	2000	5590	3110	22600	3650	2410	3080	1580	1450	1390
25	994	3240	2550	4630	2020	21700	3620	2650	4570	1830	1900	1440
26	996	3350	3010	5050	4300	22200	3660	2360	3200	1860	1140	2310
27	982	3340	2490	3440	4490	20600	3190	2050	3310	2840	1630	1710
28	953	4400	3910	4400	5080	16600	3380	2070	5390	2780	1830	2020
29	954	3220	5180	2510	---	14200	3570	1890	8100	1950	1140	2090
30	960	3650	6290	3680	---	11500	3160	1660	4980	1940	1230	1650
31	965	---	8810	3360	---	12300	---	1960	---	2340	1190	---
TOTAL	34084	74200	79580	129990	106070	536490	272280	71670	156090	85550	53630	51940
MEAN	1099	2473	2567	4193	3788	17310	9076	2312	5203	2760	1730	1731
MAX	1830	4400	8810	8680	5680	27000	22000	3710	8810	6070	2490	2540
MIN	934	1130	1130	1790	2020	4640	3160	1020	2670	1120	1060	1220
CFSM	.21	.47	.48	.79	.71	3.26	1.71	.44	.98	.52	.33	.33
IN.	.24	.52	.56	.91	.74	3.76	1.91	.50	1.09	.60	.38	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1902 - 2001, BY WATER YEAR (WY)

MEAN	3089	3422	6077	8406	10440	11850	9369	5600	3980	4676	4017	2815
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	1428	1993	2306	3252	3053	2984	1408	814	814	907	986
(WY)	2001	1932	1989	1956	1989	1911	1986	2000	2000	1986	1988	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1902 - 2001

ANNUAL TOTAL		929809		1651574								
ANNUAL MEAN		2540		4525						6140		
HIGHEST ANNUAL MEAN										10910		1912
LOWEST ANNUAL MEAN										2544		2000
HIGHEST DAILY MEAN			16900	Apr 1		27000	Mar 22		119000		Jul 10	1994
LOWEST DAILY MEAN			673	Jun 7		934	Oct 8		327		Aug 24	1930
ANNUAL SEVEN-DAY MINIMUM			699	Jun 18		972	Oct 25		699		Jun 18	2000
MAXIMUM PEAK FLOW						27200	Mar 22		120000		Jul 11	1994
MAXIMUM PEAK STAGE						19.86	Mar 22		43.00		Jul 11	1994
ANNUAL RUNOFF (CFSM)			.48			.85			1.16			
ANNUAL RUNOFF (INCHES)			6.51			11.57			15.71			
10 PERCENT EXCEEDS			5270			10900			13100			
50 PERCENT EXCEEDS			1770			2650			4100			
90 PERCENT EXCEEDS			777			1170			1710			

STATISTICS COMPUTED BY: msreynol

DATE: 01/23/2002 AT: 19:00:15

STATION NUMBER 02352500 FLINT RIVER AT ALBANY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 313539 LONGITUDE 0840839 DRAINAGE AREA 5310.00 DATUM 150.03 STATE 13 COUNTY 095

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	2.39	2.82	4.46	7.57	5.16	5.31	9.90	4.05	4.96	6.09	2.89	2.35
2	2.39	3.59	3.29	6.06	5.28	5.21	8.92	4.51	5.56	6.10	3.24	2.61
3	2.83	3.78	2.36	6.87	5.87	6.16	8.54	3.50	4.08	5.91	3.21	2.58
4	3.02	3.41	4.13	5.26	5.32	7.52	10.52	3.58	3.78	5.66	2.97	3.11
5	3.00	3.35	3.54	4.86	5.23	10.75	11.49	3.49	4.82	5.31	3.29	3.46
6	2.60	4.15	2.91	3.02	4.44	13.55	13.08	3.61	4.80	5.59	3.61	3.65
7	2.46	4.42	2.95	3.08	4.18	13.45	11.32	3.29	6.10	5.02	2.04	3.73
8	2.03	3.05	2.39	4.33	3.45	16.35	13.87	3.43	6.13	4.52	3.13	3.53
9	2.23	2.57	3.00	4.65	4.58	18.78	16.57	3.59	6.22	4.39	3.54	2.70
10	2.20	2.31	2.68	4.66	3.99	18.69	13.87	3.23	5.91	4.19	3.48	2.93
11	2.36	3.06	2.96	4.47	3.74	15.90	14.43	3.20	4.32	3.40	2.94	3.31
12	2.14	2.35	3.61	3.96	4.73	10.95	8.75	3.55	6.50	3.31	2.81	3.06
13	2.15	2.49	3.15	4.24	4.68	8.27	7.54	3.40	5.71	3.35	2.69	2.81
14	2.16	3.51	3.19	3.86	4.11	10.03	5.67	3.50	6.48	2.75	2.67	3.00
15	2.16	3.58	2.54	4.11	3.69	12.07	6.90	3.77	6.77	2.34	2.66	2.51
16	2.19	3.19	2.56	4.02	3.85	12.63	6.45	3.66	6.70	2.38	2.77	2.51
17	2.17	2.86	2.68	4.37	4.11	13.36	5.33	3.78	7.64	2.49	3.38	2.48
18	2.17	3.36	3.72	4.24	4.25	15.37	6.39	3.65	7.52	2.58	2.98	2.49
19	2.17	4.00	3.13	3.95	4.31	15.63	5.94	3.00	5.48	2.81	2.64	2.48
20	2.18	4.43	4.26	5.02	4.25	16.49	5.77	2.27	5.04	3.08	2.71	2.60
21	2.16	3.90	3.36	5.24	5.62	18.84	5.26	2.12	4.45	2.40	2.76	2.61
22	2.17	4.29	2.92	6.45	5.12	19.73	5.00	3.52	4.49	2.32	2.78	2.55
23	2.15	2.56	3.56	6.86	5.81	18.48	4.99	3.59	5.81	2.40	3.12	2.32
24	2.16	3.82	3.15	5.81	3.74	16.97	4.40	3.47	4.04	2.72	2.58	2.53
25	2.15	4.29	3.63	5.23	3.21	16.36	4.44	3.75	5.15	3.01	3.09	2.59
26	2.16	4.35	4.00	5.48	4.97	16.69	4.43	3.52	4.06	3.01	2.20	3.42
27	2.13	4.28	3.58	4.45	5.12	15.53	4.10	3.24	4.31	3.90	2.68	2.90
28	2.09	5.08	4.79	5.06	5.48	12.57	4.24	3.29	5.66	3.90	2.98	3.17
29	2.09	4.30	5.57	3.65	---	10.84	4.37	3.12	7.24	3.12	2.18	3.28
30	2.10	4.63	6.22	4.64	---	9.14	4.07	2.89	5.40	3.13	2.33	2.83
31	2.11	---	7.64	4.35	---	9.61	---	3.18	---	3.53	2.28	---
MEAN	2.27	3.59	3.61	4.83	4.58	13.27	7.89	3.41	5.50	3.70	2.86	2.87
MAX	3.02	5.08	7.64	7.57	5.87	19.73	16.57	4.51	7.64	6.10	3.61	3.73
MIN	2.03	2.31	2.36	3.02	3.21	5.21	4.07	2.12	3.78	2.32	2.04	2.32

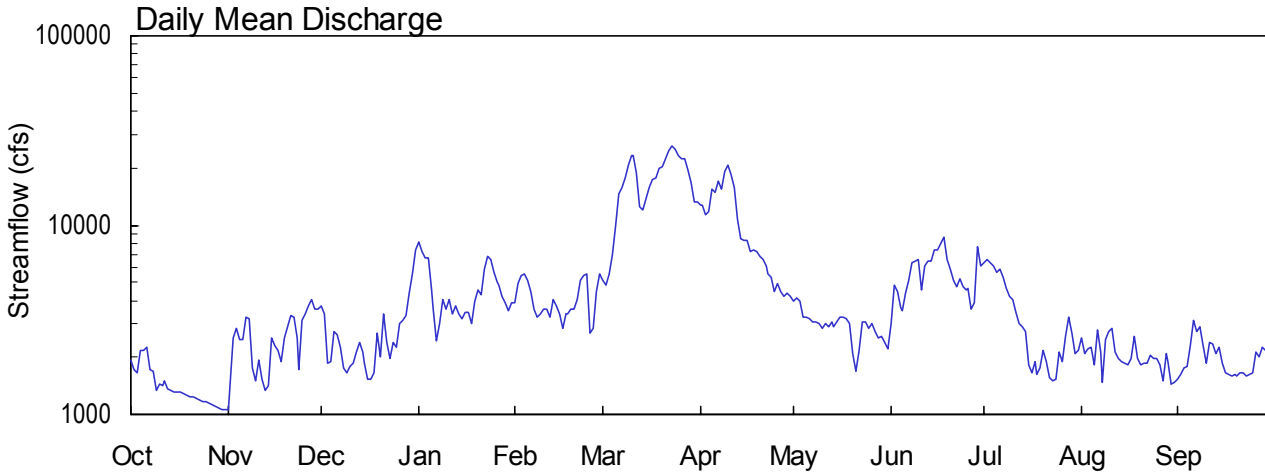


# APALACHICOLA RIVER BASIN

## 2001 Water Year

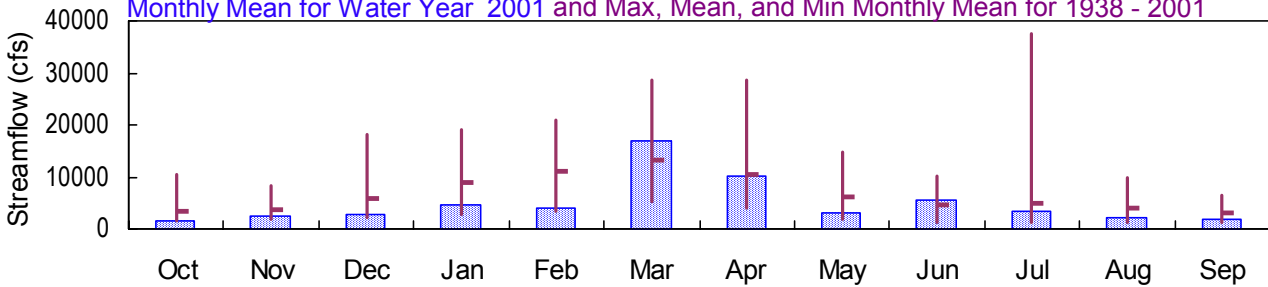
### 02353000 FLINT RIVER AT NEWTON, GA

Latitude: 31° 18' 24" Longitude: 84° 20' 19" Hydrologic Unit Code: 03130008 Baker County  
 Drainage Area: 5740 mi<sup>2</sup> Datum: 110.2 feet Period of Record: 1938 - 2001

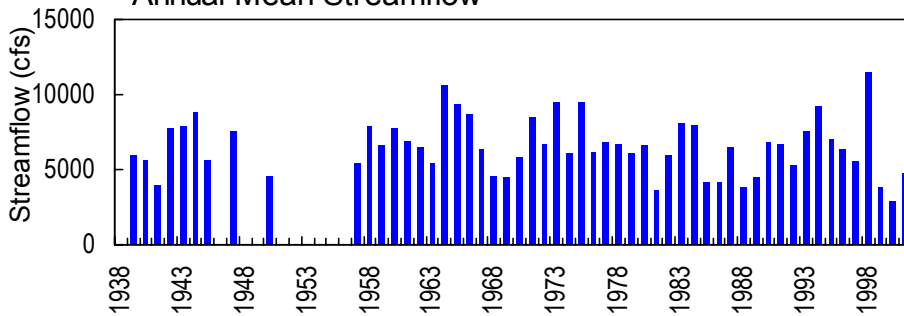


#### Monthly Statistics

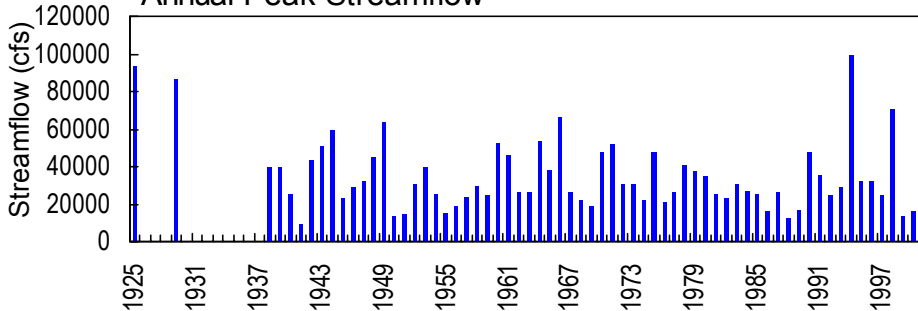
Monthly Mean for Water Year 2001 and Max, Mean, and Min Monthly Mean for 1938 - 2001



#### Annual Mean Streamflow



#### Annual Peak Streamflow



USGS

02353000 - Flint River at Newton, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02353000 FLINT RIVER AT NEWTON, GA**

**LOCATION.**--Lat 31°18'34", long 84°20'06", 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<sup>2</sup>, 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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 11	0515	23,700	18.54
Mar. 23	1515	26,200*	19.76
Apr. 10	0930	21,400	17.35

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (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 19.76 feet, March 23; minimum gage-height recorded, 3.23 feet, October 9.

STATION NUMBER 02353000 FLINT RIVER AT NEWTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311824 LONGITUDE 0842019 DRAINAGE AREA 5740.00 DATUM 110.20 STATE 13 COUNTY 007

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	1940	1060	3720	8210	3930	5070	12800	4000	3050	6330	2530	1530
2	1730	1900	3430	7300	4940	4860	12700	4120	4820	6560	2080	1610
3	1650	2540	1870	6720	5390	5560	11400	4010	4490	6380	2220	1760
4	2180	2840	1900	6720	5550	6980	11900	3260	3710	6090	2260	1790
5	2180	2470	2770	4540	5120	10000	15500	3290	3520	5600	1820	2310
6	2270	2480	2620	3590	4430	14600	14900	3220	4400	5860	2810	3170
7	1710	3270	2260	2460	3640	15700	17100	3100	5070	5330	2120	2760
8	1690	3190	1740	3000	3250	17600	15400	3080	6300	4680	1470	2910
9	1330	1760	1660	4040	3430	20900	19200	3040	6430	4180	2510	2320
10	1440	1490	1780	3590	3590	23100	20600	2860	6530	4090	2730	1870
11	1420	1920	1850	4030	3610	23200	18600	3000	4540	3500	2860	2400
12	1490	1540	2130	3420	3250	18700	15900	2910	6130	3010	2150	2360
13	1360	1350	2390	3720	4070	12400	10700	3060	6470	2930	1970	2100
14	1330	1420	2130	3390	3730	12000	8550	2940	6450	2740	1900	2270
15	1320	2540	1860	3190	3410	13900	8270	3080	7380	1810	1880	1850
16	1310	2290	1530	3470	2850	15700	8360	3290	7450	1650	1830	1650
17	1310	2180	1520	3480	3390	17300	7190	3270	8030	1900	1980	1640
18	1280	1900	1660	3040	3400	17600	7390	3230	8680	1620	2580	1600
19	1270	2520	2710	4000	3610	19900	7210	3020	6530	1740	1970	1630
20	1250	2940	2020	4570	3580	20400	6910	2090	5900	2160	1810	1590
21	1230	3340	3400	4280	4060	22300	6630	1690	5110	1910	1850	1670
22	1210	3270	2400	5810	5130	24800	6060	2160	4770	1560	1850	1670
23	1190	2530	1970	6840	5380	26000	5530	3090	5260	1500	2070	1580
24	1170	1730	2410	6640	5490	25000	5330	3100	4750	1520	1970	1620
25	1160	3170	2260	5620	2710	23200	4470	2870	4530	2120	1990	1670
26	1150	3430	3020	5060	2830	22200	4920	3020	4640	1890	1840	2150
27	1130	3760	3150	4790	4490	22200	4430	2730	3640	e2580	1510	2000
28	1110	4060	3320	4250	5570	19400	4180	2530	3930	3270	2100	2250
29	1080	3600	4340	3920	---	16700	4410	2570	7710	2710	1900	2170
30	1060	3610	5540	3540	---	13200	4180	2390	6150	2100	1450	2100
31	1050	---	7450	3900	---	13200	---	2200	---	2190	1470	---
TOTAL	44000	76100	82810	141130	113830	523670	300720	92220	166370	101510	63480	60000
MEAN	1419	2537	2671	4553	4065	16890	10020	2975	5546	3275	2048	2000
MAX	2270	4060	7450	8210	5570	26000	20600	4120	8680	6560	2860	3170
MIN	1050	1060	1520	2460	2710	4860	4180	1690	3050	1500	1450	1530
CFSM	.25	.44	.47	.79	.71	2.94	1.75	.52	.97	.57	.36	.35
IN.	.29	.49	.54	.91	.74	3.39	1.95	.60	1.08	.66	.41	.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2001, BY WATER YEAR (WY)

	3300	3627	5731	8801	10960	13080	10610	6245	4705	5040	4006	3076
MEAN	3300	3627	5731	8801	10960	13080	10610	6245	4705	5040	4006	3076
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	1881	2243	2768	3457	5322	3869	1934	1211	1144	1173	1268
(WY)	2001	1991	1991	1981	1989	1981	1999	2000	2000	1986	1986	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1938 - 2001

ANNUAL TOTAL	1046430	1765840		
ANNUAL MEAN	2859	4838	6539	
HIGHEST ANNUAL MEAN			11540	1998
LOWEST ANNUAL MEAN			2893	2000
HIGHEST DAILY MEAN	15000	Apr 1	26000	Mar 23
LOWEST DAILY MEAN	1010	Aug 30	1050	Oct 31
ANNUAL SEVEN-DAY MINIMUM	1030	Aug 25	1090	Oct 26
MAXIMUM PEAK FLOW			26200	Mar 23
MAXIMUM PEAK STAGE			19.76	Mar 23
INSTANTANEOUS LOW FLOW				790
ANNUAL RUNOFF (CFSM)	.50		.84	1.14
ANNUAL RUNOFF (INCHES)	6.78		11.44	15.48
10 PERCENT EXCEEDS	5590	11900	13200	
50 PERCENT EXCEEDS	2240	3150	4650	
90 PERCENT EXCEEDS	1130	1540	2080	

STATISTICS COMPUTED BY: msreynol

DATE: 02/08/2002 AT: 06:30:42

e Estimated

STATION NUMBER 02353000 FLINT RIVER AT NEWTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311824 LONGITUDE 0842019 DRAINAGE AREA 5740.00 DATUM 110.20 STATE 13 COUNTY 007

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

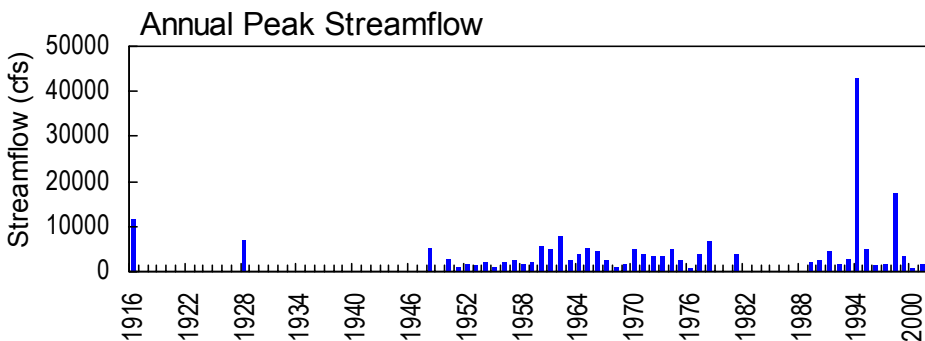
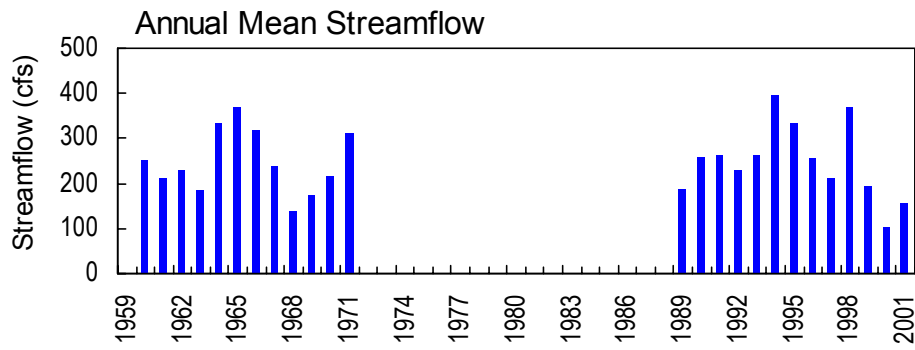
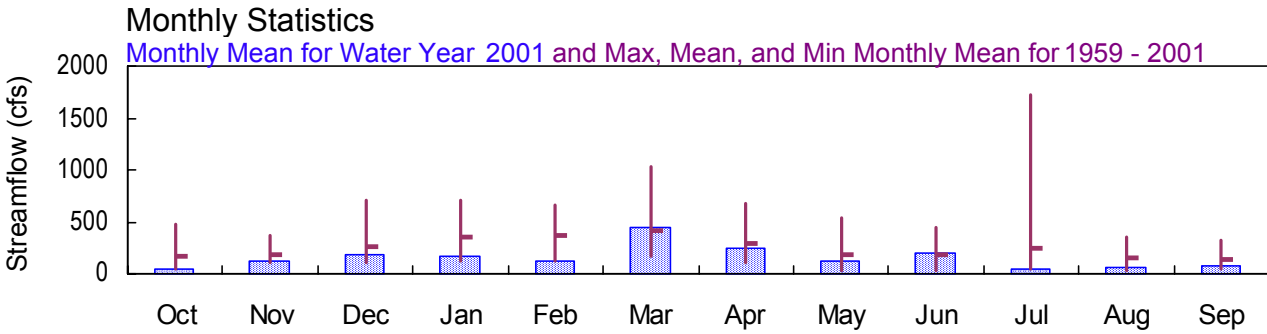
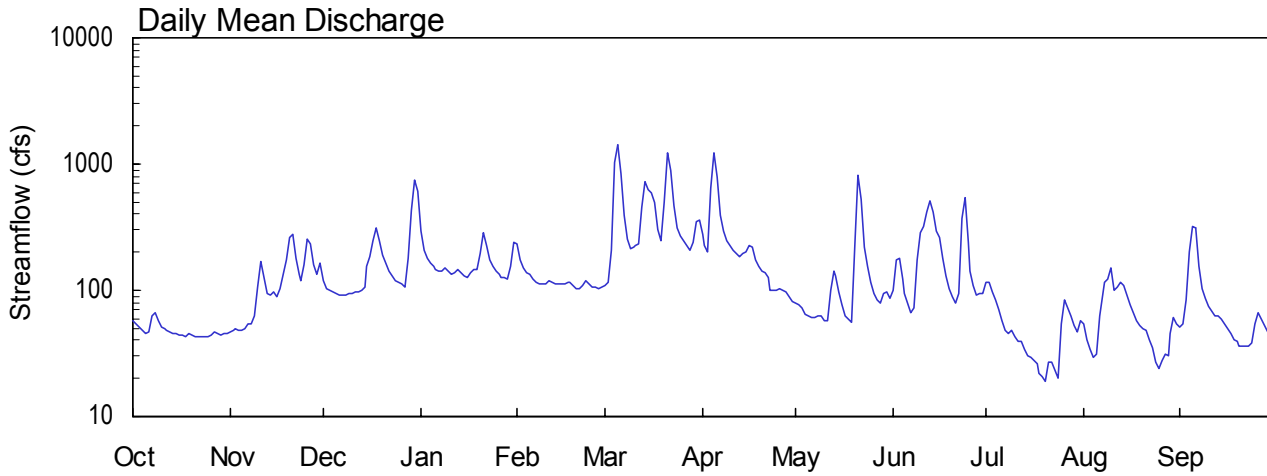
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.15	3.35	6.27	9.44	6.44	7.32	12.47	6.48	5.61	8.17	5.17	3.82
2	3.88	4.46	6.02	8.83	7.22	7.16	12.45	6.58	7.13	8.32	4.68	3.92
3	3.78	5.16	4.42	8.43	7.55	7.65	11.61	6.50	6.85	8.21	4.84	4.11
4	4.50	5.46	4.44	8.42	7.65	8.61	11.95	5.86	6.25	8.02	4.88	4.14
5	4.49	5.08	5.39	6.93	7.35	10.70	14.08	5.88	6.07	7.68	4.38	4.76
6	4.62	5.09	5.23	6.13	6.84	13.59	13.72	5.81	6.82	7.85	5.45	5.63
7	3.87	5.87	4.88	5.10	6.20	14.20	15.01	5.71	7.30	7.49	4.72	5.25
8	3.85	5.81	4.28	5.60	5.84	15.27	14.01	5.68	8.17	7.02	3.92	5.41
9	3.39	4.30	4.18	6.51	6.01	17.07	16.17	5.65	8.25	6.63	5.07	4.77
10	3.56	3.96	4.32	6.16	6.15	18.20	16.89	5.49	8.31	6.56	5.26	4.25
11	3.55	4.45	4.41	6.53	6.16	18.25	15.86	5.60	6.88	6.07	5.34	4.85
12	3.66	4.02	4.72	6.00	5.83	15.86	14.30	5.52	8.03	5.61	4.59	4.82
13	3.50	3.77	5.03	6.26	6.56	12.22	11.14	5.67	8.27	5.54	4.37	4.53
14	3.48	3.86	4.73	5.98	6.28	12.00	9.69	5.56	8.26	5.37	4.28	4.70
15	3.48	5.17	4.43	5.80	6.00	13.17	9.49	5.68	8.86	4.38	4.26	4.22
16	3.48	4.92	4.02	6.05	5.48	14.20	9.55	5.88	8.91	4.18	4.20	3.97
17	3.49	4.79	4.01	6.06	5.97	15.10	8.76	5.86	9.31	4.47	4.38	3.96
18	3.47	4.47	4.19	5.65	5.99	15.26	8.87	5.83	9.77	4.13	5.06	3.91
19	3.47	5.14	5.34	6.47	6.17	16.53	8.75	5.64	8.31	4.28	4.37	3.95
20	3.46	5.57	4.62	6.93	6.14	16.79	8.55	4.69	7.87	4.77	4.17	3.89
21	3.44	5.93	5.95	6.72	6.54	17.83	8.37	4.23	7.33	4.49	4.22	4.00
22	3.43	5.87	5.03	7.81	7.34	19.06	7.99	4.74	7.08	4.06	4.22	4.00
23	3.42	5.13	4.56	8.51	7.53	19.65	7.63	5.70	7.39	3.98	4.48	3.88
24	3.41	4.27	5.03	8.37	7.58	19.17	7.50	5.70	7.07	4.01	4.37	3.94
25	3.41	5.78	4.88	7.71	5.34	18.25	6.86	5.49	6.87	4.71	4.38	4.00
26	3.40	6.01	5.63	7.31	5.45	17.78	7.19	5.64	6.99	4.46	4.21	4.56
27	3.39	6.30	5.76	7.11	6.88	17.76	6.83	5.36	6.18	---	3.79	4.40
28	3.37	6.51	5.91	6.69	7.65	16.24	6.62	5.16	6.44	5.87	4.50	4.69
29	3.34	6.17	6.77	6.42	---	14.76	6.81	5.20	9.11	5.35	4.28	4.61
30	3.33	6.18	7.65	6.11	---	12.76	6.64	5.01	8.04	4.71	3.71	4.53
31	3.34	---	8.92	6.42	---	12.71	---	4.81	---	4.80	3.74	---
MEAN	3.63	5.10	5.19	6.85	6.51	14.68	10.53	5.57	7.59	---	4.49	4.38
MAX	4.62	6.51	8.92	9.44	7.65	19.65	16.89	6.58	9.77	---	5.45	5.63
MIN	3.33	3.35	4.01	5.10	5.34	7.16	6.62	4.23	5.61	---	3.71	3.82

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 212.6 feet Period of Record: 1959 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02353400 PACHITLA CREEK NEAR EDISON, GA**

**LOCATION.**--Lat 31°33'17", long 84°40'43", 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<sup>2</sup>.

**COOPERATION.**—Georgia Geologic Survey; Albany-Dougherty Planning Commission.

**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 sea level. 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<sup>3</sup>/s, from rating curve extended above 3,400 ft<sup>3</sup>/s on basis of slope-conveyance studies.

**PEAK DISCHARGES FOR CURRENT YEAR**--Peak discharges greater than base discharge of 1,100 ft<sup>3</sup>/s, and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 4	2330	1,630*	6.84
Mar.21	1030	1,340	6.56
Apr. 5	0715	1,310	6.53

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level. 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, water stage records prior to the 2001 water year are unpublished, but available upon request.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 6.84 feet, March 4; minimum gage-height recorded, 0.87 feet, July 20.



STATION NUMBER 02353400 PACHITLA CREEK NEAR EDISON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 313317 LONGITUDE 0844043 DRAINAGE AREA 188.00 DATUM 212.64 STATE 13 COUNTY 037

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	58	47	118	291	234	109	277	79	100	115	54	51
2	54	48	104	209	175	115	229	76	176	117	41	54
3	51	49	100	180	149	207	203	72	181	98	34	83
4	48	48	97	163	138	1040	655	64	122	84	29	204
5	46	48	93	154	132	1420	1220	63	95	71	31	318
6	47	50	92	147	124	845	781	61	80	57	62	314
7	62	55	91	142	117	395	398	61	67	48	94	157
8	66	55	92	140	114	253	293	63	73	46	117	103
9	57	62	93	150	112	215	247	62	175	48	123	86
10	51	106	95	143	114	217	224	57	284	43	150	75
11	50	169	96	133	119	224	209	58	317	39	99	68
12	48	128	98	137	117	236	194	99	415	39	105	63
13	47	94	100	148	113	450	183	140	508	34	117	63
14	46	92	105	138	112	719	198	131	416	30	109	59
15	45	96	154	131	114	620	203	98	297	29	91	54
16	44	88	186	128	114	595	223	77	260	28	78	50
17	44	104	244	139	115	501	222	63	179	26	67	46
18	43	135	310	145	117	306	174	59	130	22	58	41
19	46	173	250	147	108	244	153	56	103	21	53	39
20	44	262	188	195	103	504	142	218	89	19	49	36
21	43	280	165	285	104	1210	137	817	80	27	48	36
22	43	179	142	229	110	894	128	528	93	27	41	36
23	43	134	129	172	118	466	100	217	368	23	35	36
24	43	118	120	153	114	312	101	154	549	20	27	38
25	43	160	115	140	107	266	100	116	237	54	24	55
26	44	257	111	132	106	249	103	93	143	83	28	67
27	47	236	107	127	104	228	101	83	108	73	31	59
28	45	159	178	125	105	209	96	79	92	63	30	52
29	44	133	432	121	---	242	89	95	95	53	45	47
30	45	163	755	155	---	352	82	98	93	47	61	44
31	46	---	602	243	---	365	---	87	---	57	55	---
TOTAL	1483	3728	5562	5042	3409	14008	7465	4024	5925	1541	1986	2434
MEAN	47.8	124	179	163	122	452	249	130	198	49.7	64.1	81.1
MAX	66	280	755	291	234	1420	1220	817	549	117	150	318
MIN	43	47	91	121	103	109	82	56	67	19	24	36
CFSM	.25	.66	.95	.87	.65	2.40	1.32	.69	1.05	.26	.34	.43
IN.	.29	.74	1.10	1.00	.67	2.77	1.48	.80	1.17	.30	.39	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2001, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
MEAN	167	189	256	361	375	418	298	181	184	248	148	135
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	47.8	111	114	128	122	171	115	37.2	28.2	38.9	34.4	52.4
(WY)	2001	1991	1989	1989	2001	2000	2000	2000	2000	2000	2000	1968

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1959 - 2001

ANNUAL TOTAL	36902			56607					
ANNUAL MEAN	101			155			248		
HIGHEST ANNUAL MEAN							396		
LOWEST ANNUAL MEAN							104		
HIGHEST DAILY MEAN	755	Dec 30		1420	Mar 5		13500	Jul 7	1994
LOWEST DAILY MEAN	15	Jun 15		19	Jul 20		15	Jun 15	2000
ANNUAL SEVEN-DAY MINIMUM	16	Aug 18		23	Jul 18		16	Aug 18	2000
MAXIMUM PEAK FLOW				1630	Mar 4		43000	Jul 6	1994
MAXIMUM PEAK STAGE				6.84	Mar 4		14.22	Jul 6	1994
ANNUAL RUNOFF (CFSM)	.54			.82			1.32		
ANNUAL RUNOFF (INCHES)	7.30			11.20			17.93		
10 PERCENT EXCEEDS	188			295			465		
50 PERCENT EXCEEDS	81			104			166		
90 PERCENT EXCEEDS	23			43			74		

STATISTICS COMPUTED BY: msreynol

DATE: 01/24/2002 AT: 13:59:45

STATION NUMBER 02353400 PACHITLA CREEK NEAR EDISON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 313317 LONGITUDE 0844043 DRAINAGE AREA 188.00 DATUM 212.64 STATE 13 COUNTY 037

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

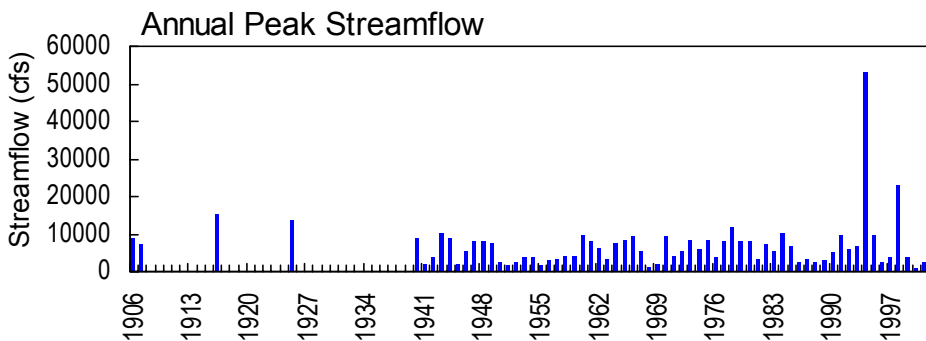
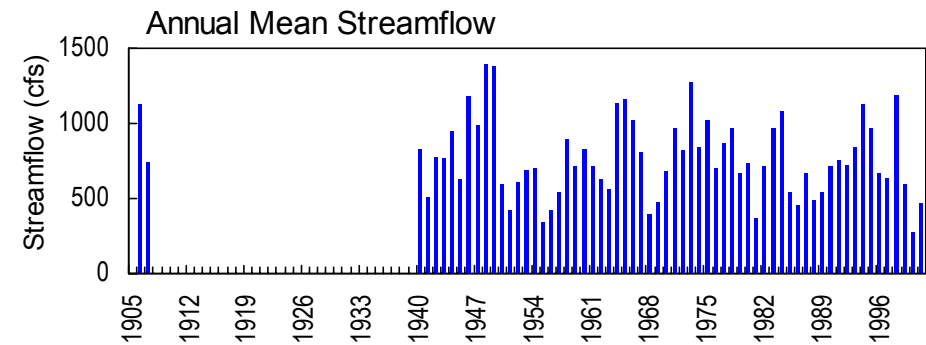
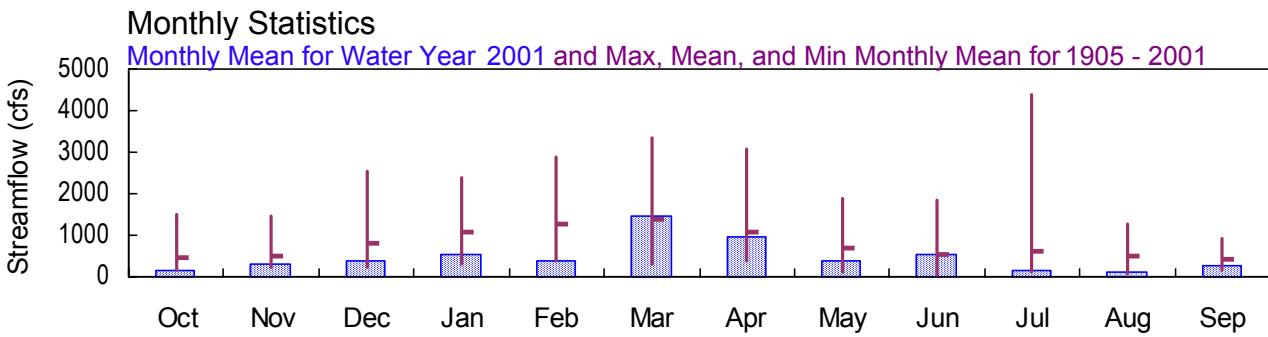
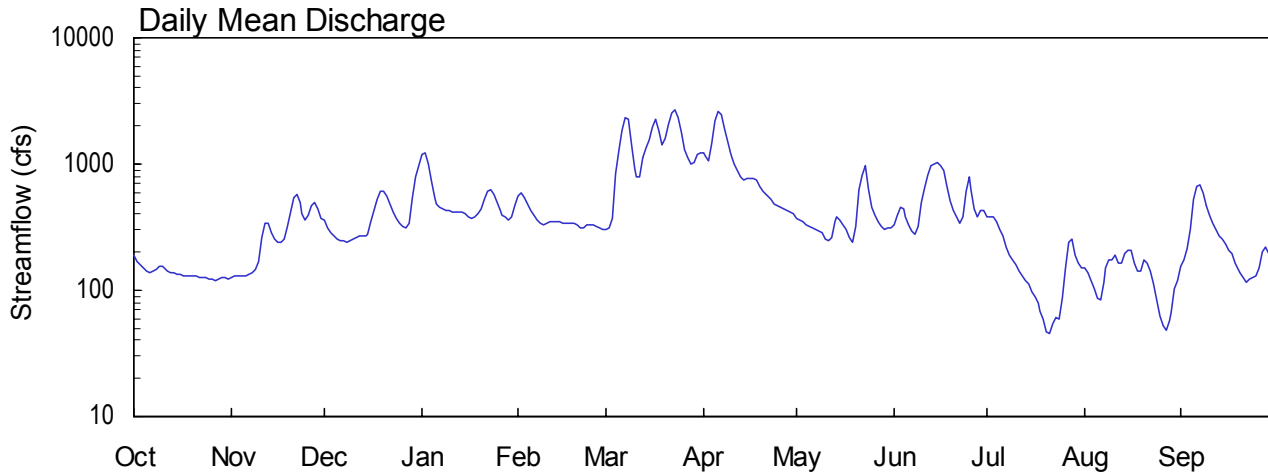
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.06	1.80	3.02	4.51	4.17	2.90	4.45	2.44	2.77	2.99	1.97	1.89
2	1.97	1.83	2.84	3.99	3.68	2.98	4.15	2.40	3.68	3.01	1.64	1.98
3	1.89	1.85	2.78	3.73	3.40	3.87	3.94	2.32	3.73	2.74	1.44	2.49
4	1.83	1.83	2.72	3.56	3.28	6.09	5.49	2.18	3.07	2.53	1.29	3.92
5	1.79	1.84	2.67	3.45	3.20	6.64	6.42	2.16	2.69	2.31	1.34	4.66
6	1.81	1.88	2.65	3.38	3.10	5.90	5.79	2.12	2.47	2.03	2.12	4.63
7	2.14	1.98	2.64	3.32	3.01	4.92	4.95	2.12	2.23	1.83	2.68	3.48
8	2.22	1.99	2.65	3.30	2.97	4.31	4.53	2.15	2.33	1.78	3.01	2.84
9	2.03	2.13	2.66	3.41	2.95	4.05	4.28	2.13	3.64	1.82	3.08	2.59
10	1.91	2.85	2.69	3.34	2.97	4.06	4.12	2.04	4.48	1.70	3.41	2.42
11	1.88	3.61	2.71	3.21	3.05	4.11	3.99	2.06	4.65	1.61	2.75	2.31
12	1.84	3.15	2.75	3.26	3.02	4.18	3.86	2.74	5.01	1.59	2.84	2.23
13	1.80	2.69	2.77	3.39	2.95	5.09	3.76	3.30	5.27	1.45	3.01	2.22
14	1.78	2.66	2.85	3.28	2.95	5.71	3.90	3.19	5.02	1.33	2.90	2.17
15	1.76	2.71	3.45	3.19	2.98	5.52	3.93	2.74	4.55	1.29	2.63	2.05
16	1.74	2.59	3.78	3.16	2.97	5.46	4.10	2.42	4.36	1.25	2.43	1.99
17	1.72	2.82	4.25	3.29	2.99	5.24	4.09	2.16	3.70	1.17	2.23	1.91
18	1.70	3.23	4.61	3.36	3.01	4.59	3.67	2.08	3.17	1.04	2.06	1.79
19	1.77	3.64	4.27	3.39	2.89	4.26	3.45	2.01	2.82	.99	1.95	1.74
20	1.72	4.36	3.81	3.86	2.82	5.16	3.33	3.87	2.61	.91	1.86	1.67
21	1.71	4.46	3.57	4.49	2.83	6.41	3.26	5.83	2.47	1.21	1.82	1.69
22	1.72	3.71	3.32	4.14	2.92	5.98	3.14	5.25	2.64	1.21	1.66	1.69
23	1.72	3.23	3.17	3.65	3.03	5.14	2.77	4.05	4.76	1.08	1.48	1.69
24	1.71	3.03	3.05	3.44	2.97	4.63	2.79	3.45	5.34	.95	1.21	1.76
25	1.71	3.51	2.99	3.30	2.87	4.40	2.78	2.99	4.16	1.89	1.12	2.17
26	1.73	4.33	2.93	3.20	2.86	4.30	2.82	2.67	3.33	2.52	1.26	2.42
27	1.79	4.18	2.88	3.14	2.84	4.15	2.80	2.50	2.89	2.34	1.36	2.25
28	1.75	3.51	3.63	3.11	2.85	3.99	2.72	2.45	2.66	2.15	1.31	2.10
29	1.74	3.21	5.03	3.08	---	4.23	2.60	2.70	2.70	1.94	1.74	1.99
30	1.75	3.55	5.77	3.46	---	4.80	2.49	2.74	2.67	1.80	2.12	1.90
31	1.77	---	5.46	4.24	---	4.85	---	2.57	---	2.02	1.98	---
MEAN	1.82	2.94	3.37	3.50	3.05	4.77	3.81	2.77	3.53	1.76	2.05	2.35
MAX	2.22	4.46	5.77	4.51	4.17	6.64	6.42	5.83	5.34	3.01	3.41	4.66
MIN	1.70	1.80	2.64	3.08	2.82	2.90	2.49	2.01	2.23	.91	1.12	1.67

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 150.3 feet Period of Record: 1905 - 2001



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA**

**LOCATION.**--Lat 31°22'58", long 84°32'52", Baker County, Hydrologic Unit 03130009, on downstream end of left bank pier of bridge on GA Highway 216 at Milford, 2.2 miles upstream from Alligator Creek, and 5.5 miles upstream from Chickasawhatchee Creek.

**DRAINAGE AREA.**--620 mi<sup>2</sup>, 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 sea level (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<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 3,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Mar. 23	0200	2,760*	5.60*

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (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, 5.60 feet, March 23; minimum gage-height recorded, 0.10 feet, July 20-21, Aug. 26-27.

STATION NUMBER 02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 312258 LONGITUDE 0843252 DRAINAGE AREA 620.00 DATUM 150.30 STATE 13 COUNTY 007

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	190	128	357	1190	564	305	1230	375	329	382	150	154
2	168	130	314	1230	590	309	1150	361	390	386	138	172
3	159	131	285	1000	542	372	1070	346	452	379	118	216
4	151	131	269	718	482	838	1470	329	441	353	102	301
5	140	131	256	548	431	1260	2190	320	378	305	86	529
6	139	131	249	488	394	1850	2590	312	328	267	83	663
7	142	132	246	461	365	2330	2450	302	291	221	117	683
8	147	139	242	441	343	2290	1910	298	276	192	152	584
9	156	144	248	428	335	1420	1490	283	323	173	173	470
10	153	170	253	425	342	925	1190	256	497	161	173	389
11	147	259	265	420	347	781	1010	249	639	143	192	336
12	143	343	271	417	354	795	900	263	815	129	162	304
13	139	339	271	415	350	1120	802	351	958	118	164	272
14	138	284	270	417	349	1340	741	381	1010	111	197	252
15	135	251	279	400	345	1550	769	364	1040	98	208	231
16	133	239	346	380	345	1950	769	334	978	89	207	210
17	131	237	433	372	344	2280	780	300	882	79	166	193
18	131	256	521	382	345	1850	740	265	672	69	143	166
19	130	324	601	406	337	1420	662	243	508	60	141	146
20	129	422	609	447	331	1590	617	320	432	47	173	136
21	129	537	555	533	313	2090	579	631	377	46	165	126
22	127	578	478	617	314	2560	548	806	342	55	140	116
23	127	499	416	626	328	2680	527	970	383	61	112	122
24	126	404	372	573	330	2330	486	631	613	60	83	125
25	122	358	342	503	328	1770	464	459	786	87	62	129
26	121	390	322	435	324	1310	449	395	631	149	52	151
27	120	475	309	399	312	1120	439	351	440	237	48	199
28	122	500	340	378	304	992	428	318	387	252	58	219
29	125	436	544	365	---	1020	416	302	429	188	67	197
30	126	372	795	379	---	1180	401	310	425	162	102	174
31	124	---	983	471	---	1220	---	310	---	149	120	---
TOTAL	4270	8870	12041	16264	10388	44847	29267	11735	16452	5208	4054	7965
MEAN	138	296	388	525	371	1447	976	379	548	168	131	266
MAX	190	578	983	1230	590	2680	2590	970	1040	386	208	683
MIN	120	128	242	365	304	305	401	243	276	46	48	116
CFSM	.22	.48	.63	.85	.60	2.33	1.57	.61	.88	.27	.21	.43
IN.	.26	.53	.72	.98	.62	2.69	1.76	.70	.99	.31	.24	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1905 - 2001, BY WATER YEAR (WY)

	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	453	499	814	1091	1256	1366	1078	682	546	624	482	405																																																																																					
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	215	241	304	371	315	374	124	41.7	96.6	87.2	145																																																																																					
(WY)	2001	1956	1956	1956	2001	1955	1968	2000	2000	1986	2000	1954																																																																																					

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1905 - 2001

ANNUAL TOTAL	96772.6	171361	
ANNUAL MEAN	264	469	770
HIGHEST ANNUAL MEAN			1391
LOWEST ANNUAL MEAN			275
HIGHEST DAILY MEAN	983	Dec 31	2680
LOWEST DAILY MEAN	6.6	Aug 22	46
ANNUAL SEVEN-DAY MINIMUM	17	Aug 27	57
MAXIMUM PEAK FLOW			2760
MAXIMUM PEAK STAGE			5.60
INSTANTANEOUS LOW FLOW			5.0
ANNUAL RUNOFF (CFSM)	.43		.76
ANNUAL RUNOFF (INCHES)	5.81		10.28
10 PERCENT EXCEEDS	547		1010
50 PERCENT EXCEEDS	240		339
90 PERCENT EXCEEDS	36		126

STATISTICS COMPUTED BY: msreynol

DATE: 01/31/2002 AT: 14:14:14

STATION NUMBER 02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 312258 LONGITUDE 0843252 DRAINAGE AREA 620.00 DATUM 150.30 STATE 13 COUNTY 007

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

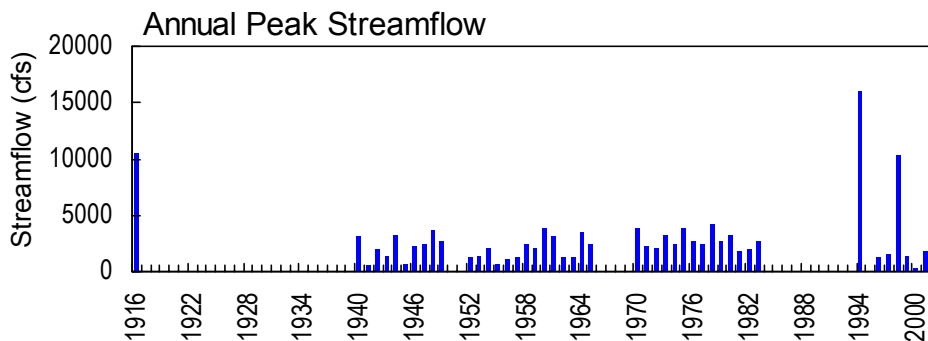
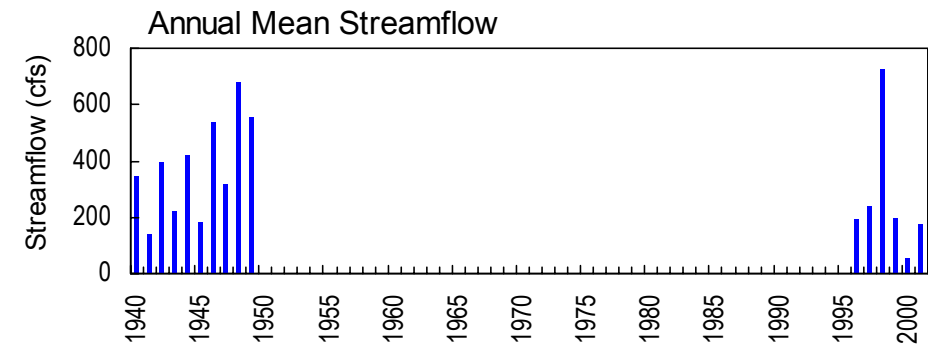
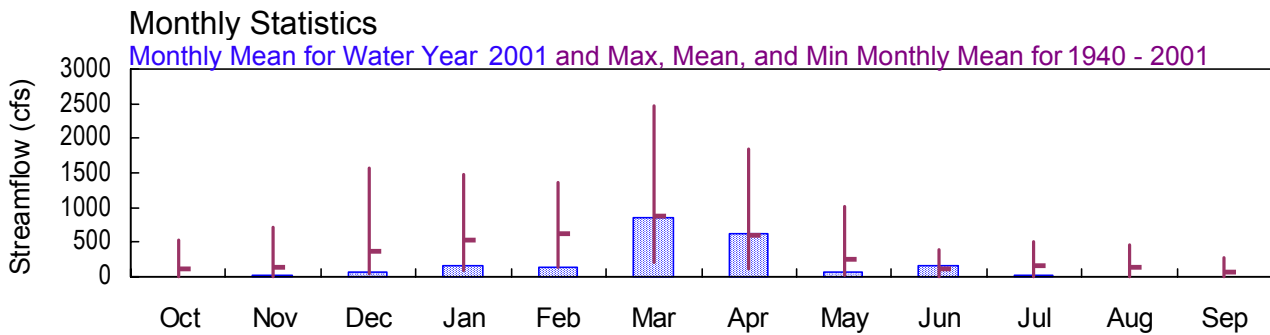
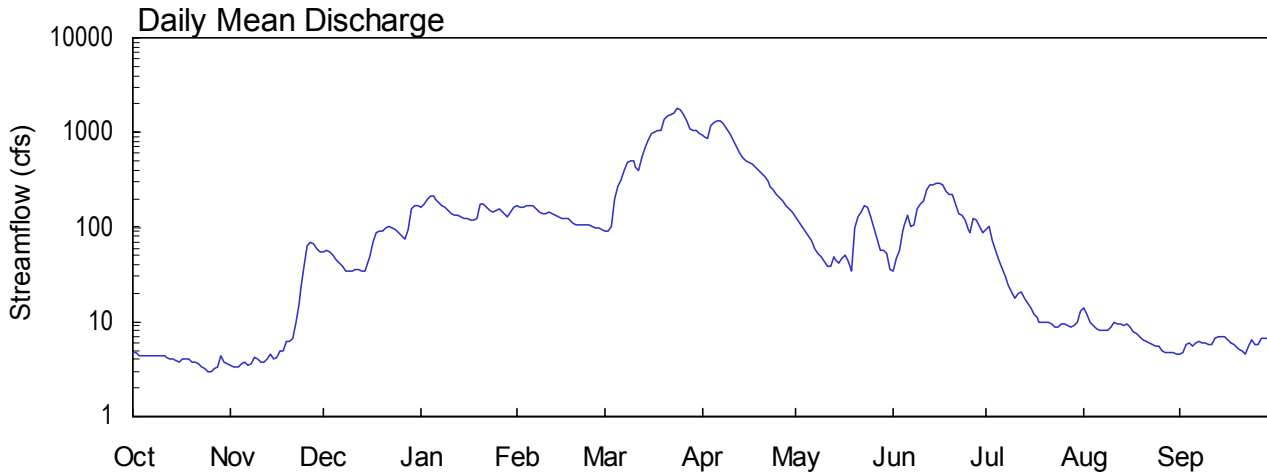
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.08	.79	1.44	2.62	1.75	1.34	2.64	1.31	1.20	1.37	.91	.80
2	1.01	.79	1.35	2.70	1.78	1.35	2.49	1.28	1.34	1.38	.84	.86
3	.96	.80	1.30	2.31	1.72	1.46	2.34	1.24	1.46	1.37	.72	.99
4	.92	.81	1.26	1.93	1.63	2.05	3.18	1.20	1.44	1.33	.62	1.19
5	.85	.81	1.24	1.73	1.56	2.73	4.62	1.18	1.31	1.23	.49	1.61
6	.85	.80	1.22	1.64	1.50	3.98	5.32	1.16	1.20	1.15	.47	1.82
7	.87	.81	1.21	1.60	1.45	4.87	5.08	1.14	1.11	1.04	.71	1.84
8	.89	.85	1.20	1.57	1.41	4.80	4.11	1.13	1.07	.95	.92	1.70
9	.95	.87	1.22	1.56	1.40	3.08	3.22	1.09	1.19	.89	1.02	1.52
10	.93	1.00	1.23	1.55	1.41	2.15	2.57	1.02	1.54	.84	1.03	1.38
11	.89	1.24	1.25	1.54	1.42	1.97	2.26	1.00	1.77	.77	1.08	1.29
12	.87	1.41	1.27	1.53	1.43	1.99	2.11	1.04	2.01	.71	.98	1.23
13	.85	1.40	1.27	1.53	1.42	2.45	2.00	1.25	2.18	.66	.98	1.18
14	.84	1.30	1.27	1.53	1.42	2.89	1.92	1.32	2.25	.62	1.09	1.15
15	.83	1.22	1.28	1.51	1.41	3.36	1.96	1.28	2.29	.54	1.12	1.12
16	.82	1.20	1.41	1.48	1.41	4.19	1.96	1.21	2.21	.49	1.12	1.08
17	.81	1.20	1.56	1.46	1.41	4.78	1.97	1.13	2.10	.42	.99	1.05
18	.80	1.24	1.69	1.48	1.41	3.98	1.92	1.04	1.82	.34	.87	.98
19	.79	1.37	1.79	1.52	1.40	3.07	1.81	.98	1.56	.26	.86	.91
20	.79	1.54	1.80	1.58	1.39	3.44	1.74	1.17	1.42	.12	1.02	.87
21	.79	1.71	1.73	1.71	1.36	4.44	1.68	1.76	1.31	.11	.99	.84
22	.77	1.76	1.63	1.81	1.36	5.26	1.63	2.00	1.23	.21	.85	.79
23	.77	1.66	1.53	1.83	1.38	5.47	1.60	2.20	1.32	.27	.68	.84
24	.77	1.51	1.46	1.76	1.39	4.88	1.52	1.75	1.73	.26	.46	.86
25	.75	1.44	1.41	1.67	1.38	3.81	1.49	1.47	1.98	.49	.28	.89
26	.74	1.49	1.37	1.56	1.37	2.83	1.46	1.35	1.76	.89	.17	1.01
27	.73	1.62	1.35	1.51	1.35	2.43	1.44	1.25	1.45	1.19	.13	1.14
28	.75	1.66	1.40	1.47	1.33	2.23	1.42	1.18	1.36	1.23	.24	1.19
29	.76	1.56	1.71	1.45	---	2.27	1.39	1.14	1.44	1.07	.31	1.14
30	.77	1.46	2.02	1.47	---	2.55	1.36	1.16	1.44	.98	.57	1.08
31	.76	---	2.27	1.62	---	2.64	---	1.16	---	.91	.65	---
MEAN	.84	1.24	1.46	1.68	1.45	3.19	2.34	1.28	1.58	.78	.75	1.14
MAX	1.08	1.76	2.27	2.70	1.78	5.47	5.32	2.20	2.29	1.38	1.12	1.84
MIN	.73	.79	1.20	1.45	1.33	1.34	1.36	.98	1.07	.11	.13	.79

# APALACHICOLA RIVER BASIN

## 2001 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<sup>2</sup> Datum: 137.7 feet Period of Record: 1940 - 2001





**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA**

**LOCATION.**--Lat 31°21'02", long 84°28'57", Baker County, Hydrologic Unit 03130009, at bridge on GA Highway 37 at Elmodel, 2.0 miles upstream from confluence with Ichawaynochaway Creek.

**DRAINAGE AREA.**--320 mi<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s from rating curve extended above 9,400 ft<sup>3</sup>/s. Minimum discharge observed 1.2 ft<sup>3</sup>/s, October 21, 1954.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 1500 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.24	1730	1,830*	8.18*
No other peaks greater than base discharge			

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level (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, 8.18 feet, March 24; minimum gage-height recorded, -0.38 feet, October 25-26.

STATION NUMBER 02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 312102 LONGITUDE 0842857 DRAINAGE AREA 320.00 DATUM 137.73 STATE 13 COUNTY 007

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	4.8	3.5	54	164	166	92	938	130	35	93	14	4.6
2	4.7	3.4	56	173	163	90	901	116	46	101	12	4.8
3	4.4	3.3	55	200	162	102	857	103	58	72	10	5.7
4	4.3	3.3	50	216	167	198	1160	92	89	57	9.0	5.9
5	4.3	3.6	45	213	172	269	1260	81	104	45	8.5	5.5
6	4.3	3.7	41	198	166	319	1330	71	134	37	8.3	5.9
7	4.4	3.5	38	182	156	390	1300	59	101	30	8.0	6.2
8	4.4	3.6	35	170	145	476	1220	53	106	24	8.2	5.9
9	4.4	4.2	34	160	139	506	1110	48	159	21	8.2	6.0
10	4.3	4.1	35	150	140	493	981	43	176	18	8.8	5.7
11	4.3	3.8	36	141	145	432	844	39	192	20	10	5.8
12	4.2	3.8	36	136	140	400	716	39	253	21	9.5	6.7
13	4.1	4.0	35	134	133	551	610	48	278	18	9.5	7.0
14	4.1	4.6	34	130	127	680	534	45	282	16	9.3	7.0
15	3.9	4.1	39	125	124	825	494	42	293	14	9.4	6.9
16	3.8	4.2	48	122	122	955	485	47	288	12	8.8	6.5
17	4.0	5.0	69	120	123	1010	459	50	277	11	7.9	6.0
18	4.0	4.9	86	119	117	1030	428	43	239	10	7.4	5.7
19	4.0	6.3	92	126	111	1050	399	34	226	9.8	7.0	5.3
20	3.8	6.3	90	173	106	1380	370	97	225	10	6.5	5.1
21	3.7	6.7	98	176	104	1470	336	130	177	10	6.2	4.9
22	3.6	10	101	165	106	1520	303	143	137	9.4	6.0	4.6
23	3.4	16	97	151	106	1580	274	169	136	8.9	5.7	5.6
24	3.2	22	93	146	104	1780	248	160	117	8.9	5.5	6.4
25	3.0	39	87	153	101	1760	225	127	93	9.5	5.6	5.8
26	3.0	63	80	157	100	1560	205	100	88	9.6	5.0	5.7
27	3.2	70	74	149	98	1320	187	76	122	9.1	4.8	6.6
28	3.3	66	94	140	95	1090	170	57	118	8.9	4.8	6.8
29	4.4	59	154	131	---	1030	156	56	103	9.2	4.8	6.6
30	3.8	55	171	144	---	1030	142	52	87	9.8	4.7	6.2
31	3.6	---	168	162	---	989	---	36	---	13	4.6	---
TOTAL	122.7	489.9	2225	4826	3638	26377	18642	2386	4739	746.1	238.0	177.4
MEAN	3.96	16.3	71.8	156	130	851	621	77.0	158	24.1	7.68	5.91
MAX	4.8	70	171	216	172	1780	1330	169	293	101	14	7.0
MIN	3.0	3.3	34	119	95	90	142	34	35	8.9	4.6	4.6
CFSM	.01	.05	.22	.49	.41	2.66	1.94	.24	.49	.08	.02	.02
IN.	.01	.06	.26	.56	.42	3.07	2.17	.28	.55	.09	.03	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2001, BY WATER YEAR (WY)

MEAN	117	143	365	534	614	888	591	261	116	161	140	79.6
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	10.1	40.5	101	130	197	125	16.1	2.55	2.29	2.00	3.84
(WY)	2001	2000	1944	2000	2001	2000	1999	2000	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1940 - 2001

ANNUAL TOTAL	22163.5	64607.1										
ANNUAL MEAN	60.6	177								337		
HIGHEST ANNUAL MEAN										723		1998
LOWEST ANNUAL MEAN										58.8		2000
HIGHEST DAILY MEAN	343	Apr 4				1780	Mar 24			9850		Mar 11 1998
LOWEST DAILY MEAN	1.3	Aug 23				3.0	Oct 25			1.3		Aug 23 2000
ANNUAL SEVEN-DAY MINIMUM	1.4	Aug 23				3.2	Oct 22			1.4		Aug 23 2000
MAXIMUM PEAK FLOW						1830	Mar 24			10400		Mar 11 1998
MAXIMUM PEAK STAGE						8.18	Mar 24			17.09		Mar 11 1998
ANNUAL RUNOFF (CFSM)	.19					.55				1.05		
ANNUAL RUNOFF (INCHES)	2.58					7.51				14.29		
10 PERCENT EXCEEDS	189					488				912		
50 PERCENT EXCEEDS	6.1					59				134		
90 PERCENT EXCEEDS	2.1					4.3				11		

STATISTICS COMPUTED BY: jkjoiner

DATE: 03/29/2002 AT: 10:15:47

STATION NUMBER 02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 312102 LONGITUDE 0842857 DRAINAGE AREA 320.00 DATUM 137.73 STATE 13 COUNTY 007

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

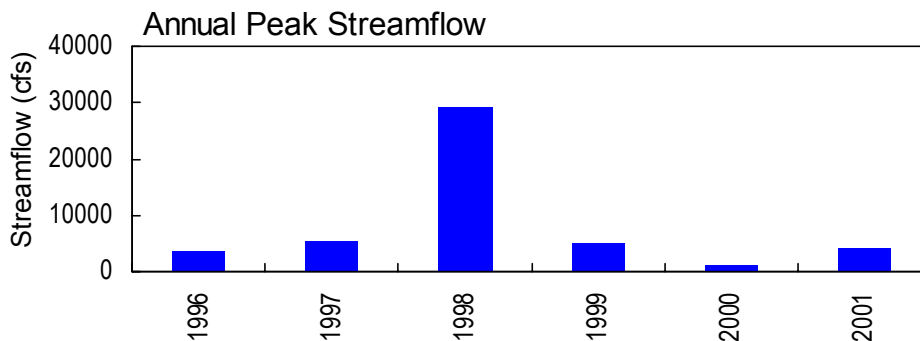
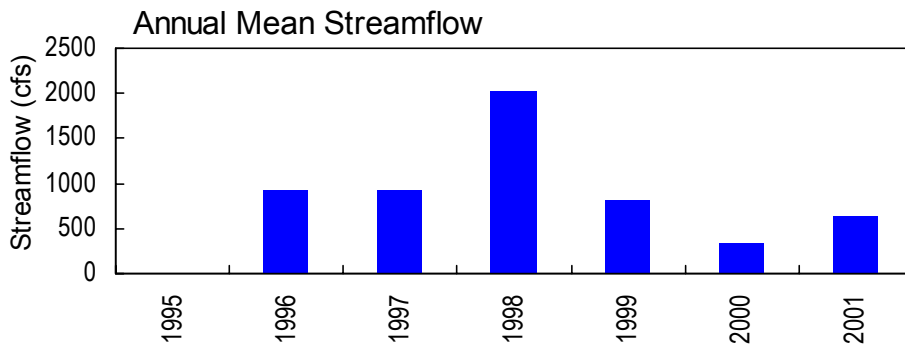
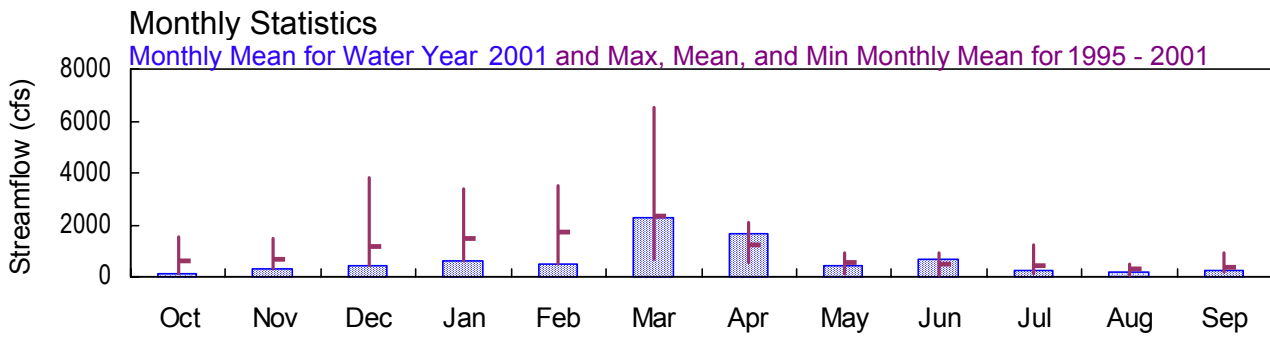
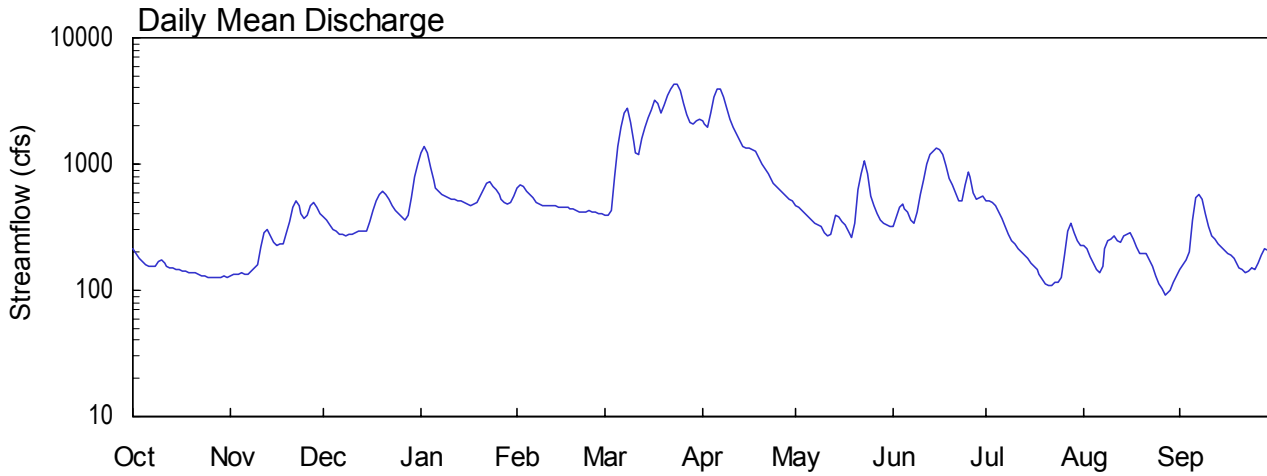
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-.32	-.36	.28	.97	1.00	.53	4.90	.74	.13	.51	-.10	-.27
2	-.32	-.36	.29	1.03	.98	.52	4.75	.65	.22	.56	-.13	-.27
3	-.33	-.36	.29	1.21	.98	.60	4.56	.57	.30	.39	-.16	-.24
4	-.33	-.36	.25	1.32	1.02	1.22	5.78	.51	.49	.30	-.18	-.24
5	-.33	-.35	.21	1.30	1.04	1.66	6.15	.44	.57	.22	-.19	-.25
6	-.33	-.35	.18	1.20	1.01	1.95	6.40	.38	.76	.16	-.19	-.24
7	-.33	-.36	.16	1.10	.93	2.36	6.30	.31	.56	.09	-.20	-.23
8	-.33	-.35	.14	1.02	.87	2.82	6.00	.27	.59	.03	-.20	-.24
9	-.33	-.33	.13	.96	.82	2.98	5.58	.24	.93	-.01	-.20	-.23
10	-.33	-.34	.14	.88	.83	2.91	5.07	.20	1.05	-.05	-.19	-.24
11	-.33	-.35	.14	.82	.87	2.59	4.51	.17	1.17	-.02	-.16	-.24
12	-.33	-.35	.14	.80	.83	2.41	3.97	.17	1.56	.00	-.17	-.22
13	-.34	-.34	.13	.78	.79	3.20	3.49	.23	1.71	-.04	-.17	-.21
14	-.34	-.32	.13	.76	.75	3.81	3.12	.21	1.74	-.07	-.17	-.21
15	-.34	-.34	.17	.73	.73	4.43	2.92	.19	1.80	-.10	-.17	-.21
16	-.35	-.33	.24	.72	.72	4.96	2.87	.23	1.77	-.12	-.18	-.22
17	-.34	-.31	.37	.70	.72	5.18	2.73	.25	1.71	-.14	-.20	-.24
18	-.34	-.31	.47	.70	.69	5.26	2.57	.20	1.47	-.16	-.21	-.24
19	-.34	-.27	.51	.75	.65	5.32	2.41	.13	1.39	-.17	-.22	-.25
20	-.35	-.27	.50	1.05	.62	6.59	2.25	.54	1.38	-.16	-.23	-.26
21	-.35	-.26	.54	1.08	.61	6.91	2.05	.74	1.06	-.15	-.24	-.26
22	-.35	-.17	.56	1.00	.62	7.11	1.86	.82	.79	-.17	-.25	-.27
23	-.36	-.07	.54	.91	.62	7.33	1.69	1.01	.78	-.18	-.25	-.25
24	-.37	.01	.51	.87	.61	8.01	1.53	.94	.66	-.18	-.26	-.23
25	-.38	.16	.48	.92	.59	7.94	1.38	.72	.51	-.17	-.26	-.24
26	-.37	.33	.44	.94	.59	7.26	1.25	.56	.49	-.17	-.26	-.24
27	-.37	.38	.40	.89	.57	6.37	1.13	.41	.69	-.18	-.27	-.22
28	-.36	.35	.52	.83	.55	5.49	1.01	.30	.66	-.18	-.27	-.22
29	-.33	.31	.90	.78	---	5.27	.92	.29	.57	-.18	-.27	-.22
30	-.35	.28	1.02	.86	---	5.26	.82	.26	.48	-.16	-.27	-.23
31	-.35	---	1.00	.98	---	5.10	---	.15	---	-.12	-.27	---
MEAN	-.34	-.18	.38	.93	.77	4.30	3.33	.41	.93	-.02	-.21	-.24
MAX	-.32	.38	1.02	1.32	1.04	8.01	6.40	1.01	1.80	.56	-.10	-.21
MIN	-.38	-.36	.13	.70	.55	.52	.82	.13	.13	-.18	-.27	-.27

# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02354800 ICHAWAYNOCHAWAY CREEK NEAR ELMODEL, GA

Latitude: 31° 17' 42" Longitude: 84° 29' 17" Hydrologic Unit Code: 03130009 Baker County  
 Drainage Area: 1000 mi<sup>2</sup> Datum: 140 feet Period of Record: 1995 - 2001



USGS  
 02354800 Ichawaynochaway Creek near Elmodel, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02354800 ICHAWAYNOCHAWAY CREEK NEAR ELMODEL, GA**

**LOCATION.**--Lat 31°17'42", long 84°29'17", 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 Highway 200, 9.0 miles west-southwest of Newton, and 3.7 miles south of Elmodel.

**DRAINAGE AREA.**--1,000 mi<sup>2</sup>, 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 sea level (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 3500 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar. 23	2100	4,380*	12.30*
Apr. 7	0200	4,100	11.88

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- April 1995 to current year.

**GAGE.**-- Water-stage recorder. Datum of gage is 140 feet above sea level (from topographic map).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded 12.30 feet, March 23; minimum gage-height recorded 3.24 feet, August 27-28.

STATION NUMBER 02354800 ICHAWAYNOCHAWAY CREEK NEAR ELMODEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311742 LONGITUDE 0842917 DRAINAGE AREA 1000. DATUM STATE 13 COUNTY 007

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	213	130	387	1240	652	396	2190	474	322	509	227	144
2	194	132	360	1370	692	399	2090	449	380	515	215	158
3	180	132	327	1220	661	434	1960	426	461	492	187	175
4	171	135	307	931	616	799	2570	404	482	463	166	203
5	159	136	292	737	574	1360	3430	385	442	417	147	358
6	153	135	281	654	539	1930	3910	364	420	367	136	540
7	157	134	275	610	503	2510	3970	344	365	318	156	580
8	157	140	270	580	476	2770	3370	332	341	276	211	521
9	171	151	274	558	462	2130	2780	317	417	249	245	406
10	172	160	276	541	464	1490	2290	286	570	232	251	324
11	164	217	286	531	471	1240	1960	273	747	216	267	273
12	157	282	292	523	469	1180	1740	278	997	204	246	252
13	152	306	291	518	463	1610	1560	347	1200	190	237	232
14	149	269	292	516	456	1960	1390	399	1280	177	266	222
15	147	238	298	503	452	2310	1350	384	1340	165	281	209
16	145	229	347	485	449	2730	1350	355	1290	154	289	198
17	143	230	431	473	449	3200	1310	328	1200	144	251	191
18	141	236	505	477	444	2990	1250	290	978	132	217	180
19	139	283	579	502	438	2530	1110	262	773	122	193	161
20	137	349	602	562	432	2920	1010	337	690	113	193	152
21	136	449	573	635	415	3540	920	625	586	109	196	147
22	133	506	524	703	415	3970	843	842	506	110	176	136
23	131	474	470	721	423	4330	787	1070	512	115	153	140
24	130	408	432	673	425	4310	714	838	675	116	131	152
25	128	372	403	624	423	3820	659	560	858	127	113	147
26	125	397	382	567	418	3020	619	463	796	192	104	162
27	126	463	364	526	411	2500	587	405	594	292	92	192
28	125	501	395	498	401	2130	560	358	530	341	97	215
29	127	460	546	479	---	2070	529	341	549	285	100	206
30	130	407	786	491	---	2210	505	330	553	249	117	190
31	126	---	989	564	---	2230	---	323	---	228	130	---
TOTAL	4618	8461	12836	20012	13493	71018	49313	13189	20854	7619	5790	7166
MEAN	149	282	414	646	482	2291	1644	425	695	246	187	239
MAX	213	506	989	1370	692	4330	3970	1070	1340	515	289	580
MIN	125	130	270	473	401	396	505	262	322	109	92	136
CFSM	.15	.28	.41	.65	.48	2.29	1.64	.43	.70	.25	.19	.24
IN.	.17	.31	.48	.74	.50	2.64	1.83	.49	.78	.28	.22	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2001, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001
MEAN	605	674	1174	1507	1738	2335	1206
MAX	1565	1452	3785	3413	3496	6498	2063
(WY)	1999	1998	1998	1998	1998	1998	1995
MIN	149	282	414	605	482	694	532
(WY)	2001	2001	2001	2000	2001	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1995 - 2001

ANNUAL TOTAL	118682	234369	
ANNUAL MEAN	324	642	946
HIGHEST ANNUAL MEAN			2029
LOWEST ANNUAL MEAN			344
HIGHEST DAILY MEAN	1110	Apr 2	4330
LOWEST DAILY MEAN	24	Aug 23	92
ANNUAL SEVEN-DAY MINIMUM	30	Aug 28	108
MAXIMUM PEAK FLOW			4380
MAXIMUM PEAK STAGE			12.30
ANNUAL RUNOFF (CFSM)	.32		.64
ANNUAL RUNOFF (INCHES)	4.41		8.72
10 PERCENT EXCEEDS	695	1520	2170
50 PERCENT EXCEEDS	238	403	531
90 PERCENT EXCEEDS	52	137	173

STATISTICS COMPUTED BY: rnichols

DATE: 03/06/2002 AT: 08:44:50

STATION NUMBER 02354800 ICHAWAYNOCHAWAY CREEK NEAR ELMODEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311742 LONGITUDE 0842917 DRAINAGE AREA 1000. DATUM STATE 13 COUNTY 007

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	3.53	4.49	6.50	5.27	4.52	8.51	4.78	4.30	4.78	3.90	3.53
2	3.83	3.54	4.42	6.75	5.37	4.53	8.29	4.70	4.48	4.79	3.85	3.60
3	3.77	3.54	4.32	6.45	5.29	4.65	8.03	4.62	4.74	4.73	3.73	3.67
4	3.72	3.56	4.26	5.90	5.18	5.59	9.26	4.55	4.80	4.64	3.63	3.80
5	3.67	3.56	4.21	5.47	5.07	6.73	10.82	4.49	4.68	4.50	3.55	4.33
6	3.64	3.56	4.17	5.28	4.97	7.94	11.58	4.43	4.60	4.36	3.49	4.86
7	3.66	3.55	4.15	5.16	4.87	9.16	11.68	4.37	4.43	4.22	3.59	4.97
8	3.66	3.58	4.13	5.09	4.78	9.64	10.71	4.34	4.36	4.08	3.84	4.81
9	3.73	3.63	4.14	5.02	4.74	8.37	9.66	4.29	4.58	3.99	3.97	4.48
10	3.73	3.67	4.15	4.98	4.75	7.00	8.72	4.19	5.03	3.92	3.99	4.24
11	3.69	3.93	4.19	4.95	4.77	6.49	8.02	4.14	5.47	3.85	4.05	4.09
12	3.66	4.17	4.21	4.92	4.76	6.38	7.52	4.16	6.02	3.81	3.97	4.02
13	3.64	4.26	4.20	4.91	4.74	7.25	7.13	4.38	6.41	3.74	3.94	3.95
14	3.63	4.13	4.21	4.91	4.72	8.03	6.78	4.53	6.56	3.68	4.05	3.91
15	3.62	4.01	4.23	4.87	4.71	8.76	6.70	4.48	6.68	3.63	4.10	3.86
16	3.61	3.98	4.38	4.81	4.70	9.57	6.70	4.40	6.59	3.58	4.13	3.82
17	3.60	3.98	4.64	4.78	4.70	10.42	6.63	4.32	6.40	3.53	3.99	3.79
18	3.59	4.00	4.87	4.79	4.68	10.05	6.51	4.20	5.95	3.47	3.86	3.75
19	3.57	4.18	5.08	4.86	4.66	9.19	6.25	4.10	5.47	3.42	3.76	3.66
20	3.57	4.39	5.14	5.04	4.64	9.92	6.06	4.34	5.26	3.37	3.76	3.63
21	3.56	4.70	5.07	5.23	4.59	11.00	5.88	5.19	4.98	3.34	3.77	3.61
22	3.54	4.88	4.93	5.39	4.59	11.68	5.71	5.71	4.77	3.35	3.68	3.56
23	3.53	4.78	4.77	5.43	4.61	12.23	5.59	6.17	4.78	3.38	3.57	3.58
24	3.53	4.56	4.64	5.32	4.62	12.20	5.42	5.69	5.22	3.38	3.46	3.64
25	3.52	4.45	4.55	5.20	4.61	11.45	5.29	5.03	5.68	3.44	3.36	3.62
26	3.51	4.53	4.48	5.05	4.60	10.10	5.19	4.74	5.53	3.75	3.32	3.68
27	3.51	4.74	4.43	4.93	4.57	9.13	5.10	4.55	5.01	4.13	3.25	3.82
28	3.50	4.86	4.52	4.85	4.54	8.39	5.03	4.41	4.83	4.28	3.28	3.92
29	3.51	4.73	4.98	4.79	---	8.27	4.94	4.36	4.88	4.11	3.30	3.88
30	3.53	4.56	5.58	4.83	---	8.56	4.87	4.33	4.89	3.98	3.39	3.82
31	3.51	---	6.02	5.04	---	8.61	---	4.31	---	3.90	3.46	---
MEAN	3.62	4.12	4.57	5.21	4.79	8.57	7.29	4.59	5.25	3.91	3.71	3.93
MAX	3.91	4.88	6.02	6.75	5.37	12.23	11.68	6.17	6.68	4.79	4.13	4.97
MIN	3.50	3.53	4.13	4.78	4.54	4.52	4.87	4.10	4.30	3.34	3.25	3.53

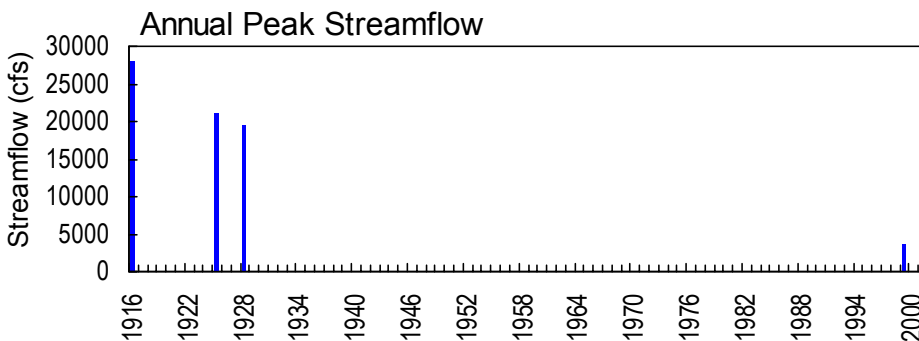
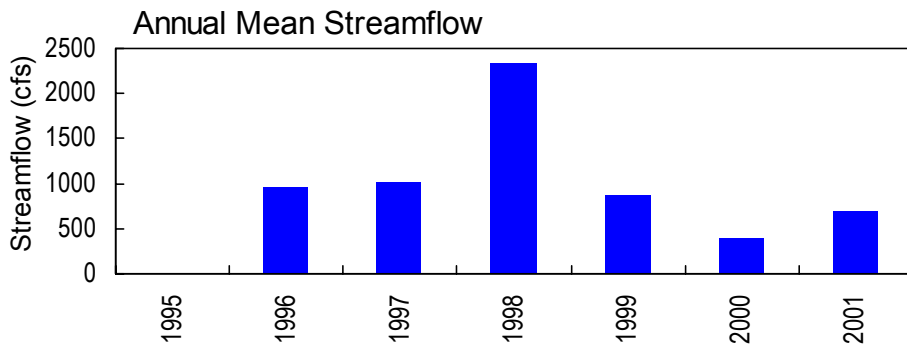
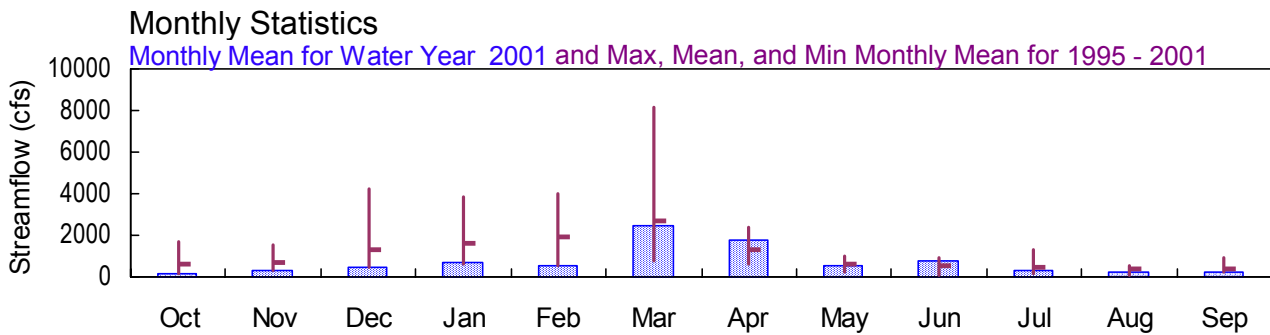
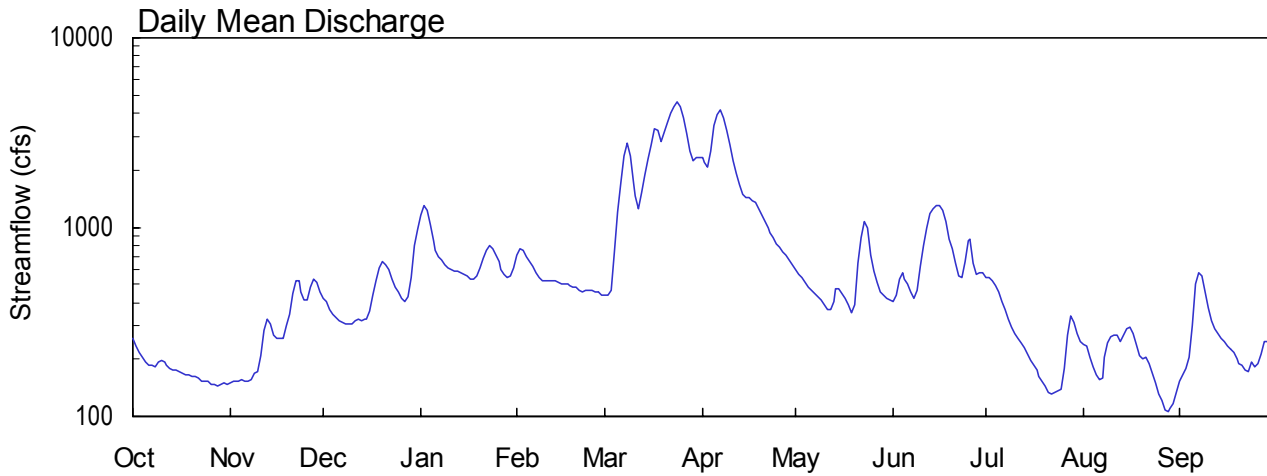


# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA

Latitude: 31° 12' 48" Longitude: 84° 28' 24" Hydrologic Unit Code: 03130009 Baker County  
 Drainage Area: 1040 mi<sup>2</sup> Datum: 98.67 feet Period of Record: 1995 - 2001



02355350 Ichawaynochaway Creek below Newton, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA**

**LOCATION.**--Lat 31°12'48", long 84°28'24", Baker County, Hydrologic Unit 03130009, on right bank 75.0 feet below steel truss bridge, approximately 1600 feet upstream from bridge on GA Highway 91, 11.0 miles southwest of Newton.

**DRAINAGE AREA.**—1,040 mi<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Geologic Survey; Albany-Dougherty Planning Commission.

**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 sea level. 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.

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 11.65 feet, March 23-24; minimum gage-height recorded, 1.86 feet, August 28.

STATION NUMBER 02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311248 LONGITUDE 0842824 DRAINAGE AREA 1040.00 DATUM STATE 13 COUNTY 007

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	258	149	421	1160	707	435	2310	602	405	541	240	153
2	234	152	405	1310	764	437	2210	568	442	537	235	167
3	217	152	371	1230	748	465	2080	539	528	520	207	179
4	205	153	349	1020	704	740	2510	510	572	493	184	206
5	194	155	334	845	657	1210	e3420	485	536	452	167	305
6	188	154	321	757	617	1720	e3970	464	506	406	155	504
7	187	153	313	702	574	2380	e4210	444	459	366	158	576
8	183	155	308	665	541	2780	e3780	429	423	326	206	558
9	193	169	308	636	520	2390	3220	416	468	296	246	451
10	199	172	310	614	518	1720	2740	386	618	276	262	373
11	194	210	318	602	524	1460	2240	366	796	260	272	321
12	186	283	325	591	523	1260	1930	369	988	244	267	294
13	180	327	324	582	517	1510	1680	409	1170	229	247	274
14	177	306	327	579	509	1890	1500	476	1250	213	272	261
15	174	270	328	569	504	2270	1440	470	1310	199	289	249
16	171	257	361	548	499	2710	1440	444	1300	187	298	236
17	169	260	440	533	498	3280	1390	421	1230	175	274	227
18	167	259	521	532	492	3250	1350	386	1070	164	239	218
19	165	302	611	553	485	2840	1240	352	858	153	210	200
20	162	350	657	611	479	e3150	1150	393	771	144	200	190
21	161	448	638	686	461	e3590	1070	651	643	135	207	185
22	158	526	592	761	458	e4040	992	883	558	132	190	175
23	154	520	531	796	464	e4350	940	1070	537	134	168	172
24	153	456	486	762	466	e4560	875	990	653	136	149	192
25	152	412	452	715	466	e4330	822	717	852	139	130	183
26	148	416	425	653	459	e3820	780	587	862	179	121	189
27	148	480	408	603	454	3110	741	512	648	272	109	215
28	146	536	427	569	442	2520	709	457	569	341	107	247
29	147	511	544	544	---	2240	670	434	570	312	111	247
30	149	454	793	548	---	2330	639	418	580	274	117	230
31	148	---	964	610	---	2350	---	413	---	250	133	---
TOTAL	5467	9147	13912	21886	15050	75137	54048	16061	22172	8485	6170	7977
MEAN	176	305	449	706	538	2424	1802	518	739	274	199	266
MAX	258	536	964	1310	764	4560	4210	1070	1310	541	298	576
MIN	146	149	308	532	442	435	639	352	405	132	107	153
CFSM	.17	.29	.43	.68	.52	2.33	1.73	.50	.71	.26	.19	.26
IN.	.20	.33	.50	.78	.54	2.69	1.93	.57	.79	.30	.22	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2001, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001
MEAN	644	713	1271	1616	1893	2699	1342
MAX	1668	1505	4200	3868	4024	8180	2381
(WY)	1999	1998	1998	1998	1998	1998	1998
MIN	176	305	449	636	538	776	609
(WY)	2001	2001	2001	2000	2001	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1995 - 2001

ANNUAL TOTAL	133817	255512	
ANNUAL MEAN	366	700	1043
HIGHEST ANNUAL MEAN			2339
LOWEST ANNUAL MEAN			384
HIGHEST DAILY MEAN	1140	Apr 3	4560
LOWEST DAILY MEAN	59	Aug 24	107
ANNUAL SEVEN-DAY MINIMUM	62	Aug 28	118
MAXIMUM PEAK FLOW			1180
MAXIMUM PEAK STAGE			11.65
ANNUAL RUNOFF (CFSM)	.35		.67
ANNUAL RUNOFF (INCHES)	4.79		9.14
10 PERCENT EXCEEDS	795		1580
50 PERCENT EXCEEDS	276		454
90 PERCENT EXCEEDS	84		160

STATISTICS COMPUTED BY: msreynol

DATE: 01/28/2002 AT: 16:39:25

e Estimated

STATION NUMBER 02355350 ICHAWAYNOCHAWAY CREEK BELOW NEWTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 311248 LONGITUDE 0842824 DRAINAGE AREA 1040.00 DATUM STATE 13 COUNTY 007

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	2.51	2.04	3.07	4.87	3.83	3.11	7.05	3.58	3.02	3.51	2.51	2.11
2	2.41	2.05	3.02	5.18	3.97	3.12	6.88	3.49	3.13	3.50	2.49	2.17
3	2.34	2.05	2.91	5.01	3.93	3.20	6.64	3.41	3.38	3.45	2.37	2.22
4	2.29	2.06	2.84	4.58	3.83	3.91	7.37	3.33	3.51	3.37	2.27	2.33
5	2.25	2.06	2.78	4.16	3.72	4.97	8.89	3.26	3.41	3.25	2.19	2.70
6	2.22	2.06	2.74	3.95	3.62	5.98	9.73	3.20	3.32	3.10	2.14	3.34
7	2.21	2.06	2.71	3.82	3.51	7.17	10.16	3.14	3.18	2.97	2.15	3.53
8	2.20	2.07	2.69	3.74	3.42	7.82	9.35	3.09	3.07	2.83	2.37	3.47
9	2.24	2.13	2.69	3.67	3.36	7.17	8.51	3.05	3.21	2.72	2.53	3.16
10	2.27	2.15	2.70	3.61	3.36	5.99	7.76	2.96	3.62	2.65	2.59	2.91
11	2.24	2.32	2.73	3.58	3.37	5.48	6.92	2.89	4.05	2.59	2.63	2.74
12	2.21	2.60	2.75	3.55	3.37	5.08	6.37	2.90	4.51	2.52	2.61	2.64
13	2.19	2.76	2.75	3.53	3.35	5.59	5.92	3.03	4.90	2.46	2.54	2.57
14	2.17	2.69	2.76	3.52	3.33	6.31	5.57	3.23	5.06	2.40	2.63	2.52
15	2.16	2.56	2.76	3.50	3.32	6.97	5.45	3.22	5.19	2.34	2.70	2.47
16	2.14	2.50	2.88	3.44	3.30	7.71	5.44	3.14	5.17	2.28	2.73	2.42
17	2.13	2.52	3.12	3.40	3.30	8.60	5.35	3.07	5.02	2.23	2.64	2.39
18	2.13	2.51	3.36	3.40	3.28	8.56	5.27	2.96	4.71	2.18	2.50	2.35
19	2.11	2.67	3.60	3.45	3.26	7.92	5.04	2.84	4.25	2.13	2.39	2.27
20	2.10	2.84	3.72	3.60	3.24	8.31	4.85	2.98	4.06	2.08	2.34	2.23
21	2.10	3.15	3.67	3.79	3.19	9.57	4.68	3.69	3.78	2.03	2.37	2.20
22	2.08	3.38	3.56	3.96	3.18	10.56	4.52	4.26	3.56	2.02	2.30	2.16
23	2.06	3.36	3.39	4.04	3.20	11.45	4.40	4.68	3.50	2.03	2.20	2.15
24	2.06	3.17	3.26	3.96	3.21	11.55	4.24	4.51	3.80	2.04	2.11	2.24
25	2.05	3.04	3.16	3.85	3.21	10.81	4.11	3.86	4.26	2.06	2.01	2.20
26	2.03	3.05	3.08	3.71	3.18	9.38	4.00	3.54	4.28	2.25	1.96	2.22
27	2.03	3.24	3.03	3.58	3.17	8.33	3.91	3.34	3.79	2.63	1.89	2.34
28	2.02	3.41	3.08	3.50	3.13	7.41	3.84	3.18	3.59	2.88	1.88	2.47
29	2.03	3.34	3.42	3.43	---	6.93	3.75	3.11	3.59	2.78	1.90	2.46
30	2.04	3.17	4.04	3.44	---	7.08	3.67	3.06	3.63	2.64	1.93	2.40
31	2.03	---	4.45	3.60	---	7.12	---	3.04	---	2.55	2.02	---
MEAN	2.16	2.63	3.12	3.82	3.40	7.20	5.99	3.32	3.92	2.60	2.32	2.51
MAX	2.51	3.41	4.45	5.18	3.97	11.55	10.16	4.68	5.19	3.51	2.73	3.53
MIN	2.02	2.04	2.69	3.40	3.13	3.11	3.67	2.84	3.02	2.02	1.88	2.11

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02356000 FLINT RIVER AT BAINBRIDGE, GA**

**LOCATION.**--Lat 30°54'41", long 84°34'48", Decatur County, Hydrologic Unit 03130008, on downstream side of bridge on US Highway 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Geologic Survey.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**—August 1977 to current year. From October 1971 to July 1976, only annual peak discharge data were published. Daily mean discharge data were published from October 1907 to December 1913, and from October 1928 to September 1971. Gage-height records were collected at the same sites from 1904 to 1907.

**GAGE.**—Satellite telemetry with a water-stage recorder. Datum of gage is 58.06 feet above sea level. 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.**--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. Average discharge was adjusted for storage for records previous to October 1, 1999.

**EXTREMES FOR PERIOD OF RECORD.**--Maximum discharge, 108,000 ft<sup>3</sup>/s July 14, 1994; gage-height, 37.20 feet; minimum daily, 1,340 ft<sup>3</sup>/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<sup>3</sup>/s, from rating curve extended above 70,000 ft<sup>3</sup>/s on basis of slope-conveyance studies.

**EXTREMES FOR CURRENT YEAR.**--Maximum discharge, 29,400 ft<sup>3</sup>/s, Mar. 23, gage-height, 23.95 feet.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—April 18, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02356000 FLINT RIVER AT BAINBRIDGE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 305441 LONGITUDE 0843448 DRAINAGE AREA 7570.00 DATUM 58.06 STATE 13 COUNTY 087

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	18.47	17.92	18.80	19.43	18.75	19.24	21.12	19.19	18.77	---	18.93	18.38
2	18.38	17.86	18.76	19.50	18.89	19.48	21.14	19.20	19.08	---	18.89	18.34
3	18.44	17.89	18.66	19.54	19.03	19.60	21.12	19.31	19.24	---	18.92	18.34
4	18.45	17.97	18.49	19.85	19.07	19.56	21.01	19.33	19.29	---	18.87	18.40
5	18.47	17.95	18.58	19.76	19.05	19.34	21.52	19.24	19.50	---	18.61	18.53
6	18.49	17.87	18.67	19.70	19.09	20.30	21.76	19.02	19.65	---	18.51	18.60
7	18.56	17.95	18.71	19.34	19.01	21.22	22.03	18.81	19.65	---	18.66	18.70
8	18.48	18.10	18.70	19.11	18.87	21.37	21.72	18.82	19.80	---	18.75	8.86
9	18.38	18.26	18.54	19.12	18.83	21.97	21.92	18.83	19.97	---	18.96	18.90
10	18.42	18.29	18.40	19.19	18.80	22.35	22.41	18.83	20.06	---	19.15	18.88
11	18.45	18.28	18.29	19.21	18.71	22.58	22.20	18.81	19.98	---	19.18	18.92
12	18.39	18.24	18.29	19.21	18.67	22.33	22.09	18.82	19.83	19.26	19.03	18.95
13	18.38	18.18	18.35	19.03	18.81	21.53	21.10	18.72	19.80	19.09	18.89	18.81
14	18.36	18.31	18.34	18.83	18.95	20.83	20.51	18.67	19.61	19.03	18.87	18.70
15	18.27	18.31	18.16	18.57	19.04	20.92	20.10	18.67	19.79	18.80	18.85	18.78
16	18.18	18.31	18.04	18.51	19.10	21.47	20.05	18.85	20.01	18.51	18.80	18.62
17	18.24	18.41	18.16	18.64	19.16	21.90	19.89	18.91	20.04	18.43	18.69	18.51
18	18.25	18.42	17.99	18.77	19.10	22.17	19.66	18.95	20.00	18.38	18.63	18.51
19	18.20	18.48	18.02	18.85	19.11	22.21	19.65	19.01	19.91	18.35	18.53	18.45
20	18.17	18.62	18.16	18.95	19.19	22.52	19.60	19.15	19.63	18.37	18.49	18.39
21	18.17	18.77	18.23	19.21	19.10	22.90	19.64	19.37	19.52	18.42	18.49	18.37
22	18.07	18.79	18.36	19.26	19.21	23.52	19.71	18.99	19.46	18.33	18.49	18.37
23	17.97	18.74	18.30	19.30	19.30	23.85	19.75	18.56	19.41	18.24	18.51	18.36
24	17.98	18.58	18.18	19.29	19.42	23.88	19.84	18.43	19.36	18.29	18.67	18.37
25	18.01	18.76	17.96	19.15	19.25	23.56	19.79	18.42	19.25	18.40	18.77	18.45
26	18.04	18.83	17.92	19.07	19.05	23.21	19.74	18.57	---	18.56	18.68	18.44
27	18.07	18.85	18.06	19.05	19.04	22.93	19.65	18.64	---	18.65	18.59	18.43
28	18.11	18.83	18.22	18.68	19.04	22.68	19.53	18.70	---	18.91	18.56	18.41
29	18.01	18.84	18.51	18.52	---	22.07	19.32	18.82	---	19.02	18.53	18.41
30	17.89	18.78	18.98	18.55	---	21.40	19.20	18.79	---	19.03	18.49	18.36
31	17.91	---	19.18	18.68	---	21.01	---	18.76	---	19.04	18.39	---
MEAN	18.25	18.38	18.39	19.09	19.02	21.74	20.56	18.88	---	---	18.72	18.22
MAX	18.56	18.85	19.18	19.85	19.42	23.88	22.41	19.37	---	---	19.18	18.95
MIN	17.89	17.86	17.92	18.51	18.67	19.24	19.20	18.42	---	---	18.39	8.86

STATION NUMBER 02356000 FLINT RIVER AT BAINBRIDGE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 305441 LONGITUDE 0843448 DRAINAGE AREA 7570.00 DATUM 58.06 STATE 13 COUNTY 087

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	---	---	---	---	---	---	---	---	.69	.00	.00	1.43
2	---	---	---	---	---	---	---	---	.48	---	.00	.91
3	---	---	---	---	---	---	---	---	.00	---	.00	2.03
4	---	---	---	---	---	---	---	---	1.22	---	.00	.55
5	---	---	---	---	---	---	---	---	.00	---	.28	.00
6	---	---	---	---	---	---	---	---	.00	---	.86	.01
7	---	---	---	---	---	---	---	---	.17	---	.00	.00
8	---	---	---	---	---	---	---	---	.11	---	.00	.00
9	---	---	---	---	---	---	---	---	.46	---	.00	.00
10	---	---	---	---	---	---	---	---	.76	---	.13	.01
11	---	---	---	---	---	---	---	---	2.60	---	.04	.34
12	---	---	---	---	---	---	---	.00	.01	---	.11	.00
13	---	---	---	---	---	---	---	.00	.24	.00	.00	.00
14	---	---	---	---	---	---	---	.00	1.19	.00	.06	.00
15	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.00	.00	---	.00
17	---	---	---	---	---	---	---	.00	.00	.00	---	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.08	.00
19	---	---	---	---	---	---	.00	.02	2.42	.00	.00	.00
20	---	---	---	---	---	---	.00	.67	.00	.02	.00	.14
21	---	---	---	---	---	---	.00	.00	.01	.00	.00	.00
22	---	---	---	---	---	---	.00	.08	.00	.00	.00	.00
23	---	---	---	---	---	---	.00	.00	.00	.00	.00	.00
24	---	---	---	---	---	---	.00	.00	.00	.55	.00	1.05
25	---	---	---	---	---	---	---	.00	.00	.21	.08	.00
26	---	---	---	---	---	---	---	.00	.00	.02	.00	.00
27	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
28	---	---	---	---	---	---	.00	.34	.00	.00	.00	.00
29	---	---	---	---	---	---	.00	.05	.00	.09	.00	.00
30	---	---	---	---	---	---	.00	.00	.15	1.03	.00	.00
31	---	---	---	---	---	---	---	.00	---	.85	.01	---
TOTAL	---	---	---	---	---	---	---	---	10.51	---	---	6.47



**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02356640 SPRING CREEK AT US 27, AT COLQUITT, GA**

**LOCATION.**--Lat 31°10'14", long 84°44'34", Miller County, Hydrologic Unit 03130010, at US Highway 27 at Colquitt.

**DRAINAGE AREA.**—281 mi<sup>2</sup>.

**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 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:** 15.91 feet, March 10, 1998

**DISCHARGE:** 20,500 ft<sup>3</sup>/s, March 10, 1998

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 8.29 feet, March 15

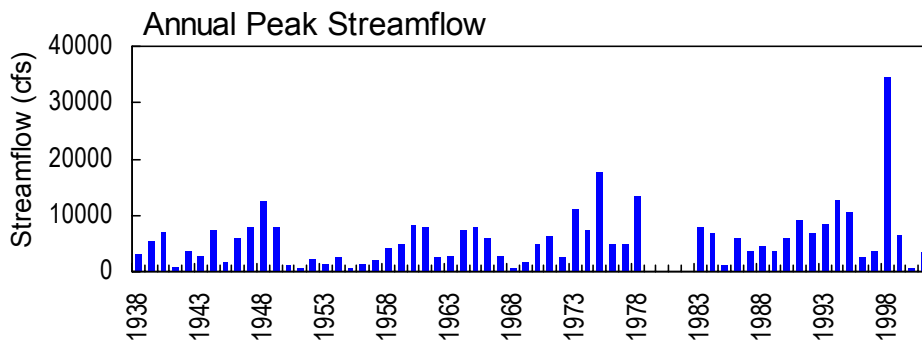
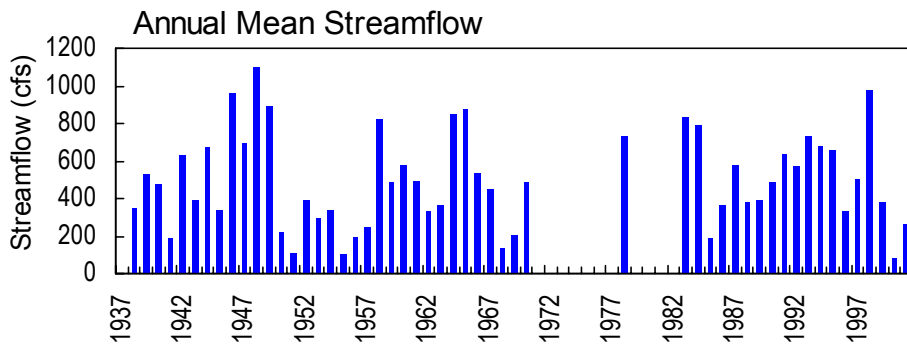
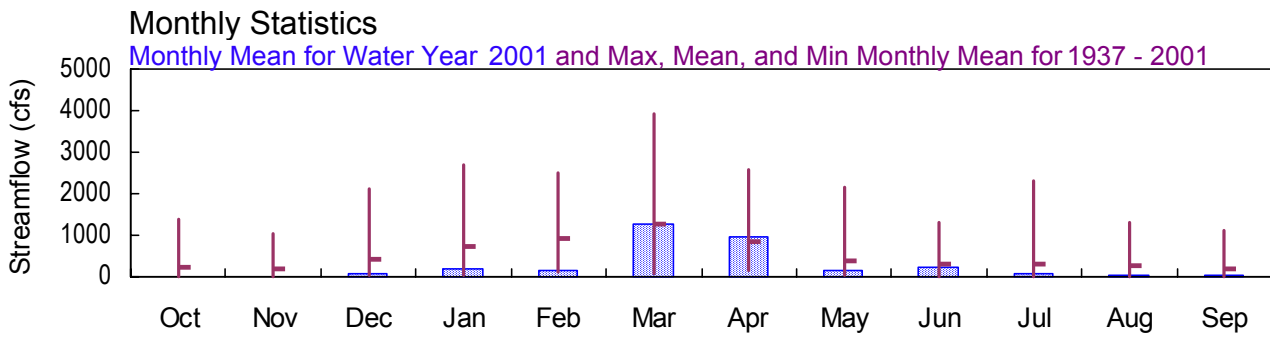
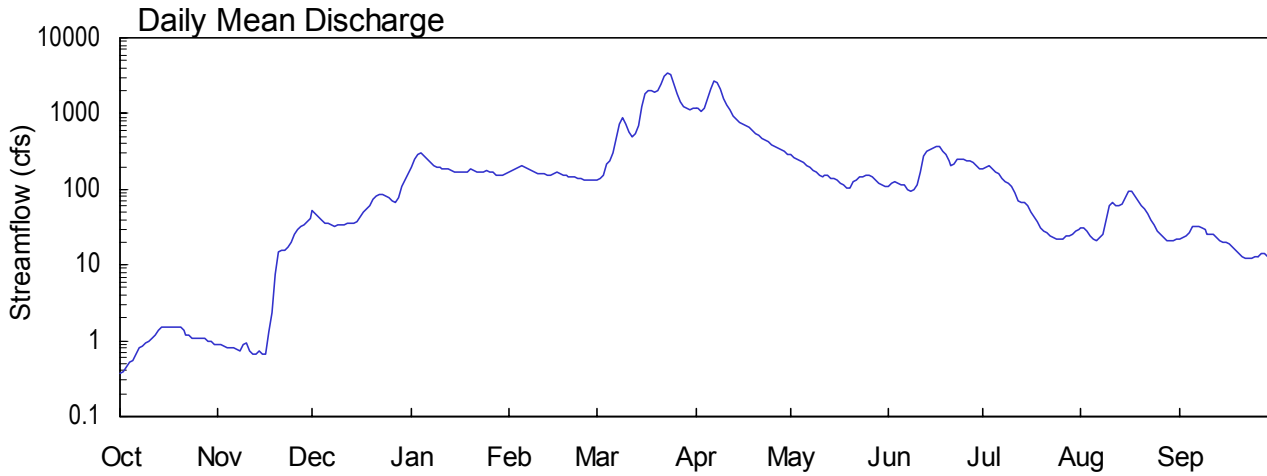
**DISCHARGE:** 2,270 ft<sup>3</sup>/s, March 15

# APALACHICOLA RIVER BASIN

2001 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<sup>2</sup> Datum: 85.7 feet Period of Record: 1937 - 2001



USGS 02357000 - Spring Creek near Iron City, GA - February 28, 1965

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02357000 SPRING CREEK NEAR IRON CITY, GA**

**LOCATION.**--Lat 31°02'23", long 84°44'18", 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<sup>2</sup>, 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.**—Phone telemetry with a water-stage recorder. Datum of gage is 85.7 feet above sea level. 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Mar.23	1945	3,520*	13.91
Apr. 7	1930	2,770	12.84

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**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.**—Phone telemetry with a water-stage recorder. Datum of gage is 85.7 feet above sea level. 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, 13.91 feet, March 23; Minimum gage-height recorded, 0.54 feet, October 1.

STATION NUMBER 02357000 SPRING CREEK NEAR IRON CITY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 310223 LONGITUDE 0844418 DRAINAGE AREA 485.00 DATUM 85.70 STATE 13 COUNTY 087

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	.38	.88	e52	195	168	134	1190	282	111	187	31	22
2	.39	.88	e48	248	179	139	1170	267	123	197	31	23
3	.46	.83	e44	294	189	151	1090	252	125	201	28	24
4	.51	.80	e39	303	200	211	1160	236	121	189	24	27
5	.55	.80	e36	281	202	241	1550	221	116	173	22	33
6	.68	.80	e35	247	195	309	2150	206	113	160	21	33
7	.80	.77	34	221	184	458	2670	191	100	142	23	33
8	.85	.73	33	206	174	710	2600	178	95	129	25	31
9	.92	.87	34	197	167	873	2070	165	99	119	40	29
10	1.0	.94	34	191	163	735	1600	154	115	107	61	26
11	1.1	.73	34	185	161	568	1310	146	171	91	66	25
12	1.2	.67	35	185	158	498	1100	154	272	71	62	26
13	1.4	.66	35	182	154	550	933	157	318	68	60	23
14	1.5	.73	36	177	155	700	831	141	338	68	64	21
15	1.5	.66	38	172	164	1210	761	136	354	60	78	20
16	1.5	.68	44	169	168	1790	725	131	375	51	96	20
17	1.5	1.3	51	168	164	2060	701	123	369	44	95	19
18	1.5	2.3	56	166	156	2060	649	113	325	37	82	17
19	1.5	7.4	62	165	152	1900	587	104	282	31	70	16
20	1.5	15	73	183	148	1970	543	106	241	28	62	14
21	1.4	16	82	176	146	2410	505	125	207	27	54	13
22	1.2	16	84	173	143	3100	471	135	220	24	47	12
23	1.2	17	84	173	139	3430	442	143	246	23	40	12
24	1.1	20	82	173	136	3240	416	147	253	22	34	12
25	1.1	25	77	175	134	2400	393	154	252	22	28	13
26	1.1	30	72	171	132	1790	375	156	232	22	26	13
27	1.1	32	68	165	133	1440	355	145	233	24	23	14
28	1.1	34	77	157	134	1230	333	131	228	24	21	14
29	1.0	37	111	151	---	1160	313	123	205	26	21	13
30	.97	41	131	153	---	1150	294	114	188	28	21	12
31	.89	---	158	161	---	1180	---	109	---	30	22	---
TOTAL	32.90	306.43	1879	5963	4498	39797	29287	4945	6427	2425	1378	610
MEAN	1.06	10.2	60.6	192	161	1284	976	160	214	78.2	44.5	20.3
MAX	1.5	41	158	303	202	3430	2670	282	375	201	96	33
MIN	.38	.66	33	151	132	134	294	104	95	22	21	12
CFSM	.00	.02	.12	.40	.33	2.65	2.01	.33	.44	.16	.09	.04
IN.	.00	.02	.14	.46	.35	3.05	2.25	.38	.49	.19	.11	.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	221	186	406	727	932	1256	842	403	290	299	255	190
MEAN	221	186	406	727	932	1256	842	403	290	299	255	190
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	10.2	24.0	42.8	108	78.6	164	25.2	1.80	.80	.13	.078
(WY)	2001	2001	1955	1955	1951	1955	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1937 - 2001

ANNUAL TOTAL	27652.25	97548.33	
ANNUAL MEAN	75.6	267	496
HIGHEST ANNUAL MEAN			1096
LOWEST ANNUAL MEAN			82.1
HIGHEST DAILY MEAN	373	Feb 19	3430
LOWEST DAILY MEAN	.00	Aug 25	.38
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 25	.54
MAXIMUM PEAK FLOW			3520
MAXIMUM PEAK STAGE			13.91
INSTANTANEOUS LOW FLOW			.00
ANNUAL RUNOFF (CFSM)	.16		.55
ANNUAL RUNOFF (INCHES)	2.12		7.48
10 PERCENT EXCEEDS	249		705
50 PERCENT EXCEEDS	12		114
90 PERCENT EXCEEDS	.06		1.2

STATISTICS COMPUTED BY: msreynol

DATE: 01/30/2002 AT: 13:07:17

e Estimated

STATION NUMBER 02357000 SPRING CREEK NEAR IRON CITY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 310223 LONGITUDE 0844418 DRAINAGE AREA 485.00 DATUM 85.70 STATE 13 COUNTY 087

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	.55	.64	---	3.48	3.30	2.89	8.85	4.19	2.62	3.49	1.65	1.40
2	.56	.64	---	3.93	3.39	2.94	8.77	4.08	2.76	3.58	1.65	1.41
3	.58	.63	---	4.28	3.48	3.06	8.52	3.96	2.79	3.62	1.60	1.43
4	.58	.63	---	4.35	3.56	3.62	8.76	3.83	2.74	3.52	1.52	1.50
5	.59	.63	---	4.18	3.56	3.88	10.05	3.70	2.69	3.37	1.45	1.61
6	.61	.63	---	3.92	3.48	4.40	11.63	3.58	2.65	3.25	1.43	1.61
7	.63	.62	1.55	3.72	3.38	5.45	12.68	3.45	2.50	3.07	1.48	1.61
8	.64	.62	1.54	3.61	3.29	6.97	12.56	3.33	2.43	2.93	1.53	1.59
9	.64	.64	1.55	3.54	3.22	7.80	11.45	3.20	2.49	2.81	1.79	1.55
10	.66	.65	1.54	3.49	3.18	7.09	10.24	3.10	2.67	2.67	2.09	1.50
11	.67	.62	1.55	3.45	3.16	6.18	9.31	3.01	3.25	2.48	2.15	1.48
12	.68	.61	1.56	3.46	3.13	5.73	8.58	3.09	4.11	2.25	2.10	1.49
13	.69	.61	1.56	3.44	3.09	6.07	7.98	3.12	4.46	2.21	2.05	1.45
14	.70	.62	1.58	3.40	3.10	6.89	7.50	2.96	4.61	2.21	2.10	1.40
15	.70	.61	1.63	3.36	3.20	9.03	7.17	2.90	4.73	2.11	2.26	1.39
16	.70	.61	1.73	3.34	3.23	10.78	7.00	2.85	4.88	1.99	2.46	1.39
17	.70	.68	1.84	3.33	3.19	11.46	6.89	2.77	4.84	1.87	2.44	1.36
18	.70	.75	1.92	3.31	3.11	11.45	6.62	2.66	4.54	1.76	2.29	1.33
19	.70	.98	2.01	3.31	3.07	11.06	6.29	2.55	4.24	1.65	2.15	1.29
20	.70	1.20	2.15	3.47	3.03	11.22	6.03	2.56	3.95	1.59	2.05	1.26
21	.69	1.24	2.26	3.41	3.01	12.19	5.78	2.79	3.68	1.58	1.95	1.23
22	.68	1.23	2.29	3.38	2.98	13.32	5.54	2.89	3.78	1.52	1.84	1.20
23	.67	1.28	2.28	3.38	2.94	13.79	5.34	2.98	3.98	1.48	1.73	1.18
24	.66	1.35	2.26	3.38	2.90	13.53	5.17	3.02	4.04	1.46	1.63	1.20
25	.67	1.45	2.20	3.40	2.88	12.15	5.01	3.09	4.03	1.46	1.52	1.23
26	.67	1.56	2.13	3.36	2.86	10.75	4.88	3.11	3.87	1.46	1.49	1.24
27	.66	1.58	2.09	3.30	2.87	9.74	4.74	3.00	3.88	1.50	1.41	1.25
28	.66	1.60	2.20	3.22	2.88	9.00	4.58	2.85	3.84	1.52	1.38	1.25
29	.66	1.65	2.62	3.16	---	8.73	4.42	2.76	3.66	1.55	1.36	1.23
30	.65	1.70	2.85	3.18	---	8.70	4.29	2.67	3.51	1.59	1.36	1.21
31	.64	---	3.13	3.25	---	8.80	---	2.60	---	1.64	1.39	---
MEAN	.65	.94	---	3.51	3.16	8.34	7.55	3.12	3.61	2.23	1.78	1.38
MAX	.70	1.70	---	4.35	3.56	13.79	12.68	4.19	4.88	3.62	2.46	1.61
MIN	.55	.61	---	3.16	2.86	2.89	4.29	2.55	2.43	1.46	1.36	1.18

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02357150 SPRING CREEK NEAR REYNOLDSVILLE, GA**

**LOCATION.**--Lat 30°54'14", long 84°44'57", Decatur County, Hydrologic Unit 03130010, on right bank, 1 mile upstream of Smith Landing, and 3 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.**--No estimated daily discharges. Records good, except those above 2,000 ft<sup>3</sup>/s, which are fair. This station is operated by the USGS, Florida District. For more information, please check <http://fl.water.usgs.gov>.

STATION NUMBER 02357150 SPRING CREEK NEAR REYNOLDSVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 305414.4 LONGITUDE 0844457.4 DRAINAGE AREA 623 DATUM STATE 13 COUNTY 087

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	129	137	165	251	294	267	1460	580	324	430	249	199
2	129	141	173	287	285	275	1450	562	315	429	232	199
3	116	130	177	494	297	292	1380	534	306	421	244	205
4	124	133	163	569	317	326	1410	525	305	420	242	194
5	139	143	156	579	330	342	1570	516	280	414	253	191
6	148	152	158	478	330	313	1870	506	288	407	238	197
7	129	153	152	337	331	415	2360	490	281	403	229	197
8	124	146	152	321	323	590	2650	462	287	395	234	193
9	132	153	173	287	319	768	2540	455	280	382	213	188
10	137	129	179	279	321	796	2170	434	301	358	248	200
11	137	136	171	306	305	690	1810	420	324	353	251	188
12	141	140	166	311	305	606	1570	413	392	341	262	183
13	137	141	162	297	294	595	1410	419	439	339	265	187
14	138	139	167	308	302	708	1290	404	463	333	269	184
15	147	143	167	311	310	906	1180	371	461	332	257	168
16	146	146	172	290	315	1220	1130	368	479	315	271	170
17	141	145	165	286	302	1580	1120	368	495	296	267	175
18	147	162	180	287	280	1750	1060	353	479	281	277	174
19	148	155	167	304	301	1800	992	338	473	277	257	188
20	140	144	172	264	307	1750	927	333	454	281	247	179
21	129	147	185	263	316	1920	876	349	429	264	228	181
22	137	155	180	290	305	2380	822	373	438	252	218	170
23	133	149	185	300	277	2870	781	362	447	243	223	182
24	132	140	206	313	297	3040	759	346	452	254	212	187
25	132	144	199	311	304	2850	723	339	450	259	201	161
26	139	153	187	307	294	2340	710	339	445	235	222	166
27	136	150	177	315	279	1960	697	332	428	243	207	162
28	133	159	206	317	276	1710	663	341	428	241	207	175
29	139	158	184	299	---	1520	639	328	411	237	199	170
30	136	155	177	305	---	1470	598	316	414	239	205	163
31	139	---	203	299	---	1440	---	313	---	259	206	---
MEAN	136	146	175	328	304	1274	1287	406	392	320	237	183
MAX	148	162	206	579	331	3040	2650	580	495	430	277	205
MIN	116	129	152	251	276	267	598	313	280	235	199	161

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
MEAN	570	308	289	451	520	791	695	291	235	317	208	165
MAX	1417	618	498	780	868	1274	1287	406	392	511	289	197
(WY)	1999	1999	1999	1999	1999	2001	2001	2001	2001	1999	1999	1999
MIN	136	146	175	244	304	438	361	202	121	121	97.1	114
(WY)	2001	2001	2001	2000	2001	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1999 - 2001

ANNUAL MEAN	212	433	403
HIGHEST ANNUAL MEAN			561 1999
LOWEST ANNUAL MEAN			216 2000
HIGHEST DAILY MEAN	533 Feb 14	3040 Mar 24	4260 Oct 3 1998
LOWEST DAILY MEAN	45 Sep 13	116 Oct 3	45 Sep 13 2000
ANNUAL SEVEN-DAY MINIMUM	73 Aug 18	130 Oct 2	73 Aug 18 2000
MAXIMUM PEAK FLOW		3360 Mar 23	4470 Oct 3 1998
MAXIMUM PEAK STAGE		80.39 Mar 23	81.82 Oct 3 1998
10 PERCENT EXCEEDS	416	914	723
50 PERCENT EXCEEDS	155	287	286
90 PERCENT EXCEEDS	109	142	129

STATISTICS COMPUTED BY: dbdale

DATE: 03/15/2002 AT: 07:58:35



## APALACHICOLA RIVER BASIN

### 02357500 LAKE SEMINOLE NEAR CHATTAHOOCHEE, FL

**LOCATION.**--Lat 30°42'33", long 84°51'45", 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 U.S. Highway 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/enhw.htm>

**APALACHICOLA RIVER BASIN**  
**2001 Water Year**

**02358000 APALACHICOLA RIVER AT CHATTAHOOCHEE, FL**

**LOCATION.**--Lat 30°42'03", long 84°51'33", in NW1/4 sec. 32, T.4 N., R.6 W., Jackson County, Hydrologic Unit 03130011, on downstream side of abandoned bridge downstream of U.S. Highway 90, 0.6 miles downstream from Jim Woodruff Dam, 0.6 miles upstream from Mosquito Creek, 1.0 mile west of Chattahoochee, and 106 miles upstream from mouth.

**DRAINAGE AREA.**--17,200 mi<sup>2</sup>, 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 feet downstream October 1925 to December 1958 are contained in reports of National Weather Service.

**REVISED RECORDS.**--WSP 1906: Drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is 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 mi 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 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>.

STATION NUMBER 02358000 APALACHICOLA RIVER AT CHATTAHOOCHEE FLA STREAM SOURCE AGENCY USGS  
 LATITUDE 304203 LONGITUDE 0845133 DRAINAGE AREA 17200.00 DATUM 00.00 STATE 12 COUNTY 039

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	5640	5810	8000	13200	14200	13800	27800	12800	9810	17500	12700	7950
2	5670	5760	8230	13200	14100	14700	27300	12700	9960	16300	11200	7890
3	5670	5760	7840	13500	14200	16400	27700	11300	10800	15400	11000	7980
4	5660	5770	7300	16300	14100	50700	49600	12200	13300	15400	11100	8010
5	5740	5700	7260	16500	14100	77400	75500	13400	15700	16300	10900	8160
6	5620	5720	7260	14900	14300	81400	85700	13000	16800	17000	10600	7740
7	5590	5710	7320	14800	14500	82600	76300	11400	16900	15400	9290	7840
8	5550	5790	7310	14100	13400	59800	59000	10900	17000	17200	9020	7490
9	5540	5740	7320	11900	11200	51300	48100	10800	17100	15900	8890	7230
10	5570	5800	7340	11400	10700	46300	44900	10900	e20200	12900	9940	7190
11	5630	5790	7120	12800	9140	41400	37700	10500	e26400	13300	10900	7230
12	5750	5720	6860	12800	8670	36800	32600	10100	37100	14800	11100	8410
13	5710	5740	11200	12900	8860	41900	30600	9550	36000	13500	11000	9390
14	5630	5650	17200	12800	9060	50500	24000	8790	32100	10900	10200	8300
15	5620	5620	18900	12800	9060	53000	23200	8320	26400	10700	9890	7330
16	5620	5700	18200	11800	8950	58800	22900	7940	25600	10300	10900	7030
17	5670	5720	16200	11000	8990	75000	21900	7990	25700	8950	11100	6890
18	5690	5730	14600	11100	8890	79500	20700	8110	24600	8270	10700	6910
19	5660	5680	13900	11100	9170	75000	20400	8040	22900	7640	9020	6860
20	5740	5760	12100	11200	10100	68500	18600	11100	19300	7110	8070	6740
21	5710	6690	10600	14400	11000	75200	16200	17500	16900	7080	8300	6300
22	5730	7980	9220	19000	11100	93600	15000	20900	15100	7020	8290	6220
23	5680	7700	9110	21700	12200	98600	14800	19700	14900	6880	8250	6200
24	5620	6840	9150	21500	15000	85100	15100	16000	13900	6050	8170	6180
25	5640	6980	9200	20100	15300	71000	15600	12600	10800	7100	8340	6310
26	5620	7010	8980	19200	15300	61800	15600	11300	10800	7000	8240	6240
27	5690	7640	9150	18100	15300	54900	15400	10700	10800	7010	8200	6330
28	5650	9070	9320	17700	14800	47100	15600	9970	11400	7090	8070	6360
29	5680	7990	9440	15200	---	45000	14600	9940	13100	7130	8020	6230
30	5740	8250	10700	14200	---	36500	13500	9960	16600	7190	7880	6240
31	5690	---	13000	14200	---	29300	---	10000	---	11400	7850	---
MEAN	5659	6361	10300	14690	11990	57190	30860	11560	18600	11150	9585	7173
MAX	5750	9070	18900	21700	15300	98600	85700	20900	37100	17500	12700	9390
MIN	5540	5620	6860	11000	8670	13800	13500	7940	9810	6050	7850	6180
MED	5660	5760	9150	14100	11700	54900	23000	10900	16800	10700	9290	7110
IN.	.38	.41	.69	.98	.73	3.83	2.00	.78	1.21	.75	.64	.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001, BY WATER YEAR (WY)

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	12540	13310	20260	27860	33830	41200	34230	21730	16470	16750	14930	12120																																																													
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	7576	7262	10420	12780	10880	8413	4826	5117	4750	5889																																																													
(WY)	1955	1932	2000	1956	1989	1955	1999	2000	2000	2000	1988	2000																																																													

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1929 - 2001

ANNUAL MEAN	9341	16300	22050
HIGHEST ANNUAL MEAN			35680
LOWEST ANNUAL MEAN			9107
HIGHEST DAILY MEAN	35100	Apr 6	291000
LOWEST DAILY MEAN	4530	Jul 2	3900
ANNUAL SEVEN-DAY MINIMUM	4580	Jun 28	5610
MAXIMUM PEAK FLOW			100000
MAXIMUM PEAK STAGE			64.88
INSTANTANEOUS LOW FLOW			5250
ANNUAL RUNOFF (INCHES)	7.39	12.87	17.42
10 PERCENT EXCEEDS	18900	36200	43600
50 PERCENT EXCEEDS	5970	10900	16000
90 PERCENT EXCEEDS	5150	5730	8660

STATISTICS COMPUTED BY: dgoim

DATE: 04/18/2002 AT: 10:35:29

e Estimated

STATION NUMBER 02358000 APALACHICOLA RIVER AT CHATTAHOOCHEE FLA STREAM SOURCE AGENCY USGS  
 LATITUDE 304203 LONGITUDE 0845133 DRAINAGE AREA 17200.00 DATUM 00.00 STATE 12 COUNTY 039

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

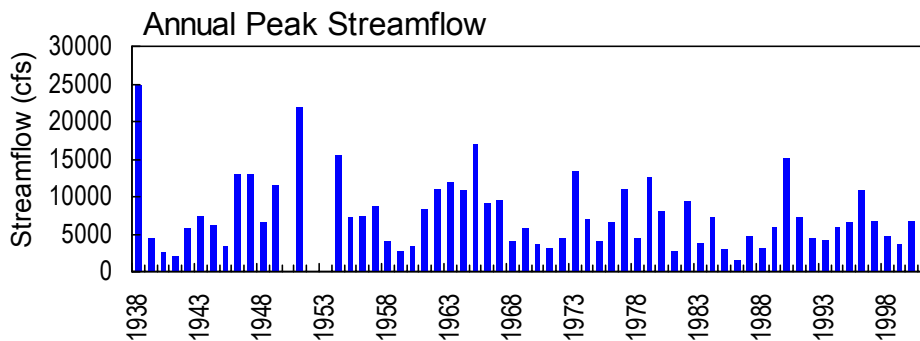
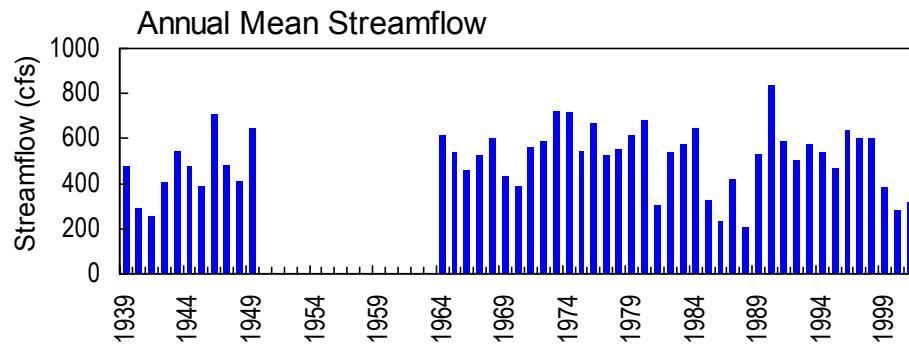
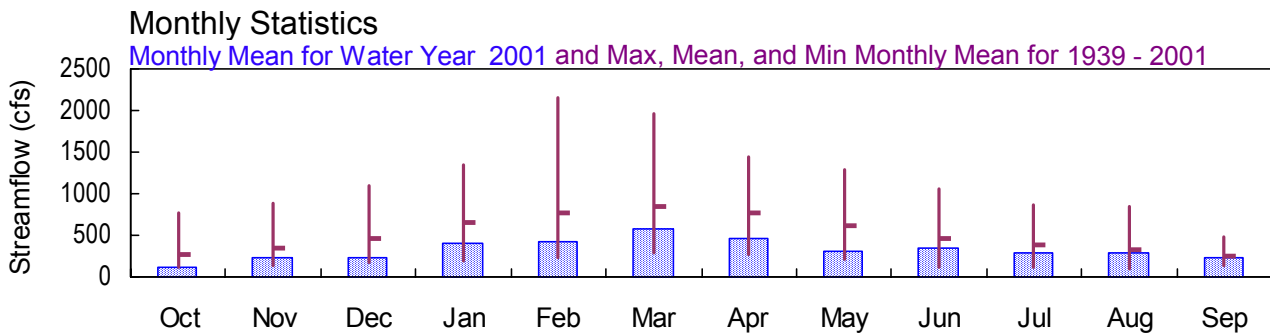
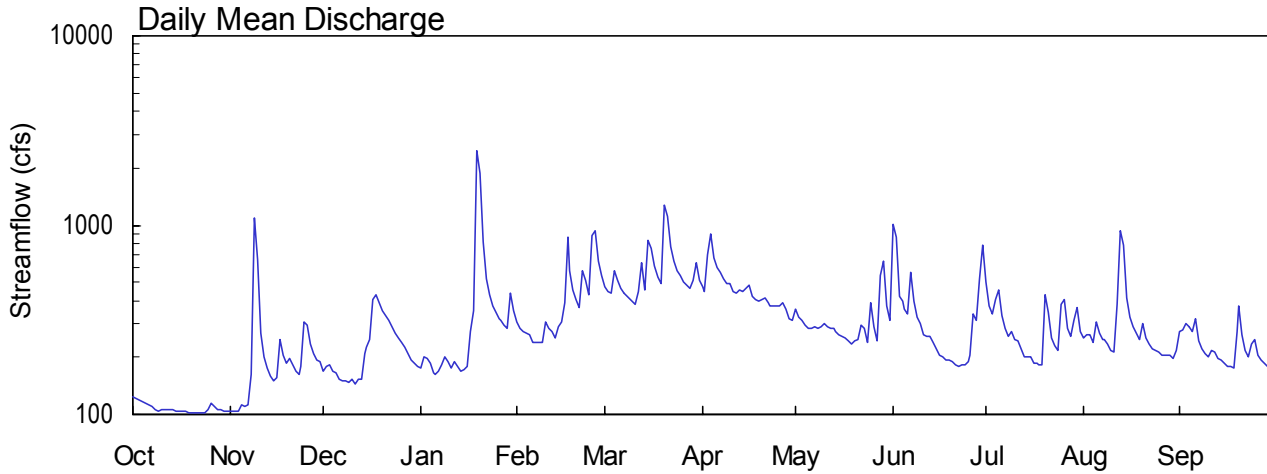
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.48	39.59	40.89	43.54	44.03	43.80	49.55	43.36	41.87	45.47	43.31	40.86
2	39.50	39.56	41.02	43.57	43.97	44.27	49.37	43.30	41.95	44.97	42.60	40.82
3	39.50	39.56	40.79	43.71	44.01	44.98	49.48	42.65	42.36	44.56	42.49	40.88
4	39.49	39.56	40.49	44.97	43.97	56.46	56.44	43.07	43.60	44.58	42.51	40.89
5	39.54	39.52	40.47	45.06	43.96	61.60	61.28	43.62	44.67	44.97	42.45	40.98
6	39.47	39.53	40.46	44.32	44.08	62.21	62.84	43.46	45.18	45.27	42.27	40.74
7	39.45	39.53	40.50	44.31	44.14	62.39	61.43	42.70	45.23	44.57	41.59	40.79
8	39.42	39.57	40.49	43.96	43.64	58.68	58.51	42.41	45.26	45.36	41.45	40.59
9	39.42	39.55	40.50	42.94	42.57	57.10	56.23	42.39	45.32	44.79	41.38	40.45
10	39.44	39.58	40.51	42.66	42.31	55.68	55.23	42.42	---	43.42	41.93	40.42
11	39.47	39.57	40.38	43.37	41.51	54.14	52.94	42.25	---	43.59	42.45	40.44
12	39.55	39.53	40.23	43.38	41.26	52.65	51.23	42.02	52.77	44.29	42.51	41.11
13	39.53	39.55	42.48	43.39	41.36	54.28	50.52	41.73	52.40	43.67	42.49	41.65
14	39.48	39.49	45.34	43.38	41.47	56.93	48.12	41.32	51.04	42.42	42.08	41.05
15	39.47	39.47	46.06	43.35	41.47	57.45	47.81	41.06	49.03	42.33	41.90	40.50
16	39.47	39.52	45.78	42.87	41.41	58.49	47.68	40.85	48.71	42.12	42.43	40.33
17	39.50	39.53	44.94	42.49	41.43	61.22	47.29	40.88	48.76	41.41	42.53	40.25
18	39.51	39.54	44.20	42.52	41.38	61.94	46.81	40.95	48.35	41.04	42.35	40.26
19	39.50	39.51	43.87	42.52	41.53	61.22	46.69	40.91	47.66	40.68	41.44	40.23
20	39.54	39.55	43.03	42.56	42.00	60.19	45.96	42.49	46.23	40.38	40.92	40.16
21	39.52	40.12	42.28	44.07	42.49	61.24	44.93	45.47	45.21	40.36	41.05	39.89
22	39.54	40.88	41.55	46.10	42.52	63.96	44.39	46.90	44.41	40.32	41.05	39.84
23	39.51	40.72	41.49	47.21	43.04	64.64	44.28	46.39	44.35	40.24	41.03	39.83
24	39.47	40.22	41.52	47.12	44.36	62.74	44.41	44.81	43.85	39.74	40.98	39.82
25	39.48	40.30	41.55	46.57	44.50	60.58	44.64	43.28	42.39	40.37	41.07	39.90
26	39.47	40.32	41.43	46.20	44.50	59.05	44.65	42.65	42.36	40.31	41.02	39.85
27	39.51	40.67	41.52	45.76	44.52	57.76	44.57	42.33	42.40	40.32	41.00	39.91
28	39.48	41.47	41.61	45.55	44.28	55.90	44.64	41.95	42.69	40.36	40.92	39.93
29	39.51	40.88	41.67	44.46	---	55.26	44.21	41.94	43.50	40.39	40.90	39.85
30	39.54	41.02	42.31	44.03	---	52.55	43.71	41.95	45.09	40.42	40.82	39.86
31	39.51	---	43.46	44.00	---	50.08	---	41.98	---	42.67	40.80	---
MEAN	39.49	39.91	42.03	44.19	42.92	57.08	49.66	42.69	---	42.43	41.73	40.40
MAX	39.55	41.47	46.06	47.21	44.52	64.64	62.84	46.90	---	45.47	43.31	41.65
MIN	39.42	39.47	40.23	42.49	41.26	43.80	43.71	40.85	---	39.74	40.80	39.82

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 1216 feet Period of Record: 1939 - 2001



**MOBILE RIVER BASIN  
2001 Water Year**

**02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA**

**LOCATION.**--Lat 34°40'18", long 84°30'31", Gilmer County, Hydrologic Unit 03150102, on right bank 0.5 miles downstream from GA Highway 5, 2.0 miles southwest of Ellijay, and 2.2 miles downstream from confluence of Cartecay and Ellijay Rivers.

**DRAINAGE AREA.**--236 mi<sup>2</sup>.

**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 sea level. 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 poor.

**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<sup>3</sup>/s, and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Jan. 19	1600	4,510*	6.34*
No other peaks greater than base discharge			

**MOBILE RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 6.34 feet, January 19; minimum gage-height recorded, 1.04 feet, October 21.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 4, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records are good.

STATION NUMBER 02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344018 LONGITUDE 0843031 DRAINAGE AREA 236 DATUM 1216.04 STATE 13 COUNTY 123

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	125	103	e169	e176	306	476	474	358	1010	e503	254	277
2	121	103	e178	e203	288	443	450	326	870	e378	263	281
3	118	103	e182	e197	277	440	696	313	e418	e339	263	301
4	117	104	e170	e187	271	572	895	296	e397	e403	242	291
5	114	113	e165	e167	265	515	671	285	e363	e456	308	276
6	112	111	e152	e164	239	463	602	284	e338	e332	267	323
7	110	113	e150	e169	239	437	559	290	e562	e288	247	246
8	106	163	e150	e182	239	419	520	286	e394	e261	247	222
9	104	1100	e148	e201	239	404	495	291	e325	e277	234	210
10	105	653	e152	e189	309	386	488	303	e301	e249	216	203
11	106	270	e145	e174	286	379	450	290	e263	e244	215	216
12	105	202	e152	e190	277	443	442	286	e260	e222	383	214
13	105	174	e152	e178	256	636	453	285	e257	e203	942	196
14	105	159	e209	e169	290	455	449	274	e238	e203	782	192
15	104	149	e226	e171	306	836	462	266	e223	e200	411	185
16	103	156	e249	e180	393	758	480	261	e207	e188	327	180
17	103	249	e402	273	871	604	422	253	e201	e188	293	178
18	103	207	e427	351	572	530	406	245	e195	e181	270	175
19	101	188	e386	2460	451	492	399	237	e192	e183	250	277
20	101	197	e356	1870	402	1270	402	243	e189	430	302	375
21	101	182	e332	812	370	1110	413	250	e183	344	254	266
22	102	168	e317	520	570	771	386	295	e179	256	234	217
23	102	161	e294	426	511	642	375	285	e183	232	221	200
24	101	178	e270	377	426	577	373	238	e183	219	216	234
25	105	308	e254	344	887	537	378	387	e189	382	212	248
26	114	299	e241	322	934	502	375	292	e207	408	206	207
27	111	236	e226	313	644	480	387	243	e341	283	206	194
28	106	209	e208	295	541	462	361	545	e316	258	206	187
29	105	195	e192	285	---	514	319	644	e520	312	204	179
30	103	190	e187	438	---	630	315	372	e782	365	199	176
31	103	---	e180	352	---	509	---	316	---	275	218	---
TOTAL	3321	6743	7021	12335	11659	17692	13897	9539	10286	9062	9092	6926
MEAN	107	225	226	398	416	571	463	308	343	292	293	231
MAX	125	1100	427	2460	934	1270	895	644	1010	503	942	375
MIN	101	103	145	164	239	379	315	237	179	181	199	175
CFSM	.45	.95	.96	1.69	1.76	2.42	1.96	1.30	1.45	1.24	1.24	.98
IN.	.52	1.06	1.11	1.94	1.84	2.79	2.19	1.50	1.62	1.43	1.43	1.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2001, BY WATER YEAR (WY)

	270	343	455	646	772	848	763	608	470	394	319	251
MEAN	270	343	455	646	772	848	763	608	470	394	319	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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1939 - 2001

ANNUAL TOTAL		101697		117573								
ANNUAL MEAN		278		322						509		
HIGHEST ANNUAL MEAN										835		1990
LOWEST ANNUAL MEAN										207		1988
HIGHEST DAILY MEAN		4100		Apr 3		2460		Jan 19		9870		Feb 16 1990
LOWEST DAILY MEAN		80		Sep 20		101		Oct 19		69		Sep 2 1988
ANNUAL SEVEN-DAY MINIMUM		88		Sep 14		102		Oct 18		75		Aug 28 1988
MAXIMUM PEAK FLOW						4510		Jan 19		17000		Oct 4 1964
MAXIMUM PEAK STAGE						6.34		Jan 19		17.63		Oct 4 1964
ANNUAL RUNOFF (CFSM)		1.18				1.36				2.16		
ANNUAL RUNOFF (INCHES)		16.03				18.53				29.33		
10 PERCENT EXCEEDS		425				539				917		
50 PERCENT EXCEEDS		228				266				389		
90 PERCENT EXCEEDS		107				120				182		

STATISTICS COMPUTED BY: gabailey

DATE: 04/09/2002 AT: 08:30:44

e Estimated



STATION NUMBER 02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344018 LONGITUDE 0843031 DRAINAGE AREA 236 DATUM 1216.04 STATE 13 COUNTY 123

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	1.15	1.06	---	---	1.66	1.99	1.99	1.77	2.63	---	1.54	1.59
2	1.13	1.06	---	---	1.62	1.93	1.94	1.70	2.55	---	1.56	1.60
3	1.12	1.06	---	---	1.59	1.93	2.30	1.67	---	---	1.56	1.65
4	1.12	1.07	---	---	1.58	2.15	2.59	1.64	---	---	1.51	1.63
5	1.11	1.10	---	---	1.57	2.06	2.29	1.61	---	---	1.66	1.59
6	1.10	1.09	---	---	1.50	1.97	2.19	1.61	---	---	1.57	1.69
7	1.09	1.10	---	---	1.50	1.92	2.12	1.62	---	---	1.52	1.52
8	1.07	1.28	---	---	1.50	1.89	2.06	1.61	---	---	1.52	1.45
9	1.06	2.66	---	---	1.50	1.86	2.02	1.62	---	---	1.49	1.42
10	1.07	2.23	---	---	1.67	1.83	2.01	1.65	---	---	1.44	1.40
11	1.07	1.57	---	---	1.61	1.81	1.94	1.62	---	---	1.43	1.44
12	1.07	1.40	---	---	1.59	1.91	1.93	1.61	---	---	1.79	1.43
13	1.07	1.32	---	---	1.54	2.23	1.95	1.61	---	---	2.61	1.38
14	1.07	1.27	---	---	1.62	1.95	1.94	1.58	---	---	2.42	1.37
15	1.07	1.23	---	---	1.66	2.50	1.96	1.57	---	---	1.87	1.35
16	1.06	1.26	---	---	1.82	2.41	1.99	1.55	---	---	1.71	1.33
17	1.06	1.52	---	1.58	2.56	2.19	1.89	1.54	---	---	1.63	1.33
18	1.06	1.41	---	1.75	2.14	2.08	1.86	1.51	---	---	1.58	1.32
19	1.05	1.36	---	4.16	1.95	2.02	1.85	1.49	---	---	1.53	1.54
20	1.05	1.39	---	3.61	1.86	2.96	1.86	1.51	---	1.90	1.65	1.80
21	1.05	1.34	---	2.48	1.79	2.85	1.88	1.53	---	1.74	1.54	1.57
22	1.06	1.30	---	2.06	2.13	2.43	1.82	1.63	---	1.54	1.48	1.44
23	1.06	1.28	---	1.90	2.05	2.25	1.80	1.61	---	1.48	1.45	1.39
24	1.05	1.33	---	1.81	1.90	2.15	1.80	1.50	---	1.45	1.44	1.48
25	1.07	1.66	---	1.74	2.52	2.09	1.81	1.82	---	1.77	1.43	1.52
26	1.11	1.64	---	1.70	2.63	2.03	1.80	1.63	---	1.86	1.41	1.41
27	1.09	1.49	---	1.68	2.25	2.00	1.83	1.51	---	1.61	1.41	1.38
28	1.07	1.42	---	1.63	2.10	1.96	1.77	2.05	---	1.55	1.41	1.36
29	1.07	1.38	---	1.61	---	2.05	1.69	2.24	---	1.66	1.41	1.33
30	1.06	1.36	---	1.92	---	2.23	1.68	1.80	---	1.78	1.39	1.32
31	1.06	---	---	1.76	---	2.05	---	1.68	---	1.59	1.44	---
MEAN	1.08	1.39	---	---	1.84	2.12	1.95	1.65	---	---	1.59	1.47
MAX	1.15	2.66	---	---	2.63	2.96	2.59	2.24	---	---	2.61	1.80
MIN	1.05	1.06	---	---	1.50	1.81	1.68	1.49	---	---	1.39	1.32

STATION NUMBER 02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344018 LONGITUDE 0843031 DRAINAGE AREA 236 DATUM 1216.04 STATE 13 COUNTY 123

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	---	---	---	---	---	---	---	---	1.87	.01	.04	---
2	---	---	---	---	---	---	---	---	.00	.00	.04	---
3	---	---	---	---	---	---	---	---	.16	.02	.00	---
4	---	---	---	---	---	---	---	---	.18	.90	.01	---
5	---	---	---	---	---	---	---	.00	.00	.03	.05	---
6	---	---	---	---	---	---	---	.05	.59	.01	.00	---
7	---	---	---	---	---	---	---	.00	.39	.00	.00	---
8	---	---	---	---	---	---	---	.02	.31	.00	.05	---
9	---	---	---	---	---	---	---	.03	.00	.20	.00	---
10	---	---	---	---	---	---	---	.00	.00	.00	.00	---
11	---	---	---	---	---	---	---	.08	.00	.00	.00	---
12	---	---	---	---	---	---	---	.00	.00	.00	.83	.00
13	---	---	---	---	---	---	---	.00	.00	.00	1.12	.00
14	---	---	---	---	---	---	---	.00	.59	.00	.00	.00
15	---	---	---	---	---	---	---	.00	.02	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.01	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	.02	.00	.01	.14	1.97
20	---	---	---	---	---	---	---	.00	.00	.35	.00	.46
21	---	---	---	---	---	---	---	.10	.00	.00	.00	.00
22	---	---	---	---	---	---	---	.76	.40	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.01	.00	.00
24	---	---	---	---	---	---	---	.47	.00	.03	.00	.39
25	---	---	---	---	---	---	---	.77	.01	.67	.00	.00
26	---	---	---	---	---	---	---	.00	.01	.00	.00	.00
27	---	---	---	---	---	---	---	.00	.03	.03	.00	.00
28	---	---	---	---	---	---	---	2.68	.55	.04	.00	.00
29	---	---	---	---	---	---	---	.07	.37	.69	.00	.00
30	---	---	---	---	---	---	---	.00	.39	.00	.01	.00
31	---	---	---	---	---	---	---	.11	---	.00	---	---
TOTAL	---	---	---	---	---	---	---	---	5.88	3.00	---	---

## MOBILE RIVER BASIN

### 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:

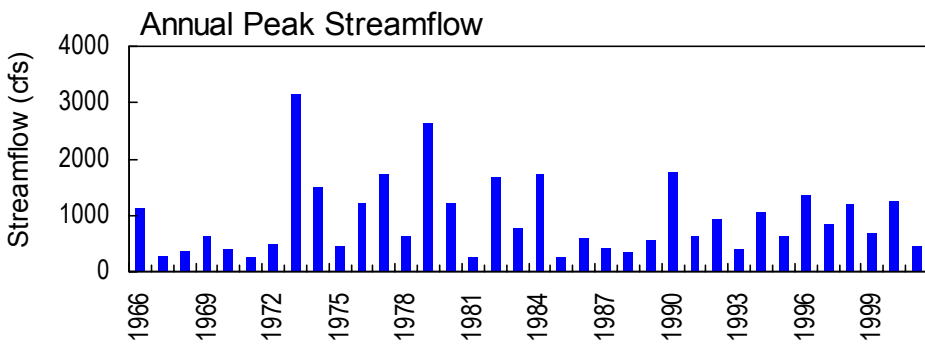
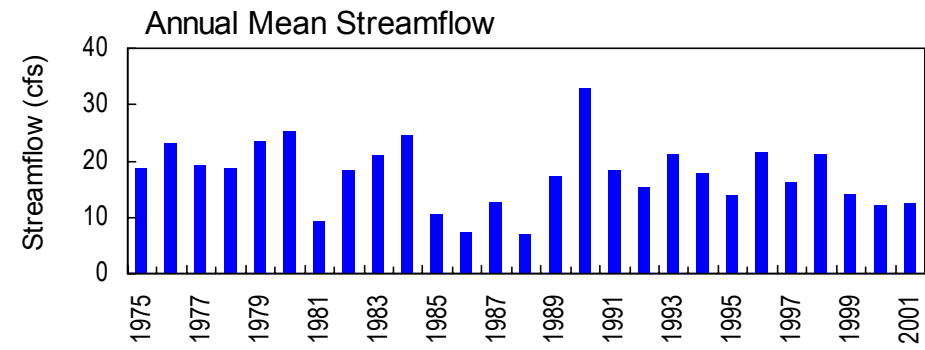
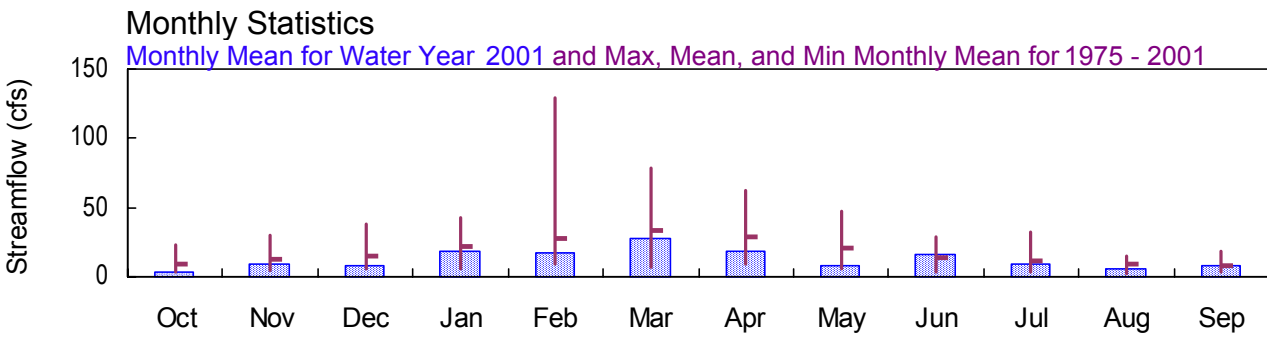
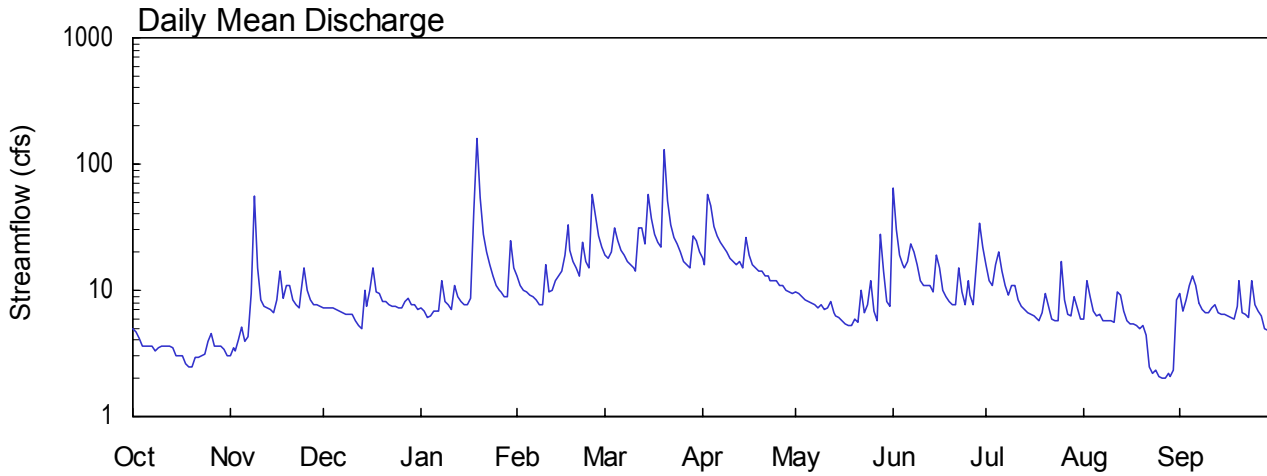
<http://water.sam.usace.army.mil/enhw.htm>

# MOBILE RIVER BASIN

## 2001 Water Year

### 02381600 FAUSETT CREEK NEAR TALKING ROCK, GA

Latitude: 34° 34' 17" Longitude: 84° 27' 55" Hydrologic Unit Code: 03150102 Gilmer County  
 Drainage Area: 9.99 mi<sup>2</sup> Datum: 1311 feet Period of Record: 1975 - 2001



**MOBILE RIVER BASIN  
2001 Water Year**

**02381600 FAUSETT CREEK NEAR TALKING ROCK, GA**

**LOCATION.**--Lat 34°34'13", long 84°28'08", 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<sup>2</sup>.

**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 sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records good.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 300 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Jan. 19	1245	450*	4.54*

No other peaks greater than base discharge

**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 sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 4.54 feet, January 19; minimum gage-height recorded, 1.14 feet, October 24.

STATION NUMBER 02381600 FAUSETT CREEK NEAR TALKING ROCK, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343417 LONGITUDE 0842755 DRAINAGE AREA 9.99 DATUM 1311.74 STATE 13 COUNTY 123

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	4.9	3.0	7.2	7.2	13	19	18	9.8	65	16	5.9	9.5
2	4.7	3.5	7.2	6.8	11	18	16	9.4	30	12	12	6.8
3	4.2	3.3	7.2	6.1	9.9	20	57	8.8	19	11	8.8	8.4
4	3.6	4.0	7.2	6.2	9.7	31	47	8.4	16	16	6.8	11
5	3.6	5.1	7.0	6.8	9.2	25	32	8.2	15	20	6.2	13
6	3.6	3.9	6.8	6.8	8.8	21	27	7.9	17	14	6.4	11
7	3.6	4.3	6.6	6.8	8.3	19	24	7.7	23	11	5.8	8.0
8	3.3	9.5	6.4	12	7.8	17	22	7.3	20	9.2	5.8	7.0
9	3.5	56	6.4	8.1	7.7	16	20	7.6	16	11	5.8	6.6
10	3.6	15	6.4	7.7	16	15	18	7.1	12	11	5.7	6.6
11	3.6	8.3	5.7	7.0	9.8	14	17	7.2	11	8.5	5.6	7.2
12	3.6	7.4	5.2	11	10	31	16	8.1	11	7.5	9.8	7.6
13	3.6	7.2	4.9	8.8	12	31	17	6.7	11	7.0	9.2	6.7
14	3.5	7.0	9.9	8.2	13	23	15	6.3	9.8	6.6	6.8	6.5
15	3.0	6.6	7.4	7.8	14	57	26	6.1	19	6.4	5.7	6.4
16	3.0	8.5	10	7.6	19	37	19	5.8	15	6.2	5.4	6.3
17	3.0	14	15	8.7	33	28	16	5.5	10	6.0	5.4	6.1
18	2.6	8.6	9.8	42	21	24	15	5.2	8.8	5.8	5.3	5.9
19	2.5	11	9.5	159	17	22	14	5.3	8.1	6.7	4.9	7.5
20	2.5	11	8.1	54	15	130	14	6.0	7.8	9.3	5.3	12
21	2.9	8.4	8.1	28	13	51	13	5.6	7.6	7.5	4.4	6.7
22	2.9	7.7	7.7	20	24	33	13	10	15	6.0	2.5	6.4
23	3.0	7.3	7.4	16	17	26	12	6.7	9.6	5.8	2.2	6.1
24	3.1	9.5	7.4	13	15	23	12	7.6	7.8	5.8	2.3	12
25	3.9	15	7.2	11	58	20	12	12	12	17	2.1	7.6
26	4.6	10	7.2	10	39	17	11	6.8	9.2	8.4	2.0	6.8
27	3.6	8.3	8.1	9.6	27	16	11	5.7	7.8	6.5	2.0	6.2
28	3.6	7.7	8.6	9.0	22	15	10	28	16	6.3	2.2	5.0
29	3.6	7.6	7.6	9.0	---	27	9.6	14	34	8.8	2.1	4.8
30	3.4	7.4	7.6	25	---	25	9.5	8.1	22	7.3	2.3	4.7
31	3.0	---	7.1	15	---	20	---	7.4	---	5.9	8.5	---
TOTAL	107.1	286.1	237.9	554.2	480.2	871	563.1	256.3	485.5	286.5	165.2	226.4
MEAN	3.45	9.54	7.67	17.9	17.1	28.1	18.8	8.27	16.2	9.24	5.33	7.55
MAX	4.9	56	15	159	58	130	57	28	65	20	12	13
MIN	2.5	3.0	4.9	6.1	7.7	14	9.5	5.2	7.6	5.8	2.0	4.7
CFSM	.35	.95	.77	1.79	1.72	2.81	1.88	.83	1.62	.93	.53	.76
IN.	.40	1.07	.89	2.06	1.79	3.24	2.10	.95	1.81	1.07	.62	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	8.93	12.6	14.9	22.3	27.6	32.9	29.3	20.4	14.2	12.0	8.87	7.67															
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	1989	1989	1989															
MIN	3.10	4.82	6.14	6.00	9.52	6.47	8.67	5.65	2.92	3.47	2.76	3.08															
(WY)	1988	1999	1989	1981	1988	2000	1986	1986	1988	1988	1988	1987															

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1975 - 2001

ANNUAL TOTAL	4217.9	4519.5																									
ANNUAL MEAN	11.5	12.4									17.6																
HIGHEST ANNUAL MEAN											32.9																1990
LOWEST ANNUAL MEAN											7.15																1988
HIGHEST DAILY MEAN	366	Apr 3						159	Jan 19		831																Feb 16 1990
LOWEST DAILY MEAN	1.1	Mar 10						2.0	Aug 26		1.1																Jun 26 1986
ANNUAL SEVEN-DAY MINIMUM	1.6	Mar 4						2.1	Aug 23		1.2																Jun 22 1986
MAXIMUM PEAK FLOW								450	Jan 19		3160																May 29 1973
MAXIMUM PEAK STAGE								4.54	Jan 19		16.96																May 29 1973
INSTANTANEOUS LOW FLOW								1.7	Aug 22		1.1																Jun 24 1986
ANNUAL RUNOFF (CFSM)	1.15							1.24			1.76																
ANNUAL RUNOFF (INCHES)	15.71							16.83			23.91																
10 PERCENT EXCEEDS	19							23			31																
50 PERCENT EXCEEDS	7.4							8.3			12																
90 PERCENT EXCEEDS	2.5							3.6			5.1																

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/09/2002 AT: 14:05:19

STATION NUMBER 02381600 FAUSETT CREEK NEAR TALKING ROCK, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343417 LONGITUDE 0842755 DRAINAGE AREA 9.99 DATUM 1311.74 STATE 13 COUNTY 123

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

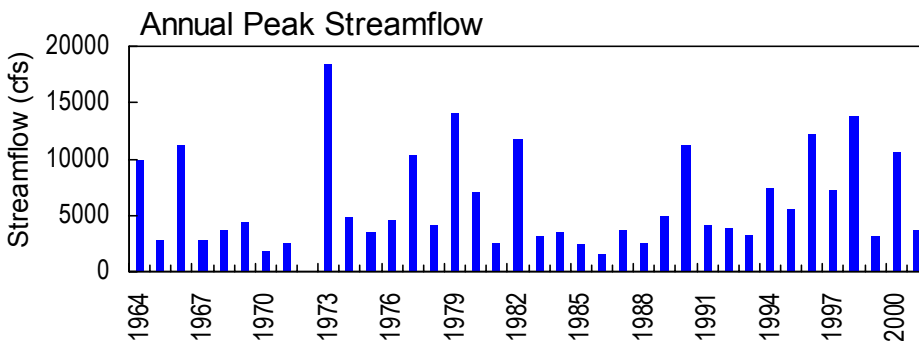
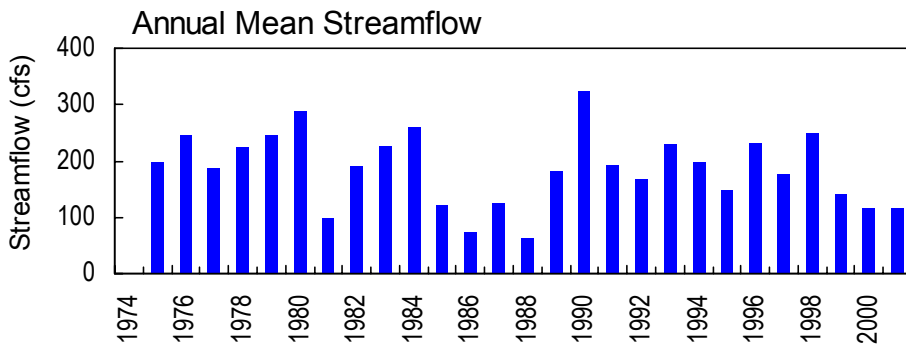
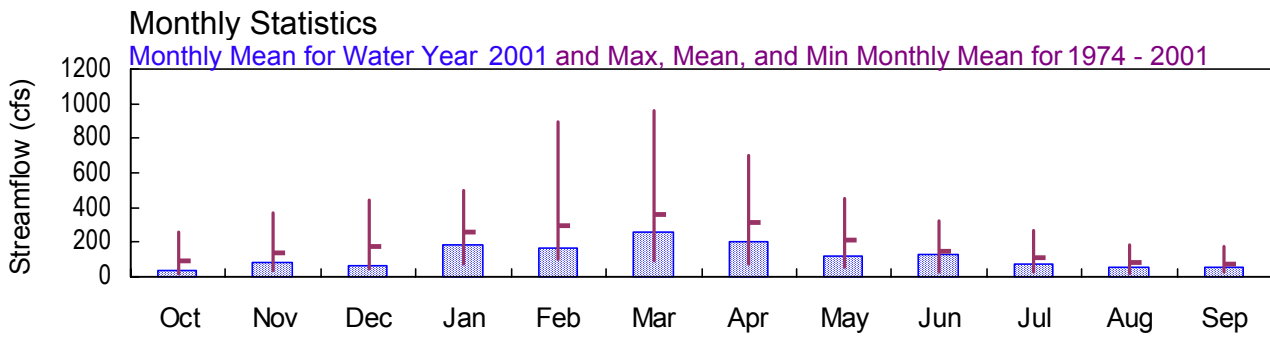
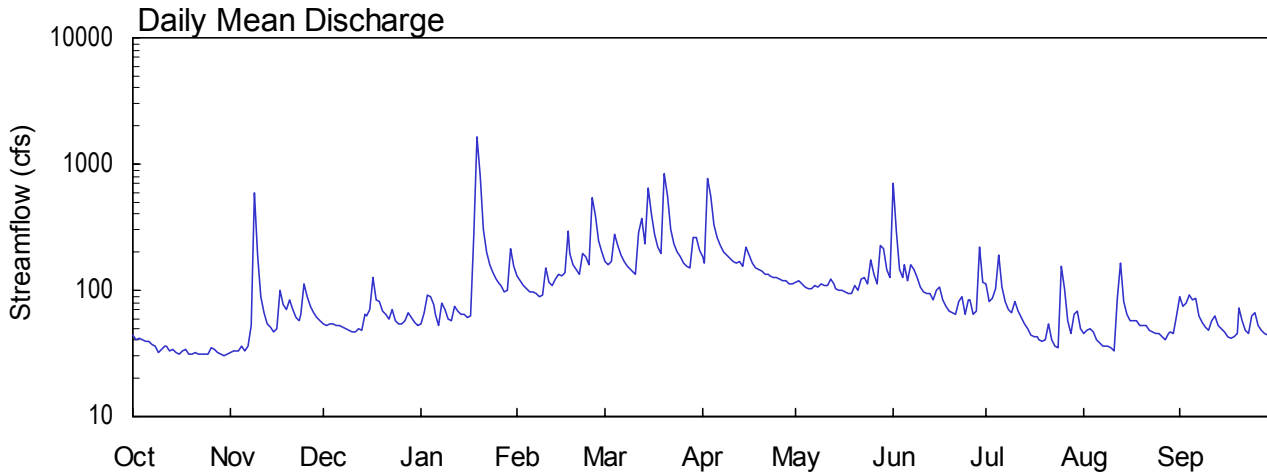
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.19	1.16	1.25	1.25	1.36	1.46	1.55	1.41	1.97	1.48	1.28	1.36
2	1.19	1.17	1.25	1.24	1.33	1.44	1.53	1.40	1.66	1.41	1.37	1.30
3	1.18	1.16	1.25	1.22	1.31	1.48	1.93	1.39	1.52	1.38	1.34	1.34
4	1.17	1.18	1.25	1.23	1.31	1.62	1.88	1.38	1.47	1.46	1.30	1.39
5	1.17	1.20	1.24	1.24	1.30	1.53	1.73	1.37	1.46	1.53	1.29	1.40
6	1.17	1.18	1.24	1.24	1.29	1.49	1.67	1.37	1.48	1.44	1.29	1.34
7	1.17	1.18	1.24	1.24	1.28	1.46	1.63	1.36	1.58	1.38	1.28	1.27
8	1.16	1.30	1.23	1.35	1.26	1.43	1.60	1.35	1.53	1.36	1.27	1.26
9	1.17	1.83	1.23	1.27	1.26	1.41	1.58	1.36	1.47	1.39	1.27	1.25
10	1.17	1.39	1.23	1.26	1.41	1.40	1.56	1.35	1.41	1.38	1.27	1.24
11	1.17	1.28	1.21	1.24	1.31	1.39	1.54	1.35	1.39	1.34	1.27	1.26
12	1.17	1.25	1.20	1.33	1.31	1.58	1.53	1.37	1.39	1.32	1.36	1.26
13	1.17	1.25	1.19	1.29	1.35	1.62	1.54	1.34	1.39	1.31	1.36	1.25
14	1.17	1.25	1.30	1.27	1.36	1.52	1.51	1.33	1.37	1.29	1.30	1.24
15	1.16	1.24	1.25	1.26	1.37	1.88	1.65	1.32	1.51	1.29	1.27	1.24
16	1.16	1.27	1.32	1.26	1.44	1.69	1.57	1.32	1.45	1.28	1.27	1.24
17	1.16	1.38	1.40	1.28	1.64	1.58	1.53	1.31	1.37	1.28	1.27	1.23
18	1.15	1.28	1.31	1.72	1.49	1.52	1.51	1.30	1.35	1.28	1.26	1.23
19	1.15	1.32	1.30	2.65	1.43	1.50	1.49	1.30	1.33	1.30	1.25	1.26
20	1.15	1.32	1.27	1.85	1.39	2.50	1.49	1.32	1.32	1.35	1.26	1.34
21	1.16	1.28	1.27	1.58	1.36	1.92	1.48	1.31	1.32	1.32	1.24	1.25
22	1.16	1.26	1.26	1.47	1.52	1.74	1.46	1.40	1.45	1.28	1.21	1.24
23	1.16	1.25	1.25	1.41	1.44	1.66	1.46	1.34	1.36	1.27	1.20	1.23
24	1.16	1.30	1.25	1.37	1.40	1.62	1.45	1.36	1.32	1.28	1.21	1.34
25	1.18	1.40	1.25	1.33	1.86	1.58	1.45	1.45	1.39	1.47	1.20	1.26
26	1.19	1.31	1.25	1.31	1.71	1.55	1.44	1.34	1.35	1.34	1.20	1.25
27	1.17	1.28	1.27	1.30	1.57	1.53	1.43	1.31	1.32	1.29	1.20	1.23
28	1.17	1.26	1.28	1.29	1.50	1.51	1.42	1.66	1.44	1.29	1.20	1.20
29	1.17	1.26	1.26	1.29	---	1.65	1.40	1.49	1.69	1.34	1.20	1.20
30	1.17	1.25	1.26	1.54	---	1.64	1.40	1.37	1.56	1.31	1.20	1.20
31	1.16	---	1.25	1.39	---	1.58	---	1.35	---	1.28	1.33	---
MEAN	1.17	1.28	1.26	1.39	1.41	1.60	1.55	1.37	1.45	1.35	1.27	1.27
MAX	1.19	1.83	1.40	2.65	1.86	2.50	1.93	1.66	1.97	1.53	1.37	1.40
MIN	1.15	1.16	1.19	1.22	1.26	1.39	1.40	1.30	1.32	1.27	1.20	1.20

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 893.7 feet Period of Record: 1974 - 2001





**MOBILE RIVER BASIN  
2001 Water Year**

**02382200 TALKING ROCK CREEK NEAR HINTON, GA**

**LOCATION.**--Lat 34°31'22", long 84°36'40", Pickens County, Hydrologic Unit 03150102, on left bank, 300 feet downstream from Scarecorn Creek, and 3.3 miles northwest of Hinton.

**DRAINAGE AREA.**--119 mi<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s from rating curve extended above 6,200 ft<sup>3</sup>/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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Jan. 19	1415	3,640*	6.82*

No other peaks greater than base discharge

**MOBILE RIVER BASIN  
2001 Water Year**

**02382200 TALKING ROCK CREEK NEAR HINTON, GA—continued.**

**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 sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records fair.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 6.82 feet, January 19; minimum gage-height recorded, 0.81 feet, October 24.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 8, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02382200 TALKING ROCK CREEK NEAR HINTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343122 LONGITUDE 0843640 DRAINAGE AREA 119.00 DATUM 893.69 STATE 13 COUNTY 227

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	44	32	54	54	130	170	183	117	712	113	46	90
2	41	33	52	67	118	159	163	119	291	81	48	75
3	42	33	55	91	108	170	768	e112	145	86	50	80
4	40	33	55	89	102	280	560	e107	127	104	47	92
5	39	36	53	78	98	227	331	e104	158	191	40	85
6	39	33	52	65	97	191	262	e104	118	107	38	87
7	37	36	51	52	93	168	225	e108	160	82	36	63
8	36	52	49	80	89	156	204	107	147	71	36	56
9	32	599	48	71	91	147	190	111	125	66	36	51
10	34	192	47	60	152	139	180	110	106	82	35	48
11	36	90	47	58	115	132	171	108	96	68	33	57
12	36	67	50	74	110	283	164	123	95	61	87	63
13	33	55	48	69	124	367	169	112	95	55	165	52
14	34	51	65	65	132	233	157	103	84	50	81	50
15	32	47	62	64	130	654	219	99	100	44	65	47
16	31	49	70	61	137	404	192	100	106	43	58	43
17	33	100	126	62	293	276	164	98	84	43	57	42
18	34	76	85	272	197	217	152	95	75	40	57	43
19	31	71	81	1660	160	196	144	94	69	39	52	45
20	31	84	68	810	144	848	141	108	66	41	53	72
21	32	71	65	305	133	552	135	101	64	54	52	58
22	31	61	59	199	195	302	134	124	82	41	48	48
23	31	57	70	159	185	232	130	128	89	36	47	45
24	31	64	58	139	158	201	126	113	64	35	46	62
25	31	111	55	121	545	182	126	172	85	157	45	67
26	35	90	54	111	399	166	121	132	84	102	43	52
27	34	74	58	108	247	157	118	113	64	58	41	48
28	32	67	66	98	199	149	119	224	68	46	45	45
29	31	61	61	99	---	265	114	211	217	64	47	44
30	30	58	56	211	---	265	112	145	115	68	45	40
31	31	---	52	153	---	206	---	126	---	49	63	---
TOTAL	1064	2483	1872	5605	4681	8094	5974	3728	3891	2177	1642	1750
MEAN	34.3	82.8	60.4	181	167	261	199	120	130	70.2	53.0	58.3
MAX	44	599	126	1660	545	848	768	224	712	191	165	92
MIN	30	32	47	52	89	132	112	94	64	35	33	40
CFSM	.29	.70	.51	1.52	1.40	2.19	1.67	1.01	1.09	.59	.45	.49
IN.	.33	.78	.59	1.75	1.46	2.53	1.87	1.17	1.22	.68	.51	.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2001, BY WATER YEAR (WY)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	95.3	135	172	258	294	362	313	212	151	115	86.5	75.3																
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	21.4	23.5																
(WY)	1988	1988	1989	1981	1988	1988	1986	1988	1988	1988	1988	1987																

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1974 - 2001

ANNUAL TOTAL		40151		42961																								
ANNUAL MEAN		110		118							186																	
HIGHEST ANNUAL MEAN											323																	1990
LOWEST ANNUAL MEAN											62.7																	1988
HIGHEST DAILY MEAN			4410		Apr 3		1660		Jan 19		6890																	Mar 4 1979
LOWEST DAILY MEAN			21		Aug 19		30		Oct 30		6.1																	Jul 11 1988
ANNUAL SEVEN-DAY MINIMUM			25		Sep 14		31		Oct 19		9.7																	Aug 31 1987
MAXIMUM PEAK FLOW							3640		Jan 19		14100																	Mar 4 1979
MAXIMUM PEAK STAGE								6.82	Jan 19		14.18																	Mar 4 1979
ANNUAL RUNOFF (CFSM)		.92					.99				1.57																	
ANNUAL RUNOFF (INCHES)		12.55					13.43				21.27																	
10 PERCENT EXCEEDS		150					208				342																	
50 PERCENT EXCEEDS		75					82				123																	
90 PERCENT EXCEEDS		32					36				47																	

STATISTICS COMPUTED BY: gabailey

DATE: 04/09/2002 AT: 08:33:12

e Estimated

STATION NUMBER 02382200 TALKING ROCK CREEK NEAR HINTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343122 LONGITUDE 0843640 DRAINAGE AREA 119.00 DATUM 893.69 STATE 13 COUNTY 227

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	.98	.86	1.06	1.07	1.37	1.56	1.68	1.40	2.84	1.60	1.18	1.31
2	.96	.87	1.05	1.15	1.31	1.51	1.61	1.41	2.22	1.43	1.20	1.21
3	.96	.87	1.07	1.30	1.27	1.56	2.96	---	1.75	1.45	1.21	1.24
4	.95	.88	1.07	1.29	1.23	1.95	2.70	---	1.67	1.56	1.18	1.32
5	.94	.91	1.06	1.23	1.21	1.77	2.17	---	1.80	1.91	1.13	1.27
6	.93	.87	1.04	1.14	1.20	1.64	1.97	---	1.63	1.58	1.10	1.28
7	.92	.90	1.04	1.05	1.18	1.55	1.85	---	1.81	1.44	1.09	1.13
8	.90	1.04	1.03	1.24	1.16	1.49	1.77	1.35	1.76	1.37	1.08	1.08
9	.86	2.53	1.01	1.19	1.17	1.45	1.71	1.37	1.66	1.33	1.08	1.04
10	.89	1.74	1.01	1.11	1.47	1.42	1.68	1.37	1.57	1.44	1.07	1.02
11	.90	1.30	1.01	1.09	1.30	1.38	1.64	1.35	1.52	1.34	1.05	1.09
12	.91	1.16	1.03	1.20	1.28	1.81	1.61	1.43	1.52	1.29	1.26	1.13
13	.88	1.07	1.01	1.18	1.35	2.19	1.63	1.37	1.51	1.25	1.62	1.05
14	.88	1.04	1.15	1.15	1.38	1.79	1.58	1.33	1.45	1.21	1.25	1.04
15	.86	1.01	1.12	1.14	1.37	2.80	1.81	1.31	1.54	1.16	1.15	1.01
16	.85	1.02	1.18	1.11	1.40	2.29	1.72	1.31	1.57	1.15	1.10	.97
17	.87	1.36	1.49	1.12	1.98	1.93	1.61	1.30	1.45	1.15	1.09	.96
18	.88	1.22	1.28	1.91	1.66	1.74	1.56	1.28	1.39	1.13	1.09	.97
19	.85	1.19	1.25	4.38	1.51	1.66	1.53	1.28	1.36	1.12	1.05	.99
20	.85	1.27	1.17	3.15	1.44	3.16	1.51	1.35	1.33	1.13	1.05	1.19
21	.86	1.19	1.14	2.02	1.39	2.69	1.49	1.32	1.32	1.24	1.05	1.09
22	.85	1.12	1.10	1.67	1.64	2.09	1.48	1.43	1.42	1.13	1.02	1.02
23	.85	1.08	1.18	1.50	1.61	1.87	1.46	1.45	1.48	1.09	1.00	.99
24	.85	1.13	1.09	1.41	1.50	1.76	1.44	1.38	1.32	1.07	1.00	1.11
25	.85	1.42	1.07	1.33	2.47	1.68	1.44	1.64	1.41	1.68	.99	1.16
26	.89	1.30	1.06	1.28	2.28	1.62	1.42	1.47	1.45	1.54	.97	1.05
27	.88	1.20	1.10	1.26	1.84	1.58	1.41	1.38	1.32	1.28	.96	1.02
28	.86	1.16	1.15	1.21	1.67	1.55	1.41	1.79	1.35	1.18	.99	.99
29	.85	1.12	1.11	1.22	---	1.90	1.39	1.79	1.97	1.30	1.00	.98
30	.84	1.09	1.08	1.71	---	1.97	1.37	1.53	1.62	1.35	.99	.94
31	.86	---	1.05	1.48	---	1.78	---	1.45	---	1.20	1.12	---
MEAN	.89	1.16	1.11	1.46	1.49	1.84	1.69	---	1.60	1.33	1.10	1.09

STATION NUMBER 02382200 TALKING ROCK CREEK NEAR HINTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343122 LONGITUDE 0843640 DRAINAGE AREA 119.00 DATUM 893.69 STATE 13 COUNTY 227

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	---	---	---	---	---	---	---	---	1.79	.00	.00	.30
2	---	---	---	---	---	---	---	---	.00	.00	.02	.30
3	---	---	---	---	---	---	---	---	.06	.91	.01	.32
4	---	---	---	---	---	---	---	---	.28	.71	.00	.00
5	---	---	---	---	---	---	---	---	.01	.13	.00	.14
6	---	---	---	---	---	---	---	---	.06	.00	.00	.00
7	---	---	---	---	---	---	---	---	.11	.00	.00	.00
8	---	---	---	---	---	---	---	.00	.25	.00	.00	.00
9	---	---	---	---	---	---	---	.00	.00	.25	.00	.00
10	---	---	---	---	---	---	---	.00	.00	.00	.02	.15
11	---	---	---	---	---	---	---	.10	.00	.00	.00	1.03
12	---	---	---	---	---	---	---	.00	.00	.00	.69	.00
13	---	---	---	---	---	---	---	.00	.00	.00	.14	.02
14	---	---	---	---	---	---	---	.00	.07	.00	.00	.00
15	---	---	---	---	---	---	---	.00	.59	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.18	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	.12	.00	.00	.15	.08
20	---	---	---	---	---	---	---	.03	.00	.23	.00	.08
21	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
22	---	---	---	---	---	---	---	.68	.54	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
24	---	---	---	---	---	---	---	.54	.00	.00	.00	.49
25	---	---	---	---	---	---	---	.40	.66	2.47	.00	.00
26	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
27	---	---	---	---	---	---	---	.00	.01	.00	.09	.00
28	---	---	---	---	---	---	---	1.72	.43	.01	.00	.00
29	---	---	---	---	---	---	---	.00	.53	1.11	.00	.00
30	---	---	---	---	---	---	---	.00	.06	.00	.11	.00
31	---	---	---	---	---	---	---	.28	---	.01	.61	---
TOTAL	---	---	---	---	---	---	---	---	5.45	5.83	2.02	2.91

**MOBILE RIVER BASIN  
2001 Water Year**

**02382400 CARTERS RE-REGULATION LAKE NEAR CARTERS, GA**

**LOCATION.**--Lat 34°36'15", long 84°41'29", 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<sup>2</sup>.

**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 at sea level (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 feet wide by 36.5 feet high. Capacity at maximum storage pool elevation, 698 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, 45.67 feet, November 16; minimum gage-height, 24.25, December 11.

STATION NUMBER 02382400 CARTERS RE-REGULATION LAKE NEAR CARTERS, GA LAKE SOURCE AGENCY USGS  
 LATITUDE 343615 LONGITUDE 0844129 DATUM STATE 13 COUNTY 213

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

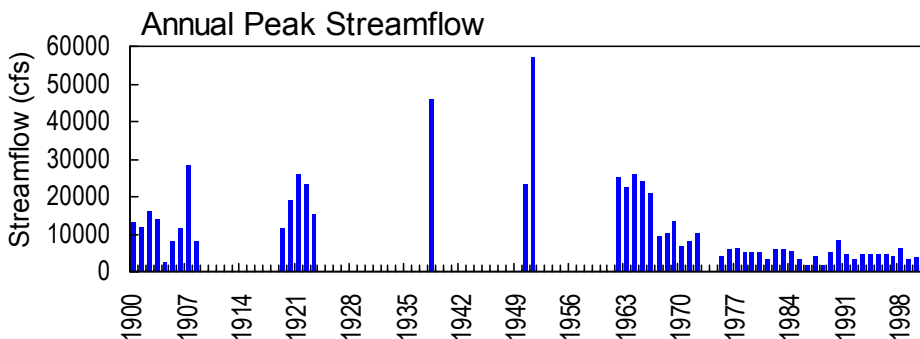
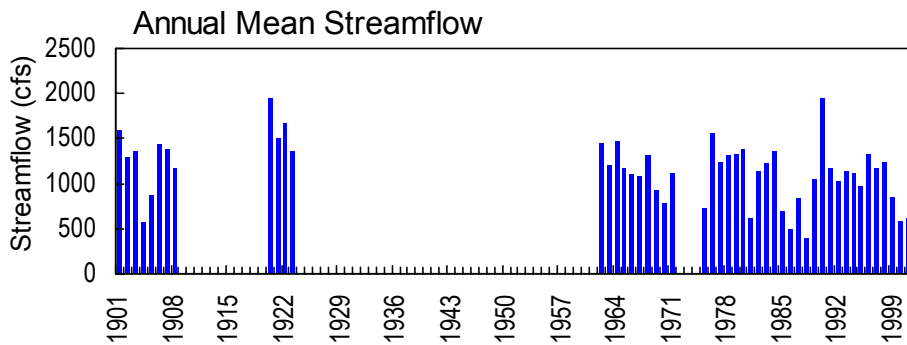
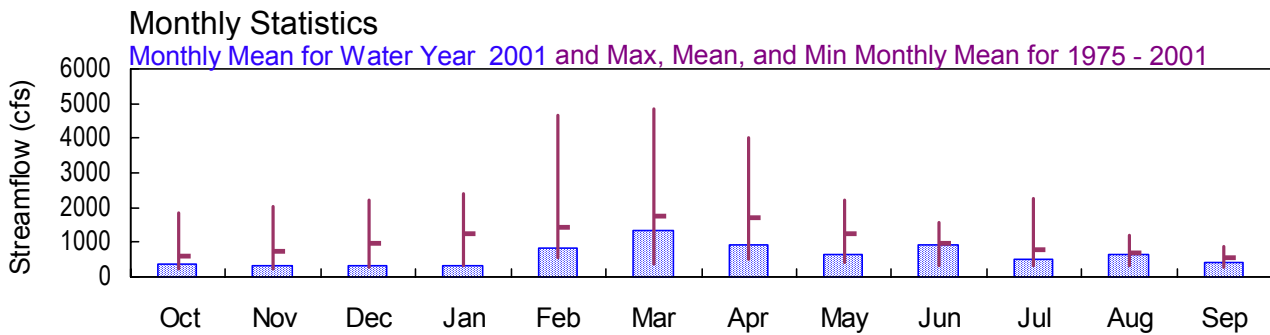
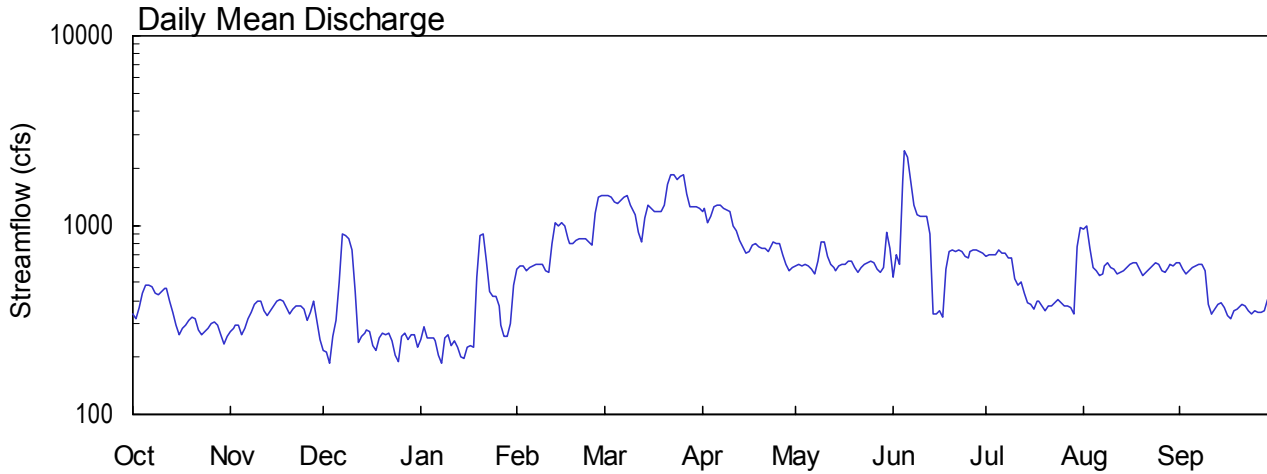
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.90	36.35	40.36	30.43	40.19	40.07	29.42	35.77	37.82	32.15	34.41	38.78
2	32.77	37.85	39.77	33.32	42.90	41.43	28.31	38.06	40.69	30.72	35.86	34.64
3	35.99	39.69	35.23	37.06	42.84	40.55	33.45	39.62	37.07	33.23	37.07	31.96
4	37.85	39.77	35.79	38.66	38.63	35.65	35.99	41.67	34.74	34.18	36.44	33.70
5	39.42	34.95	39.95	39.01	36.72	33.76	37.79	39.97	34.01	37.46	31.85	35.39
6	40.67	31.15	42.17	37.97	38.65	37.63	38.49	37.18	34.35	37.25	28.48	36.83
7	39.86	32.20	41.74	33.52	39.13	37.55	38.19	34.64	36.40	36.90	29.51	38.44
8	35.85	34.96	41.35	30.90	39.32	38.12	33.66	36.02	39.07	34.37	34.07	37.73
9	34.70	38.18	38.37	32.55	39.55	38.58	30.38	35.29	40.04	31.82	36.85	33.38
10	37.15	41.29	32.03	35.91	35.64	38.46	32.71	35.32	34.84	32.00	38.37	31.02
11	39.27	41.52	28.82	36.11	30.83	34.47	33.65	36.15	31.92	33.80	37.68	33.63
12	39.91	36.88	32.49	38.20	30.10	30.29	35.96	36.10	31.67	35.23	33.56	36.37
13	40.39	34.61	34.77	36.52	33.31	32.58	37.54	32.43	30.76	36.60	31.22	38.38
14	38.11	37.07	37.01	33.33	33.68	34.83	37.28	29.62	32.59	36.45	32.68	39.93
15	32.97	39.60	39.47	30.15	35.95	36.13	---	31.57	35.90	32.48	34.23	37.65
16	29.80	42.99	37.83	31.26	37.83	38.96	---	33.99	37.32	30.76	36.63	33.58
17	32.47	43.52	31.86	31.94	37.63	38.98	---	36.52	34.25	34.31	38.08	31.92
18	34.08	42.05	31.13	35.23	34.83	34.47	---	38.31	32.67	37.09	37.10	35.57
19	36.32	38.31	35.47	39.86	34.90	31.94	---	38.60	34.74	39.68	33.17	37.04
20	38.78	36.37	37.93	40.12	36.68	35.47	36.03	34.83	36.24	41.82	30.72	38.47
21	38.01	38.88	40.59	34.13	37.69	41.12	35.55	32.21	38.00	40.76	33.10	40.33
22	32.92	41.42	42.30	31.94	39.07	42.27	33.87	34.62	39.49	36.36	34.30	39.89
23	31.18	42.72	39.27	34.13	40.84	41.71	32.83	36.84	39.07	34.82	36.53	36.92
24	32.56	42.00	34.14	36.49	39.11	38.63	37.86	38.51	34.58	37.13	38.48	35.18
25	35.36	39.43	32.05	38.60	35.38	33.32	39.08	39.27	31.17	38.03	38.01	37.20
26	37.82	34.63	32.23	39.39	35.47	32.05	38.25	37.47	34.61	40.18	33.95	36.69
27	39.58	30.70	35.49	37.13	36.97	34.30	37.71	33.33	35.44	40.94	31.23	36.76
28	38.66	33.06	36.46	32.46	37.86	35.82	37.39	29.38	36.63	39.67	32.67	37.86
29	34.26	34.16	39.05	31.82	---	36.00	33.49	29.91	38.32	36.14	34.59	37.59
30	31.49	36.87	39.22	36.07	---	36.70	32.18	34.32	36.67	33.84	36.92	33.61
31	34.01	---	34.52	38.77	---	34.62	---	36.02	---	33.69	39.28	---
MEAN	36.04	37.77	36.74	35.26	37.20	36.66	---	35.60	35.70	35.80	34.74	36.21
MAX	40.67	43.52	42.30	40.12	42.90	42.27	---	41.67	40.69	41.82	39.28	40.33
MIN	29.80	30.70	28.82	30.15	30.10	30.29	---	29.38	30.76	30.72	28.48	31.02

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 650.7 feet Period of Record: 1975 - 2001





**MOBILE RIVER BASIN  
2001 Water Year**

**02382500 COOSAWATTEE RIVER AT CARTERS, GA**

**LOCATION.**--Lat 34°36'13", long 84°41'44", Murray County, Hydrologic Unit 03150102, on downstream side of center bridge pier on US Highway 411 at Carters, 200 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<sup>2</sup>.

**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 sea level (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.

**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<sup>3</sup>/s, from rating curve extended above 24,000 ft<sup>3</sup>/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 sea level (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, 8.47 feet, June 4; minimum gage-height recorded, 3.69 feet, September 10.

STATION NUMBER 02382500 COOSAWATTEE RIVER AT CARTERS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343613 LONGITUDE 0844144 DRAINAGE AREA 521 DATUM 650.67 STATE 13 COUNTY 213

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	342	275	219	247	590	1430	1190	610	535	688	957	631
2	322	287	212	290	612	1430	1220	626	703	698	1000	586
3	370	298	188	253	612	1400	1020	605	623	693	761	552
4	442	297	258	255	570	1330	1110	625	1700	698	600	573
5	478	262	317	256	595	1300	1240	612	2450	745	579	592
6	486	283	503	245	614	1360	1280	585	2280	712	537	608
7	476	324	891	207	619	1400	1270	554	1690	708	549	626
8	440	346	886	187	621	1420	1220	648	1280	677	608	619
9	427	384	846	253	623	1270	1200	812	1140	676	633	570
10	447	397	743	266	580	1170	1190	811	1110	523	602	382
11	465	395	450	230	568	1140	998	691	1120	481	589	341
12	467	356	240	244	804	917	927	620	1110	505	556	362
13	398	333	258	226	1020	812	829	599	895	439	561	381
14	344	356	270	200	990	1090	763	579	342	386	578	388
15	297	377	282	197	1030	1270	718	605	341	382	596	368
16	263	400	274	224	991	1230	727	625	351	364	623	334
17	286	404	232	231	853	1190	784	624	329	395	639	320
18	298	394	216	225	798	1170	799	642	587	401	629	356
19	313	368	254	534	799	1180	766	641	725	376	583	362
20	327	340	267	873	828	1280	760	602	735	353	544	369
21	320	359	264	896	844	1650	755	567	729	372	568	379
22	281	377	270	650	841	1860	731	597	735	378	582	376
23	264	377	244	449	846	1830	751	622	730	393	607	356
24	275	373	207	420	820	1750	810	639	678	409	628	343
25	287	359	190	418	787	1800	806	647	665	387	625	356
26	302	316	257	372	1160	1830	797	631	721	374	579	349
27	309	347	271	297	1400	1470	700	583	734	376	569	349
28	297	395	247	257	1420	1260	619	566	737	366	603	355
29	265	317	262	257	---	1260	580	598	731	342	624	409
30	235	247	263	300	---	1250	597	912	708	772	609	410
31	258	---	226	480	---	1230	---	750	---	972	634	---
TOTAL	10781	10343	10507	10439	22835	41979	27157	19828	27214	16041	19352	13002
MEAN	348	345	339	337	816	1354	905	640	907	517	624	433
MAX	486	404	891	896	1420	1860	1280	912	2450	972	1000	631
MIN	235	247	188	187	568	812	580	554	329	342	537	320
CFSM	.67	.66	.65	.65	1.57	2.60	1.74	1.23	1.74	.99	1.20	.83
IN.	.77	.74	.75	.75	1.63	3.00	1.94	1.42	1.94	1.15	1.38	.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	617	749	957	1229	1441	1763	1713	1230	950	802	682	555																
MAX	1852	2008	2211	2384	4651	4861	4004	2217	1573	2247	1219	871																
(WY)	1990	1978	1983	1978	1990	1977	1984	1989	1976	1984	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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1975 - 2001

ANNUAL TOTAL		218762				229478																							
ANNUAL MEAN		598				629																							
HIGHEST ANNUAL MEAN																													
LOWEST ANNUAL MEAN																													
HIGHEST DAILY MEAN				3520		Apr 4		2450		Jun 5		6580		Feb 16		1990													
LOWEST DAILY MEAN				188		Dec 3		187		Jan 8		122		Nov 15		1974													
ANNUAL SEVEN-DAY MINIMUM				240		Dec 23		221		Jan 12		172		Nov 27		1998													
MAXIMUM PEAK FLOW								2680		Jun 4		8370		Feb 16		1990													
MAXIMUM PEAK STAGE								8.47		Jun 4		18.94		Feb 16		1990													
ANNUAL RUNOFF (CFSM)				1.15				1.21				2.02																	
ANNUAL RUNOFF (INCHES)				15.62				16.38				27.51																	
10 PERCENT EXCEEDS				1040				1190				2110																	
50 PERCENT EXCEEDS				466				580				796																	
90 PERCENT EXCEEDS				285				260				317																	

STATISTICS COMPUTED BY: jkjoier

DATE: 04/09/2002 AT: 14:07:55

STATION NUMBER 02382500 COOSAWATTEE RIVER AT CARTERS, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343613 LONGITUDE 0844144 DRAINAGE AREA 521 DATUM 650.67 STATE 13 COUNTY 213

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

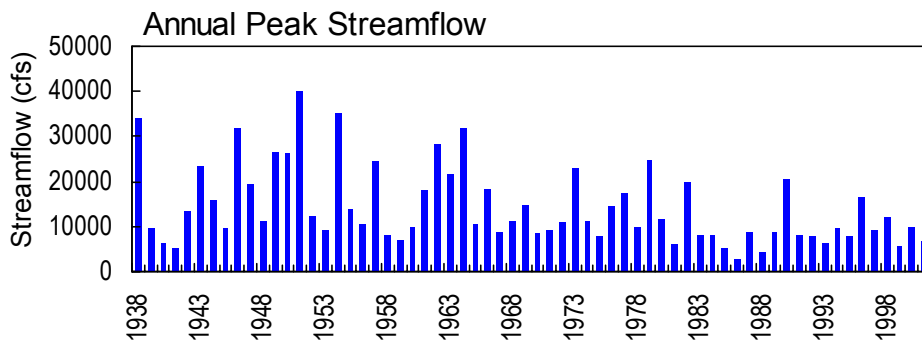
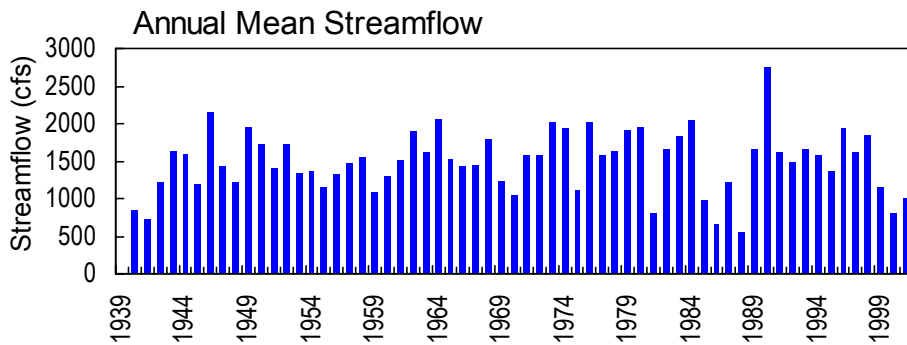
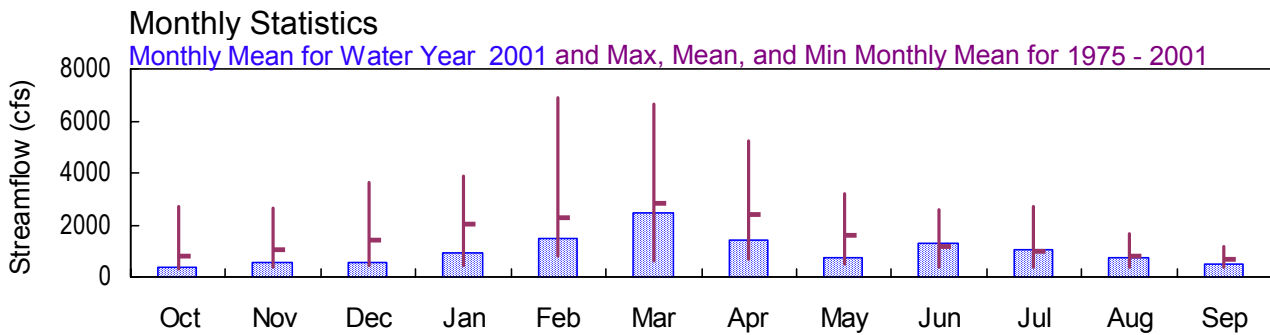
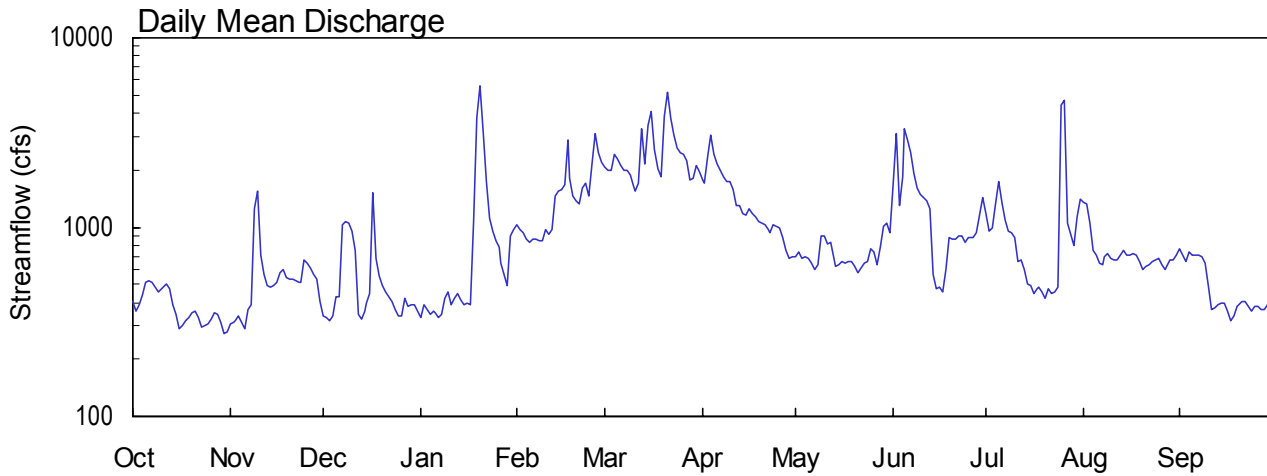
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.22	4.04	3.92	3.98	4.83	6.45	6.02	4.82	4.63	5.16	5.67	4.87
2	4.17	4.08	3.90	4.09	4.89	6.44	6.07	4.86	5.01	5.18	5.71	4.76
3	4.29	4.11	3.85	3.99	4.89	6.40	5.69	4.81	4.85	5.17	5.14	4.68
4	4.48	4.10	4.01	3.99	4.79	6.27	5.87	4.86	6.77	5.18	4.80	4.73
5	4.56	4.01	4.16	3.99	4.85	6.24	6.12	4.83	8.09	5.27	4.75	4.78
6	4.58	4.07	4.59	3.97	4.89	6.33	6.18	4.76	7.82	5.21	4.64	4.82
7	4.56	4.18	5.48	3.89	4.90	6.41	6.17	4.69	6.87	5.20	4.67	4.86
8	4.47	4.23	5.47	3.84	4.91	6.43	6.07	4.90	6.21	5.14	4.82	4.84
9	4.44	4.33	5.39	4.00	4.91	6.17	6.03	5.27	5.98	5.13	4.88	4.72
10	4.49	4.36	5.18	4.03	4.81	6.00	6.01	5.27	5.95	4.76	4.80	4.24
11	4.53	4.36	4.49	3.94	4.78	5.95	5.65	5.00	5.95	4.66	4.77	4.13
12	4.54	4.26	3.96	3.97	5.28	5.52	5.51	4.85	5.94	4.72	4.69	4.19
13	4.36	4.20	4.00	3.93	5.72	5.32	5.31	4.79	5.54	4.55	4.70	4.24
14	4.23	4.26	4.03	3.88	5.67	5.84	5.17	4.75	4.29	4.41	4.74	4.26
15	4.10	4.31	4.06	3.87	5.74	6.17	5.07	4.81	4.29	4.40	4.79	4.20
16	4.02	4.37	4.04	3.93	5.67	6.10	5.09	4.86	4.32	4.35	4.85	4.11
17	4.07	4.38	3.94	3.94	5.40	6.04	5.22	4.85	4.26	4.44	4.89	4.08
18	4.11	4.36	3.91	3.93	5.29	6.01	5.25	4.90	4.89	4.45	4.87	4.17
19	4.15	4.29	3.99	4.66	5.29	6.02	5.18	4.89	5.23	4.39	4.76	4.19
20	4.19	4.22	4.02	5.44	5.35	6.19	5.16	4.80	5.25	4.33	4.66	4.21
21	4.17	4.26	4.01	5.49	5.38	6.81	5.15	4.72	5.24	4.38	4.72	4.24
22	4.06	4.31	4.03	4.95	5.38	7.15	5.10	4.79	5.25	4.39	4.75	4.23
23	4.02	4.31	3.97	4.50	5.39	7.11	5.14	4.85	5.24	4.43	4.82	4.17
24	4.04	4.30	3.89	4.42	5.33	6.98	5.27	4.89	5.14	4.47	4.86	4.14
25	4.08	4.26	3.85	4.42	5.27	7.06	5.26	4.91	5.11	4.42	4.86	4.17
26	4.12	4.16	4.01	4.30	5.97	7.10	5.24	4.87	5.23	4.38	4.75	4.16
27	4.14	4.23	4.04	4.10	6.39	6.49	5.03	4.76	5.25	4.39	4.72	4.15
28	4.10	4.36	3.98	4.00	6.43	6.15	4.84	4.72	5.26	4.36	4.81	4.17
29	4.02	4.16	4.01	4.01	---	6.15	4.75	4.79	5.25	4.30	4.85	4.31
30	3.95	3.99	4.01	4.11	---	6.12	4.79	5.45	5.20	5.25	4.82	4.32
31	4.00	---	3.93	4.56	---	6.10	---	5.10	---	5.70	4.88	---
MEAN	4.23	4.23	4.20	4.20	5.30	6.31	5.45	4.88	5.48	4.73	4.85	4.37

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 616.2 feet Period of Record: 1975 - 2001



USGS 02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA

**MOBILE RIVER BASIN  
2001 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<sup>2</sup>.

**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 sea level (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.

**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<sup>3</sup>/s.

**MOBILE RIVER BASIN  
2001 Water Year**

**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 sea level (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 the Oostanaula River at Resaca was used as auxiliary gage, due to bridge construction.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 19.04 feet, July 26; minimum gage-height recorded, 3.81 feet, October 30.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--May 14, 2001 to September 30, 2001.

**GAGE.**-- Tipping-bucket raingage.

**REMARKS.**-- Records good.

STATION NUMBER 02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343351 LONGITUDE 0844959 DRAINAGE AREA 831.00 DATUM 616.16 STATE 13 COUNTY 129

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	406	307	341	336	1020	2090	1790	702	1680	1180	1350	768
2	359	313	331	389	971	2010	1720	735	3120	946	1330	718
3	386	323	320	370	935	2010	2350	689	1300	997	1050	663
4	441	337	339	350	871	2410	3030	699	1850	1330	756	737
5	511	316	426	359	837	2290	2400	682	3300	1740	714	710
6	520	290	433	354	864	2120	2140	650	2900	1340	643	706
7	516	366	1020	336	857	2010	2010	600	2460	1090	638	709
8	487	393	1080	344	848	1980	1860	636	1900	950	692	704
9	452	1260	1050	425	847	1870	1740	894	1620	932	727	e640
10	472	1560	950	452	964	1640	1730	891	1490	875	691	494
11	491	705	752	386	913	1560	1590	815	1430	660	674	365
12	500	566	344	419	965	1690	1310	835	1390	666	674	377
13	474	489	326	449	1460	3310	1300	685	1250	600	716	393
14	386	485	361	416	1540	2160	1170	625	566	497	753	399
15	346	488	396	387	1570	3410	1160	635	477	490	711	397
16	294	507	444	399	1660	4130	1240	656	487	445	711	359
17	302	572	1530	392	2870	2550	1180	642	452	472	723	322
18	319	592	689	1070	1800	2020	1140	653	600	487	717	340
19	333	538	551	3780	1460	1850	1080	662	875	453	662	382
20	356	531	495	5550	1370	3870	1040	627	864	423	601	388
21	362	535	454	3150	1320	5200	1030	580	865	475	626	405
22	336	520	432	1750	1600	3760	969	615	894	445	633	403
23	295	507	404	1110	1700	3050	938	647	907	459	654	383
24	304	511	368	946	1470	2620	1030	663	834	480	677	364
25	311	665	340	846	2160	2480	1010	773	879	4450	681	384
26	328	641	339	777	3130	2430	984	746	877	e4700	636	383
27	352	607	425	646	2490	2230	885	634	880	e1040	596	370
28	348	563	385	567	2190	1760	759	782	926	916	644	370
29	316	529	392	490	---	1820	683	1010	1150	805	673	391
30	277	407	391	894	---	2120	692	1050	1420	1140	671	442
31	281	---	361	965	---	1970	---	926	---	1410	708	---
TOTAL	11861	16423	16469	29104	40682	76420	41960	22439	39643	32893	22732	14466
MEAN	383	547	531	939	1453	2465	1399	724	1321	1061	733	482
MAX	520	1560	1530	5550	3130	5200	3030	1050	3300	4700	1350	768
MIN	277	290	320	336	837	1560	683	580	452	423	596	322
CFSM	.46	.66	.64	1.13	1.75	2.97	1.68	.87	1.59	1.28	.88	.58
IN.	.53	.74	.74	1.30	1.82	3.42	1.88	1.00	1.77	1.47	1.02	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

MEAN	797	1058	1399	2014	2290	2814	2429	1575	1171	980	811	667
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1975 - 2001

ANNUAL TOTAL		302275		365092								
ANNUAL MEAN		826		1000						1496		
HIGHEST ANNUAL MEAN										2741		1990
LOWEST ANNUAL MEAN										562		1988
HIGHEST DAILY MEAN			9550	Apr 4		5550	Jan 20			17900	Apr 14	1979
LOWEST DAILY MEAN			277	Oct 30		277	Oct 30			188	Sep 11	1976
ANNUAL SEVEN-DAY MINIMUM			308	Oct 29		308	Oct 29			242	Nov 13	1974
MAXIMUM PEAK FLOW						6690	Jul 26			24900	Mar 4	1979
MAXIMUM PEAK STAGE						19.04	Jul 26			30.07	Mar 4	1979
ANNUAL RUNOFF (CFSM)		.99				1.20				1.80		
ANNUAL RUNOFF (INCHES)		13.53				16.34				24.46		
10 PERCENT EXCEEDS			1440			2050				3230		
50 PERCENT EXCEEDS			592			692				1040		
90 PERCENT EXCEEDS			361			355				393		

STATISTICS COMPUTED BY: gabailey

DATE: 03/18/2002 AT: 08:59:19

e Estimated

STATION NUMBER 02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343351 LONGITUDE 0844959 DRAINAGE AREA 831.00 DATUM 616.16 STATE 13 COUNTY 129

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	4.25	3.97	4.07	4.05	5.94	8.68	7.93	5.07	7.63	6.36	6.78	5.25
2	4.12	3.99	4.04	4.20	5.80	8.46	7.74	5.17	11.17	5.73	6.75	5.12
3	4.19	4.01	4.01	4.15	5.70	8.46	9.31	5.04	7.29	5.87	6.06	4.97
4	4.35	4.05	4.06	4.09	5.53	9.44	10.92	5.07	8.01	6.76	5.22	5.17
5	4.55	3.99	4.31	4.12	5.44	9.15	9.44	5.02	11.55	7.85	5.11	5.10
6	4.57	3.92	4.33	4.10	5.51	8.76	8.80	4.93	10.62	6.78	4.91	5.09
7	4.56	4.14	5.94	4.05	5.49	8.48	8.48	4.80	9.59	6.11	4.90	5.10
8	4.48	4.22	6.10	4.07	5.47	8.40	8.09	4.89	8.25	5.74	5.05	5.08
9	4.38	6.52	6.02	4.31	5.47	8.12	7.79	5.59	7.48	5.70	5.14	---
10	4.44	7.64	5.74	4.38	5.78	7.54	7.77	5.59	7.15	5.56	5.05	4.50
11	4.49	5.16	5.21	4.19	5.64	7.33	7.40	5.39	7.00	4.96	5.00	4.13
12	4.52	4.70	4.07	4.29	5.78	7.68	6.68	5.44	6.91	4.98	5.00	4.17
13	4.44	4.49	4.02	4.37	7.08	11.55	6.67	5.03	6.55	4.80	5.11	4.22
14	4.19	4.47	4.12	4.28	7.28	8.87	6.32	4.86	4.74	4.51	5.21	4.23
15	4.08	4.48	4.22	4.20	7.35	11.76	6.30	4.89	4.45	4.49	5.10	4.23
16	3.93	4.54	4.36	4.23	7.58	13.49	6.49	4.95	4.48	4.36	5.10	4.12
17	3.95	4.72	7.26	4.21	10.70	9.92	6.35	4.91	4.38	4.44	5.13	4.01
18	4.00	4.77	5.04	6.02	8.42	8.49	6.24	4.94	4.79	4.48	5.11	4.06
19	4.04	4.62	4.66	12.59	7.40	8.06	6.08	4.97	5.54	4.38	4.97	4.18
20	4.11	4.60	4.50	16.75	6.85	12.94	5.98	4.87	5.51	4.30	4.80	4.20
21	4.13	4.61	4.39	12.60	6.72	16.19	5.96	4.74	5.52	4.45	4.87	4.25
22	4.05	4.57	4.33	8.65	7.44	13.67	5.79	4.84	5.59	4.36	4.89	4.24
23	3.93	4.54	4.25	6.16	7.69	11.50	5.71	4.92	5.63	4.40	4.94	4.19
24	3.96	4.55	4.14	5.73	7.10	9.96	5.95	4.97	5.43	4.46	5.01	4.13
25	3.98	4.97	4.06	5.46	8.78	9.63	5.91	5.27	5.57	13.99	5.02	4.19
26	4.03	4.91	4.06	5.28	11.19	9.51	5.83	5.19	5.55	---	4.89	4.19
27	4.10	4.81	4.31	4.92	9.70	9.03	5.57	4.89	5.56	---	4.78	4.15
28	4.09	4.69	4.19	4.70	8.92	7.85	5.23	5.29	5.68	5.65	4.92	4.15
29	3.99	4.60	4.21	4.49	---	7.99	5.02	5.92	6.26	5.35	5.00	4.21
30	3.88	4.25	4.21	5.59	---	8.75	5.05	5.99	7.04	6.24	4.99	4.35
31	3.89	---	4.12	5.78	---	8.37	---	5.77	---	6.96	5.09	---
MEAN	4.18	4.65	4.59	5.68	7.06	9.61	6.89	5.14	6.70	---	5.16	---



STATION NUMBER 02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343351 LONGITUDE 0844959 DRAINAGE AREA 831.00 DATUM 616.16 STATE 13 COUNTY 129

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	---	---	---	---	---	---	---	---	1.25	.00	.43	.27
2	---	---	---	---	---	---	---	---	.00	.00	.06	.96
3	---	---	---	---	---	---	---	---	.13	.27	.05	.21
4	---	---	---	---	---	---	---	---	.91	.62	.00	.01
5	---	---	---	---	---	---	---	---	.00	.13	.00	.00
6	---	---	---	---	---	---	---	---	.05	.01	.00	.00
7	---	---	---	---	---	---	---	---	.28	.00	.00	.00
8	---	---	---	---	---	---	---	---	.11	.00	.00	.00
9	---	---	---	---	---	---	---	---	.00	.69	.00	.00
10	---	---	---	---	---	---	---	---	.00	.00	.00	.00
11	---	---	---	---	---	---	---	---	.00	.00	.01	.00
12	---	---	---	---	---	---	---	---	.00	.00	1.95	.00
13	---	---	---	---	---	---	---	---	.00	.00	.31	.01
14	---	---	---	---	---	---	---	---	.00	.00	.00	.00
15	---	---	---	---	---	---	---	.00	.17	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.04	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	.10	.00	.03	.00	.45
20	---	---	---	---	---	---	---	.00	.00	.05	.00	.01
21	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
22	---	---	---	---	---	---	---	.37	.78	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
24	---	---	---	---	---	---	---	1.13	.00	.27	.00	.43
25	---	---	---	---	---	---	---	.13	.02	3.65	.00	.01
26	---	---	---	---	---	---	---	.00	.00	.06	.00	.00
27	---	---	---	---	---	---	---	.42	1.17	.01	.00	.00
28	---	---	---	---	---	---	---	1.00	.67	.01	.00	.00
29	---	---	---	---	---	---	---	.00	.91	.29	.00	.00
30	---	---	---	---	---	---	---	.00	.34	.00	.18	.00
31	---	---	---	---	---	---	---	.33	---	.00	.27	---
TOTAL	---	---	---	---	---	---	---	---	6.79	6.09	3.30	2.36

**MOBILE RIVER BASIN  
2001 Water Year**

**02383520 COOSAWATTEE RIVER AT PINE CHAPEL, GA**

**LOCATION.**--Lat 34<sup>0</sup>34'35", Long 84<sup>0</sup>51'37", 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, GA.

**DRAINAGE AREA.**—847 mi<sup>2</sup>.

**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 (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Station is auxiliary gage for 02383520 Coosawattee River near Pine Chapel.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 15.77 feet, July 26; minimum gage-height recorded, 1.06 feet, September 17-18.

STATION NUMBER 02383520 COOSAWATTEE RIVER AT PINE CHAPEL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343435 LONGITUDE 0845137 DRAINAGE AREA 847.00 DATUM 616.16 STATE 13 COUNTY 129

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	1.38	1.10	1.21	1.20	3.17	5.83	5.08	2.27	4.12	3.74	3.90	2.38
2	1.23	1.10	1.18	1.36	3.02	5.59	4.89	2.35	8.03	3.05	3.85	2.31
3	1.29	1.12	1.16	1.31	2.92	5.58	6.63	2.27	5.42	2.92	3.47	2.14
4	1.46	1.16	1.21	1.24	2.76	6.55	8.08	2.26	4.19	3.97	2.40	2.28
5	1.68	1.12	1.48	1.27	2.65	6.34	6.60	2.24	8.49	4.89	2.27	2.27
6	1.71	1.08	1.50	1.25	2.72	5.92	5.94	2.15	7.88	4.18	2.09	2.22
7	1.70	1.25	3.02	1.21	2.71	5.61	5.61	2.02	6.90	3.44	2.05	2.23
8	1.62	1.33	3.27	1.23	2.68	5.52	5.23	2.01	5.68	3.03	2.15	2.24
9	1.51	3.77	3.21	1.47	2.68	5.25	4.93	2.70	4.77	2.88	2.29	2.10
10	1.57	5.63	2.95	1.58	3.02	4.69	4.90	2.79	4.37	2.97	2.23	1.78
11	1.63	2.78	2.46	1.37	2.88	4.48	4.56	2.69	4.18	2.21	2.16	1.24
12	1.66	1.89	1.28	1.45	2.94	4.99	3.85	2.63	4.10	2.22	2.13	1.27
13	1.60	1.64	1.18	1.57	4.22	8.86	3.86	2.28	3.92	2.10	2.31	1.31
14	1.32	1.62	1.28	1.46	4.47	6.26	3.54	2.10	2.30	1.73	2.42	1.33
15	1.20	1.64	1.39	1.36	4.53	9.09	3.54	2.08	1.61	1.67	2.28	1.33
16	1.10	1.70	1.49	1.40	4.75	10.93	3.71	2.14	1.66	1.54	2.24	1.22
17	1.10	1.89	4.44	1.37	8.19	7.46	3.55	2.12	1.59	1.60	2.27	1.11
18	1.12	1.97	2.34	3.14	6.48	5.69	3.47	2.14	1.70	1.66	2.28	1.15
19	1.14	1.81	1.87	9.86	5.34	5.23	3.31	2.17	2.78	1.57	2.15	1.28
20	1.20	1.78	1.70	14.25	4.11	10.46	3.22	2.10	2.72	1.48	1.97	1.31
21	1.23	1.80	1.57	11.01	3.92	13.87	3.19	1.97	2.75	1.57	1.98	1.35
22	1.16	1.75	1.50	6.90	4.65	11.83	3.04	2.02	2.79	1.54	2.03	1.35
23	1.10	1.71	1.42	3.46	4.98	9.34	2.90	2.12	2.88	1.58	2.07	1.30
24	1.10	1.73	1.30	2.97	4.35	7.14	3.15	2.17	2.70	1.63	2.13	1.24
25	1.10	2.23	1.22	2.69	5.90	6.74	3.13	2.41	2.77	9.15	2.17	1.29
26	1.13	2.14	1.20	2.51	8.62	6.61	3.06	2.49	2.75	14.69	2.06	1.30
27	1.20	1.99	1.48	2.15	7.16	6.14	2.89	2.16	2.75	5.89	1.91	1.25
28	1.19	1.90	1.35	1.92	6.11	5.00	2.48	2.38	2.88	2.92	2.04	1.25
29	1.12	1.80	1.37	1.67	---	5.16	2.25	3.19	3.30	2.50	2.12	1.30
30	1.09	1.42	1.37	2.82	---	5.91	2.24	2.99	4.38	3.02	2.14	1.46
31	1.09	---	1.29	3.03	---	5.53	---	3.14	---	4.10	2.19	---
MEAN	1.31	1.86	1.76	2.95	4.35	6.89	4.09	2.34	3.88	3.27	2.31	1.59
MAX	1.71	5.63	4.44	14.25	8.62	13.87	8.08	3.19	8.49	14.69	3.90	2.38
MIN	1.09	1.08	1.16	1.20	2.65	4.48	2.24	1.97	1.59	1.48	1.91	1.11

**MOBILE RIVER BASIN  
2001 Water Year**

**02383594 CONASAUGA RIVER NEAR BETTY MOUNTAIN, GA**

**PERIODIC WATER-QUALITY RECORDS**

**LOCATION.**—Lat 34°51'59", long 84°35'53", Fannin County, Hydrologic Unit 03150101, Chattahoochee National Forest, Cohutta Wilderness Area, 0.1 miles upstream from Potatopatch Creek, and 0.2 miles downstream from unnamed creek.

**DRAINAGE AREA.**—Undetermined.

**PERIOD OF RECORD.**—2000 to current year.

**REMARKS.**—Elevation of site is 2,310 feet, from topographic map.

**MOBILE RIVER BASIN  
2001 Water Year**

**02383594 CONASAUGA RIVER NEAR BETTY MOUNTAIN, GA -continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	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, (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 TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JUN 13...	1015	80020	10	709	8.8	94	6.4	10	21.5	15.1	3	.7	.266

DATE	TIME	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)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS STO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C 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, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
JUN 13...	.28	.2	.8	34	.7	<.2	5.2	1.3	15	<.040	E.06	.09	.048	

DATE	TIME	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)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ANTI- MONY, TOTAL (UG/L AS SB) (01097)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	BORON, TOTAL RECOV- ERABLE (UG/L AS B) (01022)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
JUN 13...	<.006	.14	E.005	<.018	.009	1.5	93	<.9	5.9	<.06	E3	<.04	<1.0	

DATE	TIME	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LITHIUM TOTAL RECOV- ERABLE (UG/L AS LI) (01132)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	THAL- LIUM, TOTAL RECOV- ERABLE (UG/L AS TL) (01059)
JUN 13...	<1	<.6	60	<1.0	<.3	6.6	6	<.2	<1.0	<.4	<.05	5.41	<.9	

DATE	TIME	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	URANIUM NATURAL TOTAL (UG/L AS U) (28011)	SAMPLER TYPE (CODE) (84164)
JUN 13...	1.4	<.007	3044	

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

**MOBILE RIVER BASIN  
2001 Water Year**

**02383608 HICKORY CREEK NEAR CHICKEN COOP GAP, GA**

**PERIODIC WATER-QUALITY RECORDS**

**LOCATION.**—Lat 34°56'10", long 84°38'54", Murray County, Hydrologic Unit 03150101, Chattahoochee National Forest, Cohutta Wilderness Area, 0.1 miles above the mouth.

**DRAINAGE AREA.**—Undetermined.

**PERIOD OF RECORD.**—2000 to current year.

**REMARKS.**—Elevation 1,230 feet above sea level, from topographic map.

**MOBILE RIVER BASIN  
2001 Water Year**

**02383608 HICKORY CREEK NEAR CHICKEN COOP GAP, GA -continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA - LYZING SAMPLE (CODE NUMBER (00028)	SAM- PLING METHOD, CODES (82398)	BARO- METRIC PRES- SURE (MM OF HG (00025)	OXYGEN, DIS- SOLVED (PER- CENT (MG/L) SATUR- ATION (00300)	OXYGEN, DIS- SOLVED (PER- CENT (MG/L) 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 TOTAL (MG/L CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JUN 13...	1140	80020	30	730	8.6	95	6.5	16	26.5	18.5	5	1.0	.613
DATE	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)	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)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
JUN 13...	.19	.2	1.1	31	.8	<.2	7.3	3.8	19	<.040	<.10	.11	E.037
DATE	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS - PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ANTI- MONY, TOTAL RECOV- ERABLE (UG/L AS SB) (01097)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE) (01012)	BORON, TOTAL RECOV- ERABLE (UG/L AS B) (01022)	CADMIUM WATER UNFLTRD TOTAL ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)
JUN 13...	<.006	E.004	<.018	E.002	1.3	25	<.9	6.1	<.06	E4	<.04	<1.0	<1
DATE	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LITHIUM TOTAL RECOV- ERABLE (UG/L AS LI) (01132)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	STRON- TIUM, TOTAL RECOV- ERABLE (UG/L AS SR) (01082)	THAL- LIUM, TOTAL ERABLE (UG/L AS TL) (01059)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JUN 13...	<.6	40	<1.0	.6	4.6	4	<.2	<1.0	<.4	<.05	8.93	<.9	2.3
DATE	URANIUM NATURAL TOTAL (UG/L AS U) (28011)	SAMPLER TYPE (CODE) (84164)											
JUN 13...	<.007	3070											

Remark codes used in this report:  
< -- Less than  
E -- Estimated value

**MOBILE RIVER BASIN  
2001 Water Year**

**02383745 JACKS RIVER NEAR BEE KNOB, GA**

**PERIODIC WATER-QUALITY RECORDS**

**LOCATION.**—Lat 34°55'03", long 84°32'13", Fannin County, Hydrologic Unit 03150101, Chattahoochee National Forest, Cohutta Wilderness Area, located 200 feet upstream from Bear Branch.

**DRAINAGE AREA.**—Undetermined.

**PERIOD OF RECORD.**—2000 to current year.

**REMARKS.**—Elevation 2,360 feet above sea level, from topographic map.



**MOBILE RIVER BASIN  
2001 Water Year**

**02383745 JACKS RIVER NEAR BEE KNOB, GA -continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	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 (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)	HARD-NESS TOTAL AS CACO3 (MG/L) (00900)	
JUN 12...	1015	80020	35	10	706	9.0	97	6.6	11	19.5	15.2	0	3	
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 (MG/L AS NA) (00930)	SODIUM, DIS-SOLVED (MG/L AS NA) (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)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	
JUN 12...	.7	.321	.36	.2	.8	35	3	3	.6	<.2	6.1	.9	1.82	
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, 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, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	ALUM-INUM, TOTAL RECOV-ERABLE (UG/L AS AL) (01105)	ANTI-MONY, TOTAL RECOV-ERABLE (UG/L AS SB) (01097)
JUN 12...	19	12	E.021	<.10	.09	E.025	<.006	E.006	<.018	.009	1.4	154	<.9	
DATE		BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA) (01007)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	BORON, TOTAL RECOV-ERABLE (UG/L AS B) (01022)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	LITHIUM TOTAL RECOV-ERABLE (UG/L AS LI) (01132)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	MOLYB-DENUM, TOTAL RECOV-ERABLE (UG/L AS MO) (01062)
JUN 12...	5.2	<.06	<7	<.04	<1.0	<1	E.3	230	<1.0	<.3	17.8	16	<.2	
DATE		NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, TOTAL RECOV-ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG) (01077)	STRON-TIUM, TOTAL RECOV-ERABLE (UG/L AS SR) (01082)	THAL-LIUM, TOTAL RECOV-ERABLE (UG/L AS TL) (01059)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	URANIUM NATURAL TOTAL SAMPLER TYPE (UG/L AS U) (84164)						
JUN 12...	<1.0	<.4	<.05	5.49	<.9	1.7	.012	3044						

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

**MOBILE RIVER BASIN  
2001 Water Year**

**02383770 ROUGH CREEK NEAR HICKORY RIDGE, GA**

**PERIODIC WATER-QUALITY RECORDS**

**LOCATION.**—Lat 34°57'45", long 84°33'22", Fannin County, Hydrologic Unit 03150101, located in Chattahoochee National Forest, Cohutta Wilderness Area, located 0.5 miles above mouth.

**DRAINAGE AREA.**—Undetermined.

**PERIOD OF RECORD.**—2000 to current year.

**REMARKS.**—Elevation 1,640 feet above sea level, from topographic map.

# MOBILE RIVER BASIN 2001 Water Year

## 02383770 ROUGH CREEK NEAR HICKORY RIDGE, GA -continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	BARO-METRIC PRES-SURE (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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 CAC03 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CAC03) (00900)	
JUN 11...	1245	80020	10	10	725	8.8	93	6.1	12	22.0	15.4	2	3	
DATE	TIME	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 (MG/L AS NA) (00931)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CAC03) (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)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)
JUN 11...	.7	.352	.14	.2	.7	31	2	2	.6	<.2	4.3	2.1	.38	
DATE	TIME	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, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-ORTH, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, TOTAL RECOV-ERABLE (MG/L AS AL) (01105)	ANTI-MONY, TOTAL (MG/L AS SB) (01097)	BARIUM, TOTAL RECOV-ERABLE (MG/L AS BA) (01007)	
JUN 11...	14	10	<.040	<.10	<.08	E.046	<.006	<.006	<.018	E.002	13	<.9	4.1	
DATE	TIME	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	BORON, TOTAL RECOV-ERABLE (UG/L AS B) (01022)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	LITHIUM TOTAL RECOV-ERABLE (UG/L AS LI) (01132)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	MOLYB-DENUM, TOTAL RECOV-ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)
JUN 11...	<.06	E4	<.04	<1.0	<1	<.6	10	<1.0	E.2	E2.2	2	<.2	<1.0	
DATE	TIME	SELE-NIUM, TOTAL RECOV-ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG) (01077)	STRON-TIUM, TOTAL RECOV-ERABLE (UG/L AS SR) (01082)	THAL-LIUM, TOTAL RECOV-ERABLE (UG/L AS TL) (01059)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	URANIUM NATURAL TOTAL (UG/L AS U) (28011)	SAMPLER TYPE (CODE) (84164)						
JUN 11...	<.4	<.05	5.81	<.9	1.9	<.007	3044							

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

**MOBILE RIVER BASIN  
2001 Water Year**

**02383780 BEECH CREEK NEAR BEECH BOTTOM, GA**

**PERIODIC WATER-QUALITY RECORDS**

**LOCATION.**—Lat 34°58'24", long 84°34'16", Fannin County, Hydrologic Unit 03150101, Chattahoochee National Forest, Cohutta Wilderness Area, located 0.1 miles above mouth.

**DRAINAGE AREA.**—Undetermined.

**PERIOD OF RECORD.**—2000 to current year.

**REMARKS.**—Elevation 1,490 feet above sea level, from topographic map.

**MOBILE RIVER BASIN  
2001 Water Year**

**02383780 BEECH CREEK NEAR BEECH BOTTOM, GA -continued**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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 CAC03 (MG/L) (00904)	HARD-NESS TOTAL (MG/L AS CAC03) (00900)	
JUN 11...	1200	80020	2.9	10	728	8.7	93	6.2	16	22.0	16.0	3	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)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CAC03) (39086)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3 AS CL) (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)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)
JUN 11...	.9	.663	.22	.2	1.1	31	2	3	.8	<.2	6.3	3.9	.13	
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, 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)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	ALUM-INUM, TOTAL RECOV-ERABLE (UG/L AS AL) (01105)	ANTI-MONY, TOTAL RECOV-ERABLE (UG/L AS SB) (01097)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA) (01007)
JUN 11...	16	15	<.040	E.09	<.08	E.039	<.006	<.006	<.018	<.004	13	<.9	4.2	
DATE		BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	BORON, TOTAL RECOV-ERABLE (UG/L AS B) (01022)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	LITHIUM TOTAL RECOV-ERABLE (UG/L AS LI) (01132)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	MOLYB-DENUM, TOTAL RECOV-ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)
JUN 11...	<.06	E4	<.04	<1.0	<1	E.3	20	<1.0	.5	E1.7	2	<.2	<1.0	
DATE		SELE-NIUM, TOTAL RECOV-ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG) (01077)	STRON-TIUM, TOTAL RECOV-ERABLE (UG/L AS SR) (01082)	THAL-LIUM, TOTAL RECOV-ERABLE (UG/L AS TL) (01059)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	URANIUM NATURAL TOTAL (UG/L AS U) (28011)	SAMPLER TYPE (CODE) (84164)						
JUN 11...	<.4	<.05	8.18	<.9	1.7	<.007	3044							

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

**MOBILE RIVER BASIN  
2001 Water Year**

**02383790 RICE CAMP BRANCH NEAR KEN MOUNTAIN, GA**

**PERIODIC WATER-QUALITY DATA**

**LOCATION.**—Lat 34°57'59" long 84°35'30", Fannin County, Hydrologic Unit 03150101, Chattahoochee National Forest, Cohutta Wilderness Area, and 0.1 miles above the mouth.

**DRAINAGE AREA.**—Undetermined.

**PERIOD OF RECORD.**—Current Year.

**REMARKS.**—Elevation of site is 1,310 feet, from topographic map.

# MOBILE RIVER BASIN 2001 Water Year

## 02383790 RICE CAMP BRANCH NEAR KEN MOUNTAIN, GA -continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA - LYZING SAMPLE (CODE NUMBER) (00028)	SAM - PLING METHOD, CODES (82398)	BARO - METRIC PRES - SURE (MM OF HG) (00025)	OXYGEN, DIS - SOLVED 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 TOTAL (MG/L AS CAC03) (00900)	CALCIUM DIS - SOLVED AS CA) (00915)	MAGNE - SIUM, DIS - SOLVED AS MG) (00925)
JUN 12...	1100	80020	10	720	8.6	93	6.2	13	21.0	16.7	5	.9	.598
DATE	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)	CHLO - RIDE, DIS - SOLVED (MG/L AS CL) (00940)	FLUO - RIDE, DIS - SOLVED (MG/L AS F) (00950)	SILICA, DIS - SOLVED AS SIO2) (00955)	SULFATE DIS - SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C 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, NO2+NO3 DIS - SOLVED (MG/L AS N) (00631)
JUN 12...	.21	.2	1.0	29	.7	<.2	6.9	3.7	19	<.040	E.08	E.07	.048
DATE	NITRO - GEN, NITRITE DIS - SOLVED (MG/L AS N) (00613)	PHOS - PHORUS DIS - SOLVED (MG/L AS P) (00666)	PHOS - PHORUS ORTH - SOLVED (MG/L AS P) (00671)	PHOS - PHORUS TOTAL (MG/L AS P) (00665)	ALUM - INUM, TOTAL RECOV - ERABLE (UG/L AS AL) (01105)	ANTI - MONY, TOTAL (UG/L AS SB) (01097)	BARIUM, TOTAL RECOV - ERABLE (UG/L AS BA) (01007)	BERYL - LIUM, TOTAL RECOV - ERABLE (UG/L AS BE) (01012)	BORON, TOTAL RECOV - ERABLE (UG/L AS B) (01022)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO - MIUM, TOTAL RECOV - ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV - ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV - ERABLE (UG/L AS CU) (01042)
JUN 12...	<.006	E.004	<.020	.005	29	<.9	5.7	<.06	E4	<.04	<1.0	<1	<.6
DATE	IRON, DIS - SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV - ERABLE (UG/L AS PB) (01051)	LITHIUM TOTAL RECOV - ERABLE (UG/L AS LI) (01132)	MANGA - NESE, DIS - SOLVED (UG/L AS MN) (01056)	MANGA - NESE, TOTAL RECOV - ERABLE (UG/L AS MN) (01055)	MOLYB - DENUM, TOTAL RECOV - ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV - ERABLE (UG/L AS NI) (01067)	SELE - NIUM, TOTAL RECOV - ERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOV - ERABLE (UG/L AS AG) (01077)	STRON - TIUM, TOTAL RECOV - ERABLE (UG/L AS SR) (01082)	THAL - LIUM, TOTAL RECOV - ERABLE (UG/L AS TL) (01059)	ZINC, TOTAL RECOV - ERABLE (UG/L AS ZN) (01092)	URANIUM NATURAL TOTAL (UG/L AS U) (28011)
JUN 12...	50	<1.0	.6	5.6	5	<.2	<1.0	<.4	<.05	8.96	<.9	2.8	<.007

DATE SAMPLER  
TYPE  
(CODE)  
(84164)

JUN  
12... 3044

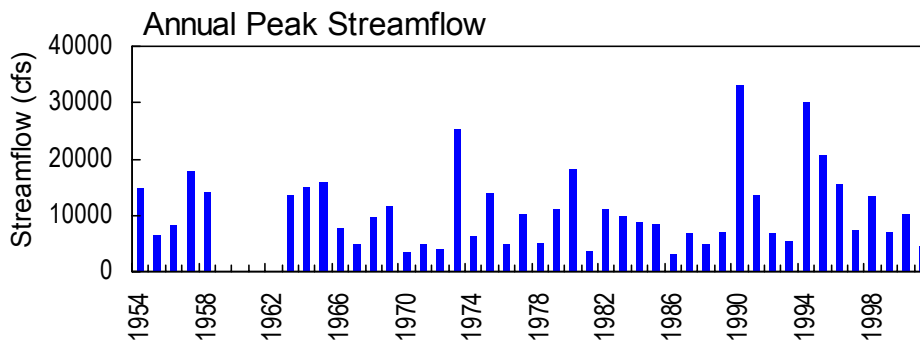
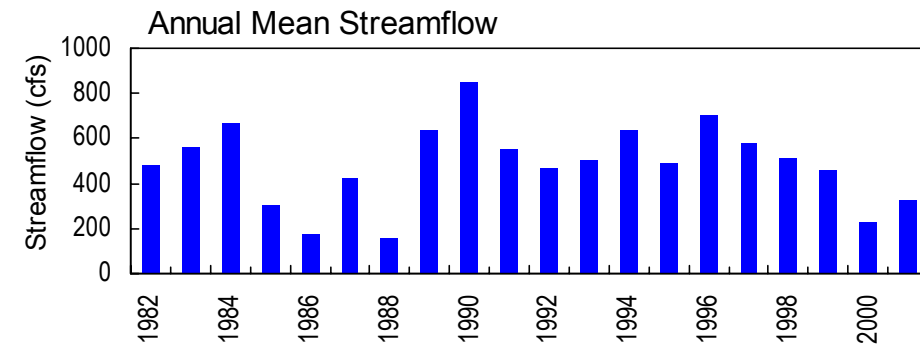
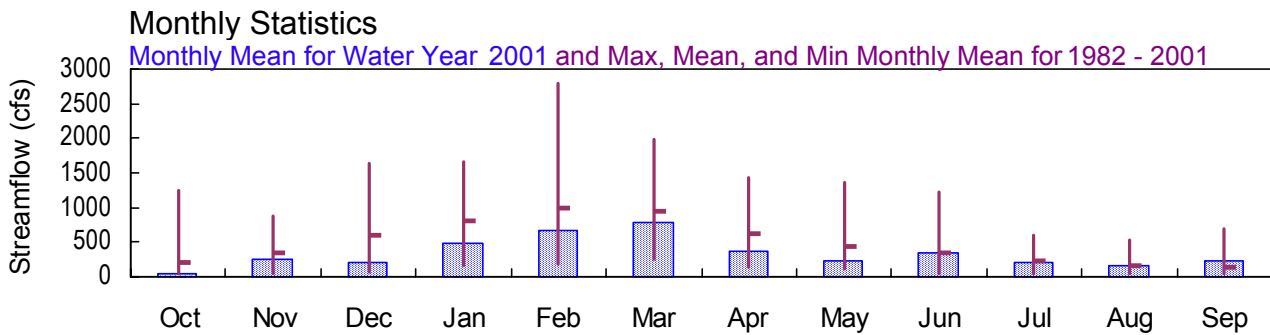
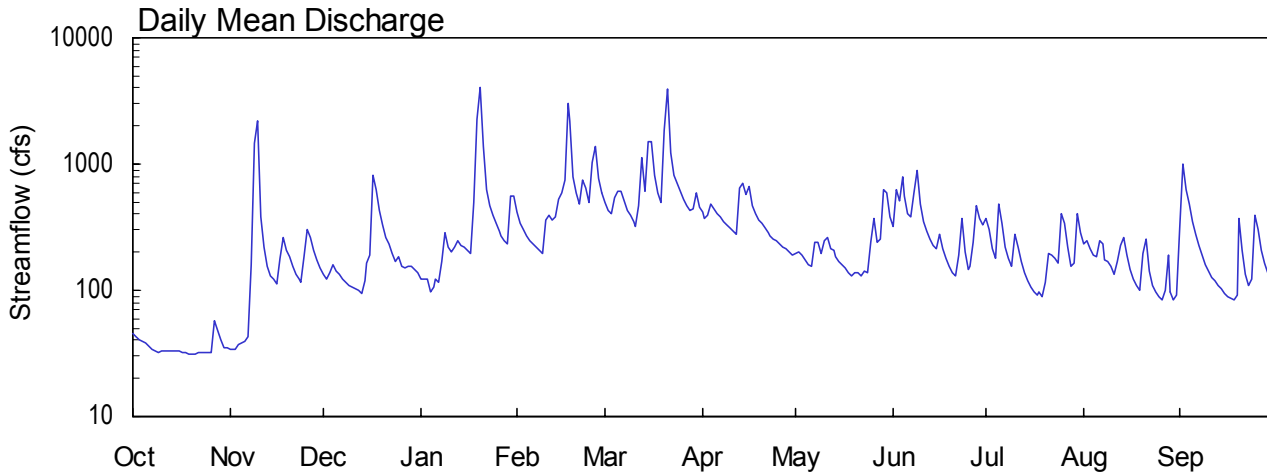
Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 672.6 feet Period of Record: 1982 - 2001





**MOBILE RIVER BASIN  
2001 Water Year**

**02384500 CONASAUGA RIVER NEAR ETON, GA**

**LOCATION.**--Lat 34°49'40", long 84°51'03", Murray-Whitfield County line, Hydrologic Unit 03150101, at downstream side of right bank pier of bridge on GA Highway 286, 3.4 miles upstream from Mill Creek, 5.2 miles west of Eton, and at mile 42.7.

**DRAINAGE AREA.**--252 mi<sup>2</sup>.

**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 sea level. 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. 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<sup>3</sup>/s, and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Jan. 20	1600	4,480	11.76
Mar. 21	1200	4,600*	11.85*

**MOBILE RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 11.85 feet, March 21; minimum gage-height recorded, 2.14 feet, October 19, 21.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 30, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02384500 CONASAUGA RIVER NEAR ETON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344940 LONGITUDE 0845103 DRAINAGE AREA 252.00 DATUM 672.64 STATE 13 COUNTY 213

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	45	34	133	124	412	493	414	196	325	367	234	313
2	43	34	121	121	339	430	374	199	629	305	244	988
3	41	34	136	121	299	406	392	189	505	216	216	620
4	39	37	160	96	269	547	477	173	795	180	191	489
5	38	38	141	107	250	610	439	161	559	478	185	352
6	36	39	132	123	233	616	409	155	409	339	246	280
7	34	43	123	117	218	507	379	238	383	221	231	229
8	33	158	116	168	206	434	351	238	591	179	174	188
9	32	1440	110	286	196	389	330	194	893	157	170	159
10	33	2220	106	222	357	350	313	250	486	277	154	140
11	33	381	102	200	391	321	294	258	355	222	133	127
12	33	217	100	219	361	472	280	216	294	167	170	119
13	33	154	95	248	377	1110	654	209	256	139	227	110
14	33	129	120	226	525	601	700	187	224	119	261	104
15	33	123	163	220	586	1520	571	169	213	105	189	95
16	33	113	190	210	748	1500	662	158	277	97	144	90
17	32	179	819	196	3030	808	473	149	211	92	122	87
18	32	261	623	491	2180	592	407	139	178	96	109	83
19	31	210	424	2280	794	490	363	131	154	89	101	92
20	31	182	331	4010	586	1830	341	136	139	116	196	368
21	31	155	263	1370	486	3900	310	138	130	196	257	210
22	32	134	234	624	745	1210	286	131	189	189	141	134
23	32	122	193	470	647	806	268	141	373	179	109	110
24	32	117	171	393	494	695	255	137	200	162	96	121
25	32	186	184	336	1040	613	249	240	147	410	88	391
26	32	303	156	295	1360	530	234	373	154	344	83	300
27	57	259	152	270	775	466	220	237	237	221	100	208
28	48	208	155	248	596	424	211	252	462	156	191	165
29	40	175	157	231	---	447	201	629	374	165	97	137
30	35	150	147	551	---	586	192	588	333	404	85	119
31	35	---	137	556	---	456	---	382	---	289	92	---
TOTAL	1104	7835	6194	15129	18500	24159	11049	6993	10475	6676	5036	6928
MEAN	35.6	261	200	488	661	779	368	226	349	215	162	231
MAX	57	2220	819	4010	3030	3900	700	629	893	478	261	988
MIN	31	34	95	96	196	321	192	131	130	89	83	83
CFSM	.14	1.04	.79	1.94	2.62	3.09	1.46	.90	1.39	.85	.64	.92
IN.	.16	1.16	.91	2.23	2.73	3.57	1.63	1.03	1.55	.99	.74	1.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2001, BY WATER YEAR (WY)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	215	354	605	810	994	957	623	438	337	222	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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1982 - 2001

ANNUAL TOTAL		90686		120078																
ANNUAL MEAN		248		329						486										
HIGHEST ANNUAL MEAN										848										1990
LOWEST ANNUAL MEAN										158										1988
HIGHEST DAILY MEAN			8440	Apr 4		4010	Jan 20			23000			Mar 28	1994						
LOWEST DAILY MEAN			27	Sep 19		31	Oct 19			24			Jul 11	1988						
ANNUAL SEVEN-DAY MINIMUM			29	Sep 14		32	Oct 17			29			Aug 30	1987						
MAXIMUM PEAK FLOW						4600	Mar 21			30000			Mar 28	1994						
MAXIMUM PEAK STAGE						11.85	Mar 21			20.52			Mar 28	1994						
INSTANTANEOUS LOW FLOW										23			Jul 11	1988						
ANNUAL RUNOFF (CFSM)			.98			1.31				1.93										
ANNUAL RUNOFF (INCHES)			13.39			17.73				26.19										
10 PERCENT EXCEEDS			409			614				977										
50 PERCENT EXCEEDS			131			211				237										
90 PERCENT EXCEEDS			34			47				62										

STATISTICS COMPUTED BY: wbennett

DATE: 02/27/2002 AT: 12:54:19

STATION NUMBER 02384500 CONASAUGA RIVER NEAR ETON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344940 LONGITUDE 0845103 DRAINAGE AREA 252.00 DATUM 672.64 STATE 13 COUNTY 213

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	2.37	2.20	3.14	3.09	4.48	4.80	4.36	3.36	3.97	4.29	3.68	3.86
2	2.34	2.21	3.07	3.06	4.17	4.55	4.19	3.37	5.27	4.01	3.73	6.33
3	2.31	2.20	3.16	3.07	3.99	4.45	4.27	3.32	4.76	3.59	3.59	5.27
4	2.28	2.25	3.30	2.90	3.85	5.00	4.64	3.24	5.84	3.40	3.46	4.78
5	2.26	2.26	3.19	2.97	3.76	5.24	4.47	3.17	4.98	4.67	3.43	4.22
6	2.24	2.29	3.14	3.08	3.68	5.26	4.33	3.14	4.34	4.16	3.74	3.90
7	2.20	2.34	3.08	3.04	3.60	4.86	4.21	3.56	4.23	3.62	3.66	3.66
8	2.19	3.22	3.03	3.33	3.54	4.57	4.09	3.57	5.09	3.40	3.38	3.45
9	2.17	7.11	2.99	3.93	3.48	4.38	4.00	3.35	6.10	3.28	3.35	3.29
10	2.18	8.62	2.96	3.62	4.23	4.22	3.92	3.61	4.77	3.88	3.27	3.19
11	2.17	4.34	2.94	3.51	4.39	4.09	3.84	3.67	4.24	3.62	3.14	3.10
12	2.18	3.59	2.92	3.61	4.27	4.61	3.77	3.46	3.97	3.33	3.34	3.05
13	2.18	3.27	2.89	3.75	4.33	6.68	5.10	3.43	3.79	3.18	3.64	2.99
14	2.19	3.12	3.06	3.64	4.92	5.20	5.48	3.31	3.63	3.05	3.81	2.95
15	2.18	3.08	3.32	3.61	5.15	7.42	5.00	3.22	3.57	2.96	3.45	2.89
16	2.17	3.01	3.45	3.56	5.65	7.55	5.37	3.16	3.89	2.90	3.21	2.85
17	2.17	3.40	5.91	3.49	10.13	5.89	4.62	3.11	3.56	2.86	3.07	2.83
18	2.16	3.81	5.27	4.64	8.66	5.17	4.33	3.05	3.39	2.90	2.98	2.80
19	2.15	3.56	4.53	8.95	5.85	4.79	4.14	3.00	3.27	2.84	2.93	2.86
20	2.15	3.41	4.13	11.33	5.15	7.89	4.05	3.03	3.18	3.03	3.43	4.28
21	2.15	3.27	3.82	7.13	4.77	11.16	3.91	3.05	3.12	3.48	3.78	3.55
22	2.16	3.15	3.68	5.28	5.63	6.91	3.80	3.00	3.41	3.45	3.19	3.15
23	2.15	3.07	3.47	4.71	5.36	5.90	3.72	3.06	4.31	3.40	2.99	3.00
24	2.16	3.04	3.36	4.40	4.80	5.52	3.66	3.04	3.51	3.30	2.90	3.06
25	2.17	3.43	3.43	4.15	6.27	5.21	3.63	3.55	3.23	4.42	2.84	4.38
26	2.16	4.01	3.28	3.97	7.26	4.87	3.55	4.18	3.27	4.19	2.80	3.99
27	2.51	3.80	3.26	3.86	5.79	4.60	3.48	3.57	3.67	3.61	2.92	3.55
28	2.41	3.55	3.27	3.75	5.19	4.40	3.43	3.63	4.64	3.27	3.42	3.33
29	2.30	3.38	3.29	3.67	---	4.50	3.38	5.27	4.31	3.31	2.90	3.16
30	2.22	3.24	3.23	5.00	---	5.10	3.33	5.10	4.14	4.44	2.81	3.06
31	2.22	---	3.17	5.04	---	4.55	---	4.22	---	3.94	2.87	---
MEAN	2.22	3.44	3.44	4.29	5.08	5.46	4.14	3.48	4.11	3.54	3.28	3.56
MAX	2.51	8.62	5.91	11.33	10.13	11.16	5.48	5.27	6.10	4.67	3.81	6.33
MIN	2.15	2.20	2.89	2.90	3.48	4.09	3.33	3.00	3.12	2.84	2.80	2.80

STATION NUMBER 02384500 CONASAUGA RIVER NEAR ETON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344940 LONGITUDE 0845103 DRAINAGE AREA 252.00 DATUM 672.64 STATE 13 COUNTY 213

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

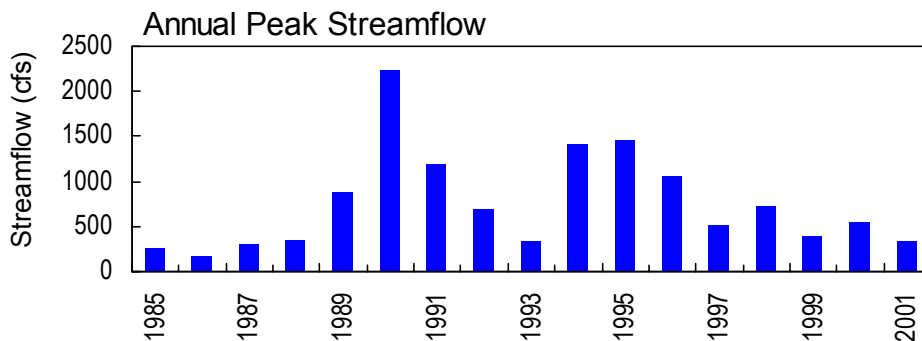
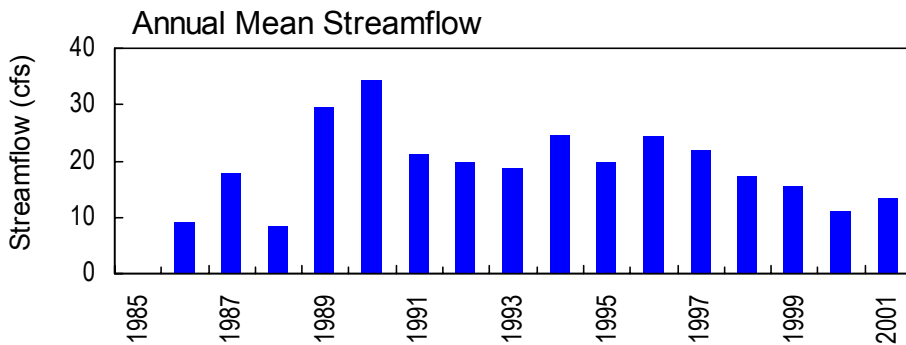
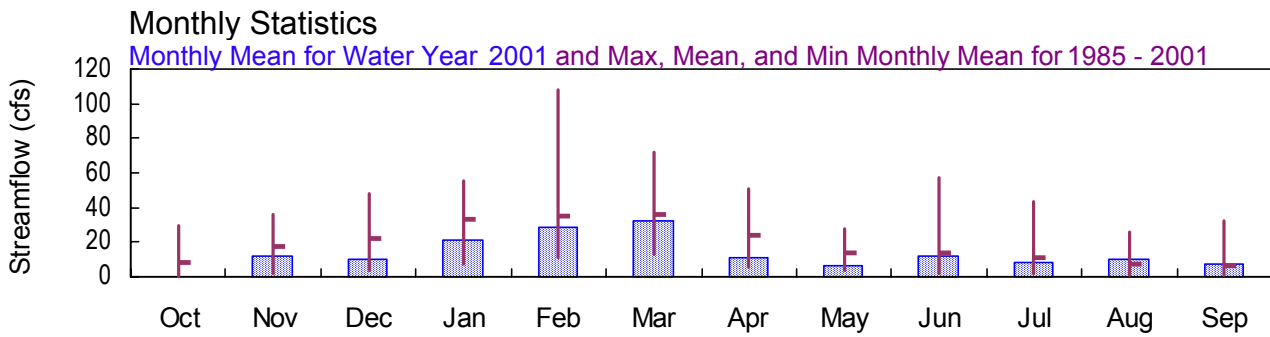
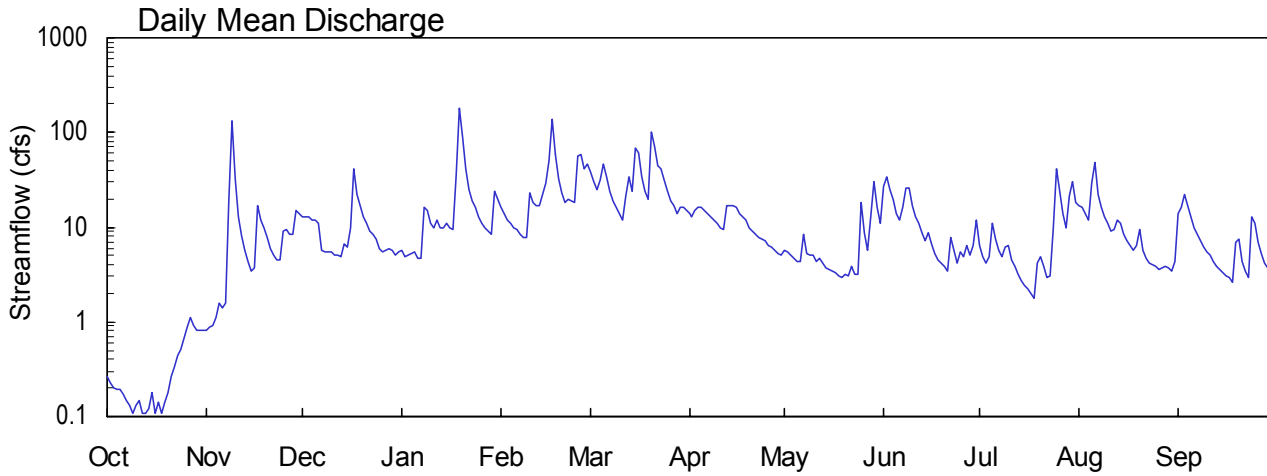
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	1.58	.00	.00	.29
2	---	---	---	---	---	---	---	---	.00	---	.00	.77
3	---	---	---	---	---	---	---	---	.14	---	.04	.14
4	---	---	---	---	---	---	---	---	.02	---	.71	.00
5	---	---	---	---	---	---	---	---	.00	---	.48	.00
6	---	---	---	---	---	---	---	---	.51	---	.00	.00
7	---	---	---	---	---	---	---	---	.90	---	.00	.00
8	---	---	---	---	---	---	---	---	.24	---	.00	.00
9	---	---	---	---	---	---	---	---	.00	---	.00	.00
10	---	---	---	---	---	---	---	---	.02	---	.05	.00
11	---	---	---	---	---	---	---	---	.00	.01	.00	.00
12	---	---	---	---	---	---	---	---	.00	.00	.40	.00
13	---	---	---	---	---	---	---	---	.00	.00	.95	.00
14	---	---	---	---	---	---	---	---	.00	.00	.01	.00
15	---	---	---	---	---	---	---	---	.04	.00	.00	.00
16	---	---	---	---	---	---	---	---	.00	.00	.00	.00
17	---	---	---	---	---	---	---	---	.00	.00	.00	.00
18	---	---	---	---	---	---	---	---	.00	.00	.00	.00
19	---	---	---	---	---	---	---	---	.00	.22	.23	1.13
20	---	---	---	---	---	---	---	---	.00	.00	.00	.01
21	---	---	---	---	---	---	---	---	.00	.00	.00	.00
22	---	---	---	---	---	---	---	---	1.26	.00	.00	.00
23	---	---	---	---	---	---	---	---	.00	.47	.00	.00
24	---	---	---	---	---	---	---	---	.00	.28	.00	.71
25	---	---	---	---	---	---	---	---	.05	2.31	.00	.00
26	---	---	---	---	---	---	---	---	.00	.00	.00	.00
27	---	---	---	---	---	---	---	---	.03	.00	.99	.00
28	---	---	---	---	---	---	---	---	.71	.11	.00	.00
29	---	---	---	---	---	---	---	---	.51	.58	.00	.00
30	---	---	---	---	---	---	---	---	.01	.00	.04	.00
31	---	---	---	---	---	---	---	.07	---	.00	.30	---
TOTAL	---	---	---	---	---	---	---	---	6.02	---	4.20	3.05

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 889 feet Period of Record: 1985 - 2001



**MOBILE RIVER BASIN  
2001 Water Year**

**02384540 MILL CREEK NEAR CRANDALL, GA**

**LOCATION.**--Lat 34°52'19", long 84°43'17", Murray County, Hydrologic Unit 03150101, on right bank 100 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<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Nov. 9	1015	337*	3.58*
Jan. 19	1345	316	3.51

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--January 1985 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 888.98 feet above sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 3.58 feet, November 9; minimum gage-height recorded, 1.01 feet, October 16-17.

STATION NUMBER 02384540 MILL CREEK NEAR CRANDALL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345219 LONGITUDE 0844317 DRAINAGE AREA 8.27 DATUM 888.98 STATE 13 COUNTY 213

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	.26	.83	13	5.6	16	38	14	5.8	27	6.4	17	14
2	.23	.88	13	4.9	14	30	13	5.4	34	4.9	16	16
3	.20	.91	13	e5.1	12	25	15	5.0	25	4.1	14	22
4	.19	1.1	12	e5.3	11	32	16	4.6	20	4.8	12	17
5	.19	1.6	12	5.4	10	47	16	4.4	14	11	29	13
6	.17	1.4	11	4.7	9.4	34	15	4.4	12	7.4	48	10
7	.15	1.6	5.8	4.7	8.5	24	14	8.5	16	5.7	22	8.5
8	.13	19	5.5	16	7.9	19	13	5.3	26	4.9	16	7.2
9	.11	131	5.4	15	7.7	16	12	5.1	26	6.2	13	6.2
10	.13	33	5.4	11	23	14	11	5.0	17	6.5	11	5.5
11	.15	13	5.1	10	18	12	9.8	4.4	13	4.5	9.2	5.1
12	.11	8.2	5.1	12	17	21	9.3	4.6	11	3.8	9.5	4.3
13	.11	5.7	4.8	10	17	34	17	4.2	8.6	3.2	12	3.9
14	.12	4.3	6.7	10	22	24	17	3.7	7.1	2.7	11	3.6
15	.18	3.4	6.2	11	29	69	17	3.6	8.6	2.4	8.4	3.3
16	.11	3.7	9.7	10	50	60	16	3.4	6.6	2.2	7.2	3.1
17	.14	17	42	9.5	140	34	14	3.3	5.3	2.0	6.3	2.9
18	.11	12	22	36	58	24	13	3.0	4.5	1.8	5.7	2.6
19	.14	9.7	17	178	33	20	12	2.9	4.1	4.1	6.4	6.8
20	.18	7.8	13	91	23	102	10	3.2	3.8	4.9	9.3	7.5
21	.26	5.9	11	41	18	71	9.2	3.1	3.5	3.8	5.6	4.3
22	.33	5.0	8.9	25	20	45	8.3	3.8	7.8	2.9	4.6	3.4
23	.43	4.5	e8.5	19	19	41	7.7	3.2	5.7	3.0	4.2	2.9
24	.52	4.5	7.6	16	18	32	7.5	3.2	4.1	9.7	4.0	13
25	.66	9.1	6.0	13	57	24	7.1	18	5.4	41	3.9	11
26	.87	9.4	5.5	11	58	19	6.4	8.6	4.9	24	3.6	6.9
27	1.1	8.4	5.6	10	41	17	6.1	5.7	6.4	14	3.7	5.3
28	.90	8.3	6.0	8.9	46	14	5.6	13	5.0	10	3.8	4.2
29	.83	15	5.7	8.5	---	16	5.3	30	6.4	21	3.7	3.7
30	.83	14	5.1	24	---	16	5.0	16	12	30	3.5	3.3
31	.83	---	5.4	20	---	15	---	11	---	18	4.3	---
TOTAL	10.67	360.22	303.0	651.6	803.5	989	342.3	205.4	350.8	270.9	327.9	220.5
MEAN	.34	12.0	9.77	21.0	28.7	31.9	11.4	6.63	11.7	8.74	10.6	7.35
MAX	1.1	131	42	178	140	102	17	30	34	41	48	22
MIN	.11	.83	4.8	4.7	7.7	12	5.0	2.9	3.5	1.8	3.5	2.6
CFSM	.04	1.45	1.18	2.54	3.47	3.86	1.38	.80	1.41	1.06	1.28	.89
IN.	.05	1.62	1.36	2.93	3.61	4.45	1.54	.92	1.58	1.22	1.47	.99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2001, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	8.40	17.4	22.0	33.5	35.1	36.0	24.1	13.5	14.0	10.9	7.00	6.79					
MAX	30.0	35.9	48.3	55.5	108	71.6	50.8	28.0	57.3	43.6	25.9	32.0					
(WY)	1990	1990	1992	1996	1990	1990	1994	1997	1989	1990	1994	1989					
MIN	.34	1.52	3.95	7.30	11.0	12.5	5.91	3.48	1.49	1.75	.67	.95					
(WY)	2001	1988	1988	1986	2000	1988	1986	1986	1988	1986	2000	1999					

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1985 - 2001

ANNUAL TOTAL	4174.12	4835.79		
ANNUAL MEAN	11.4	13.2	19.2	
HIGHEST ANNUAL MEAN			34.3	1990
LOWEST ANNUAL MEAN			8.37	1988
HIGHEST DAILY MEAN	312	Apr 3	178	Jan 19
LOWEST DAILY MEAN	.07	Sep 18	.11	Oct 9
ANNUAL SEVEN-DAY MINIMUM	.10	Sep 14	.12	Oct 8
MAXIMUM PEAK FLOW			337	Nov 9
MAXIMUM PEAK STAGE			3.58	Nov 9
ANNUAL RUNOFF (CFSM)	1.38		1.60	
ANNUAL RUNOFF (INCHES)	18.78		21.75	
10 PERCENT EXCEEDS	20		28	
50 PERCENT EXCEEDS	5.3		8.4	
90 PERCENT EXCEEDS	.23		1.5	

STATISTICS COMPUTED BY: gabailey

DATE: 04/04/2002 AT: 16:20:51

e Estimated



STATION NUMBER 02384540 MILL CREEK NEAR CRANDALL, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345219 LONGITUDE 0844317 DRAINAGE AREA 8.27 DATUM 888.98 STATE 13 COUNTY 213

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	1.06	1.13	1.58	1.38	1.62	1.94	1.59	1.37	1.78	1.40	1.62	1.53
2	1.05	1.14	1.57	1.36	1.58	1.85	1.57	1.36	1.90	1.34	1.60	1.59
3	1.04	1.14	1.58	---	1.54	1.78	1.61	1.34	1.78	1.30	1.55	1.72
4	1.04	1.16	1.56	---	1.51	1.87	1.63	1.33	1.70	1.33	1.51	1.62
5	1.04	1.20	1.55	1.38	1.49	2.04	1.63	1.32	1.60	1.52	1.72	1.55
6	1.03	1.19	1.53	1.35	1.47	1.90	1.61	1.32	1.55	1.43	2.02	1.49
7	1.03	1.21	1.40	1.35	1.44	1.77	1.59	1.45	1.62	1.37	1.70	1.44
8	1.02	1.65	1.38	1.64	1.42	1.69	1.56	1.36	1.79	1.34	1.59	1.40
9	1.02	2.53	1.38	1.61	1.42	1.64	1.54	1.35	1.80	1.38	1.52	1.37
10	1.03	1.87	1.38	1.54	1.74	1.60	1.52	1.34	1.66	1.40	1.47	1.34
11	1.03	1.58	1.37	1.51	1.66	1.56	1.50	1.32	1.58	1.32	1.43	1.33
12	1.02	1.46	1.37	1.55	1.64	1.68	1.48	1.33	1.52	1.29	1.44	1.31
13	1.02	1.39	1.36	1.52	1.63	1.90	1.64	1.31	1.46	1.26	1.51	1.29
14	1.02	1.33	1.42	1.52	1.73	1.78	1.64	1.29	1.42	1.24	1.47	1.27
15	1.04	1.29	1.41	1.53	1.82	2.22	1.66	1.28	1.46	1.22	1.41	1.26
16	1.02	1.30	1.49	1.51	2.00	2.16	1.63	1.27	1.40	1.20	1.37	1.25
17	1.03	1.66	1.98	1.50	2.73	1.90	1.60	1.27	1.36	1.19	1.34	1.24
18	1.02	1.56	1.74	1.86	2.13	1.77	1.57	1.25	1.32	1.18	1.32	1.22
19	1.03	1.50	1.65	2.90	1.89	1.70	1.54	1.25	1.31	1.28	1.34	1.34
20	1.04	1.45	1.57	2.41	1.76	2.46	1.51	1.26	1.29	1.34	1.43	1.41
21	1.06	1.40	1.53	1.97	1.68	2.25	1.48	1.25	1.28	1.29	1.32	1.31
22	1.08	1.36	1.48	1.78	1.72	2.01	1.45	1.29	1.41	1.25	1.28	1.26
23	1.09	1.34	---	1.67	1.69	1.97	1.44	1.26	1.37	1.25	1.26	1.24
24	1.11	1.34	1.45	1.61	1.67	1.87	1.43	1.26	1.30	1.47	1.25	1.52
25	1.12	1.49	1.40	1.55	2.08	1.77	1.42	1.66	1.35	1.91	1.25	1.49
26	1.14	1.49	1.38	1.51	2.14	1.70	1.40	1.46	1.34	1.74	1.23	1.39
27	1.16	1.47	1.39	1.48	1.97	1.65	1.38	1.37	1.39	1.55	1.24	1.34
28	1.14	1.46	1.40	1.45	2.03	1.61	1.37	1.55	1.34	1.45	1.24	1.30
29	1.13	1.61	1.39	1.44	---	1.64	1.35	1.85	1.39	1.63	1.24	1.28
30	1.13	1.59	1.37	1.76	---	1.64	1.34	1.63	1.54	1.83	1.23	1.26
31	1.13	---	1.38	1.69	---	1.62	---	1.52	---	1.64	1.27	---
MEAN	1.06	1.44	---	---	1.76	1.84	1.52	1.37	1.50	1.40	1.42	1.38
MAX	1.16	2.53	---	---	2.73	2.46	1.66	1.85	1.90	1.91	2.02	1.72
MIN	1.02	1.13	---	---	1.42	1.56	1.34	1.25	1.28	1.18	1.23	1.22

**MOBILE RIVER BASIN  
2001 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", Murray County, Hydrologic Unit 03150101, at culvert on GA Highway 286, 3.0 miles west of Eton.

**DRAINAGE AREA.**—4.28 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, August 22, 1967

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.62 feet, July 5

**DISCHARGE:** 681 ft<sup>3</sup>/s, July 5

**MOBILE RIVER BASIN  
2001 Water Year**

**02384630 CONASAUGA RIVER NEAR DAWNVILLE, GA**

**LOCATION.**--Lat 34°48'03", long 84°50'18", Whitfield-Murray County line, Hydrologic Unit 03150101, 2.6 miles southeast of Dawnville.

**DRAINAGE AREA.**—303 mi<sup>2</sup>.

**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 sea level.

**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.**—

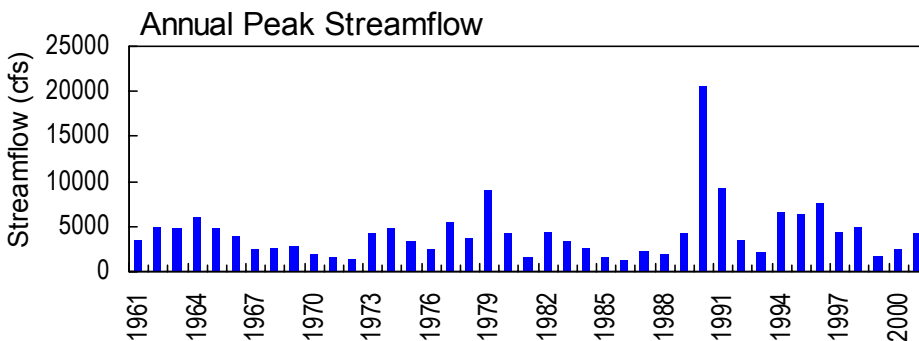
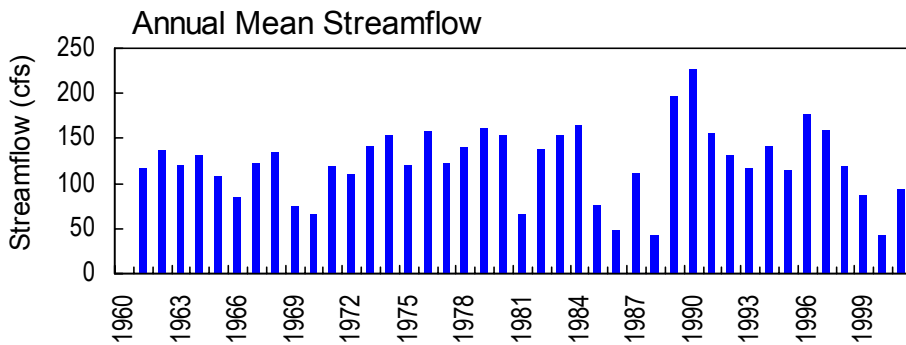
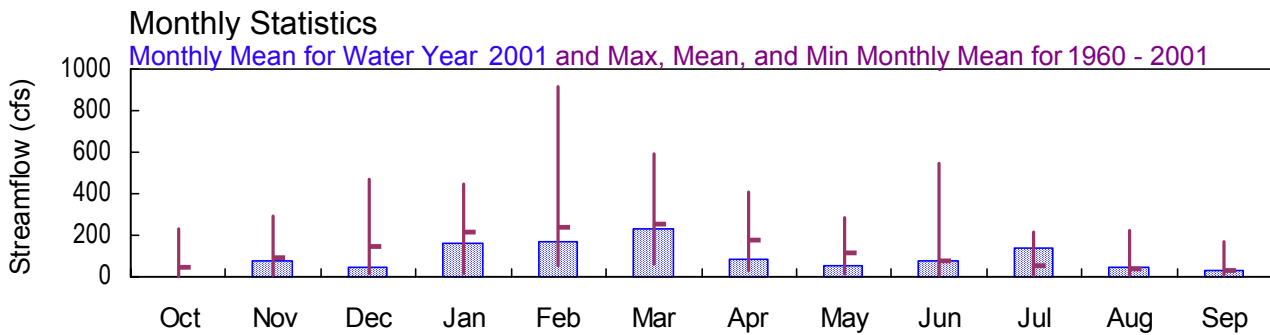
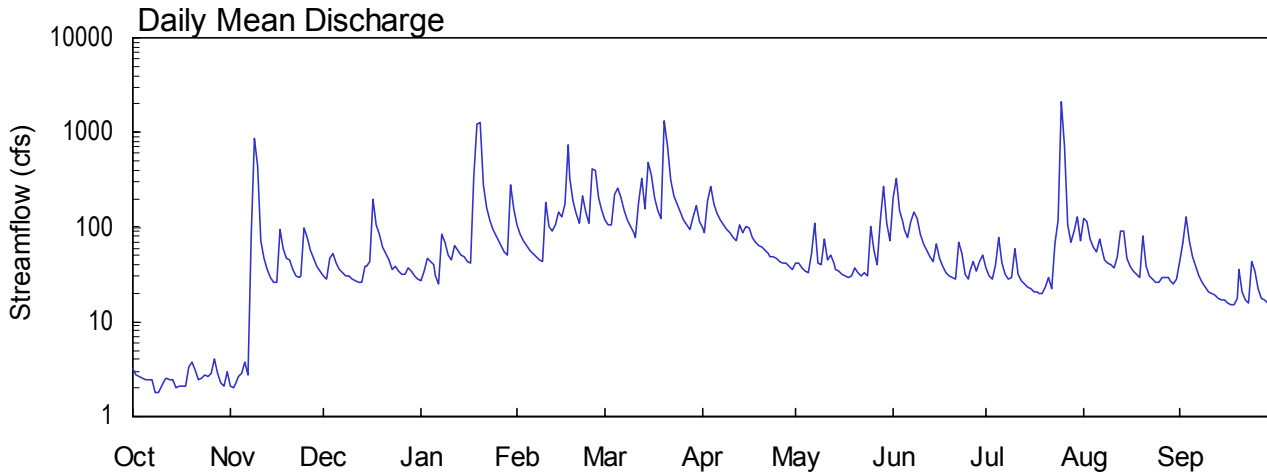
**STAGE:** 18.92 feet, January 21

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 689.3 feet Period of Record: 1960 - 2001



**MOBILE RIVER BASIN  
2001 Water Year**

**02385800 HOLLY CREEK NEAR CHATSWORTH, GA**

**LOCATION.**--Lat 34°43'00", long 84°46'12", Murray County, Hydrologic Unit 03150101, on right bank 100 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<sup>2</sup>.

**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 sea level (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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Nov. 9	2130	1,920	8.89
Jan. 20	0200	2,350	9.16
Mar. 20	1300	2,190	9.06
Jul. 25	1830	4,310*	10.08*

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--June 1960 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 689.25 feet above sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 10.08 feet, July 25; minimum gage-height recorded, 1.00 feet, October 8-9.



STATION NUMBER 02385800 HOLLY CREEK NEAR CHATSWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344300 LONGITUDE 0844612 DRAINAGE AREA 64.00 DATUM 689.25 STATE 13 COUNTY 213

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

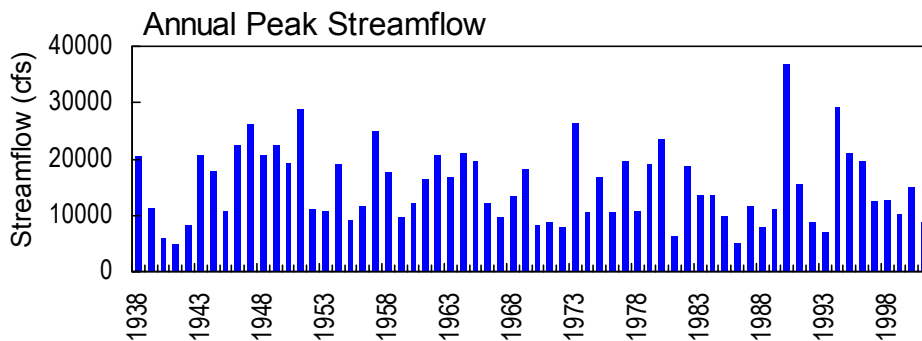
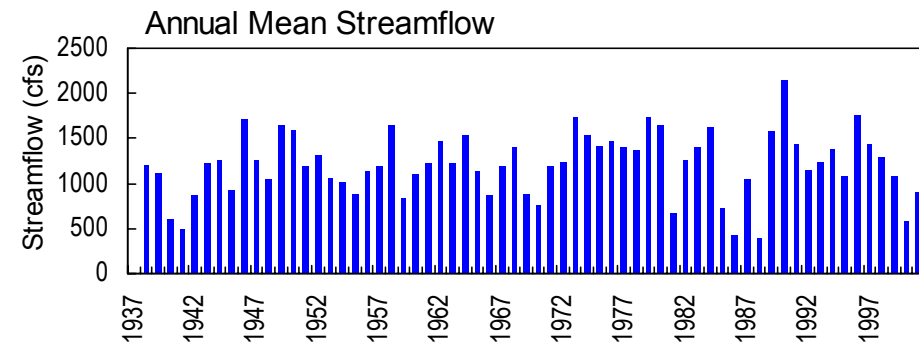
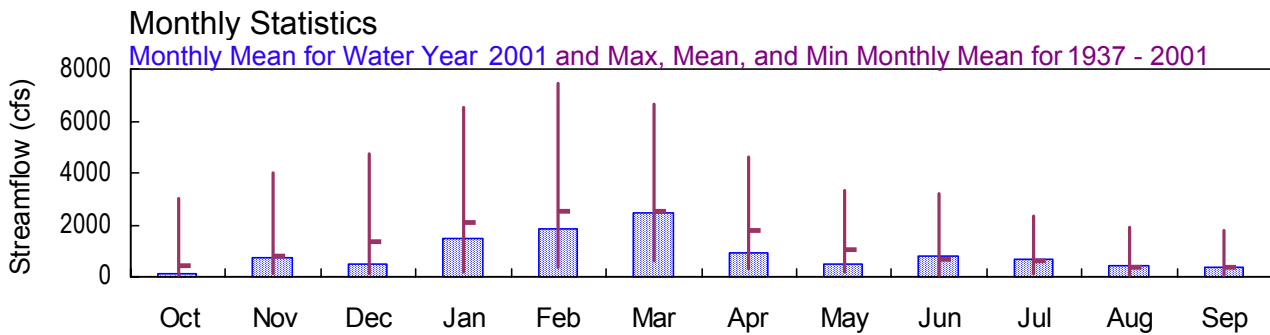
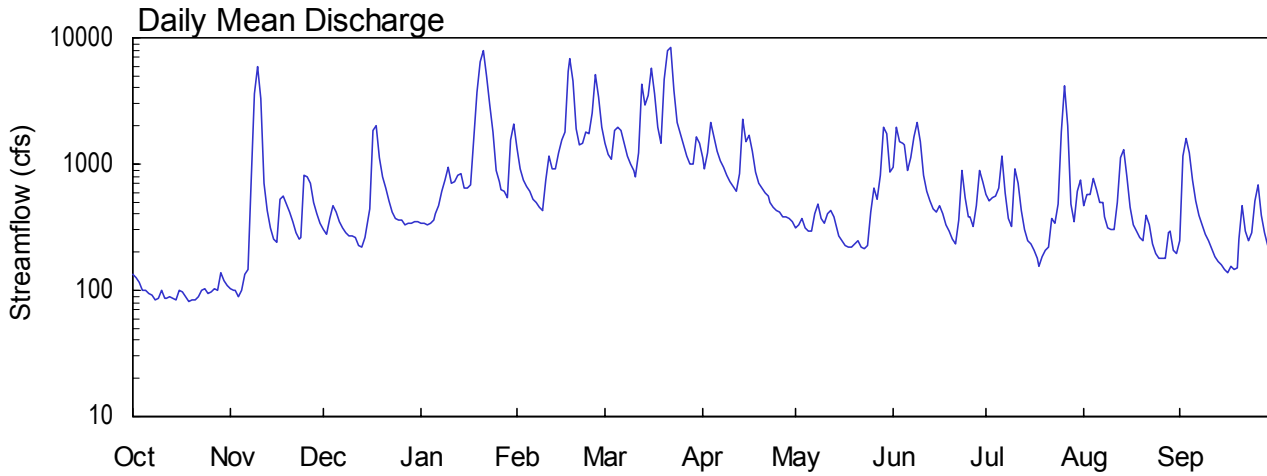
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.13	1.06	1.55	1.48	2.67	2.85	2.48	1.65	3.46	1.66	2.74	1.76
2	1.11	1.05	1.50	---	2.40	2.66	2.33	1.65	4.68	1.53	2.74	2.15
3	1.10	1.06	1.84	---	2.23	2.65	3.39	1.57	3.12	1.47	2.24	2.93
4	1.09	1.09	1.96	---	2.12	3.81	4.22	1.53	2.73	1.64	2.05	2.28
5	1.08	1.12	1.77	---	2.03	4.16	3.33	1.50	2.49	2.30	1.94	1.97
6	1.08	1.17	1.67	---	1.95	3.68	2.95	1.74	2.28	1.74	2.26	1.83
7	1.08	1.11	1.61	1.44	1.88	3.14	2.73	2.54	2.74	1.55	1.93	1.69
8	1.04	2.68	1.57	2.37	1.82	2.83	2.55	1.65	3.07	1.48	1.80	1.60
9	1.04	6.29	1.55	2.20	1.79	2.63	2.42	1.62	2.86	1.49	1.75	1.53
10	1.06	4.85	1.50	1.92	3.43	2.46	2.32	2.16	2.39	2.02	1.70	1.48
11	1.08	2.25	1.47	1.83	2.62	2.33	2.22	1.71	2.14	1.56	1.65	1.46
12	1.09	1.85	1.46	2.11	2.48	3.29	2.14	1.82	1.98	1.45	1.84	1.44
13	1.08	1.66	1.45	2.03	2.65	4.74	2.57	1.67	1.84	1.39	2.40	1.41
14	1.08	1.53	1.71	1.92	3.09	3.21	2.34	1.56	1.76	1.35	2.43	1.38
15	1.05	1.46	1.70	1.89	2.95	5.78	2.49	1.51	2.12	1.33	1.82	1.36
16	1.06	1.45	1.78	1.80	3.37	5.02	2.48	1.48	1.83	1.31	1.69	1.35
17	1.06	2.52	3.58	1.75	7.32	3.69	2.20	1.45	1.68	1.30	1.60	1.33
18	1.06	2.06	2.65	4.44	4.74	3.14	2.10	1.42	1.58	1.29	1.55	1.32
19	1.14	1.85	2.42	7.99	3.51	2.89	2.03	1.45	1.53	1.28	1.50	1.40
20	1.17	1.82	2.09	7.87	3.03	7.89	1.97	1.57	1.50	1.37	2.29	1.80
21	1.13	1.66	1.94	4.39	2.73	6.91	1.91	1.50	1.47	1.48	1.67	1.48
22	1.08	1.57	1.82	3.30	3.71	4.55	1.85	1.46	2.07	1.35	1.52	1.39
23	1.09	1.52	1.66	2.82	3.10	3.70	1.79	1.50	1.91	1.98	1.46	1.34
24	1.10	1.57	1.71	2.56	2.75	3.27	1.76	1.44	1.56	2.70	1.44	1.89
25	1.10	2.60	1.63	2.37	5.08	2.98	1.75	2.49	1.47	7.00	1.42	1.78
26	1.12	2.32	1.58	2.20	5.32	2.74	1.69	1.91	1.61	5.75	1.48	1.51
27	1.19	2.02	1.59	2.12	3.72	2.55	1.67	1.62	1.76	2.67	1.50	1.42
28	1.12	1.84	1.68	1.99	3.17	2.43	1.65	2.61	1.62	2.15	1.48	1.38
29	1.07	1.72	1.63	1.93	---	2.79	1.60	4.21	1.77	2.38	1.44	1.34
30	1.06	1.63	1.57	4.38	---	3.22	1.56	2.60	1.89	2.88	1.40	1.30
31	1.12	---	1.51	3.20	---	2.67	---	2.12	---	2.20	1.47	---
MEAN	1.09	1.95	1.78	---	3.13	3.57	2.28	1.83	2.16	2.03	1.81	1.61
MAX	1.19	6.29	3.58	---	7.32	7.89	4.22	4.21	4.68	7.00	2.74	2.93
MIN	1.04	1.05	1.45	---	1.79	2.33	1.56	1.42	1.47	1.28	1.40	1.30

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 622.3 feet Period of Record: 1937 - 2001



USGS 02387000 Conasauga River at Tilton, GA



**MOBILE RIVER BASIN  
2001 Water Year**

**02387000 CONASAUGA RIVER AT TILTON, GA**

**LOCATION.**--Lat 34°40'00", long 84°55'42", Whitfield-Murray County line, Hydrologic Unit 03150101, on left bank 250 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<sup>2</sup>.

**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 sea level (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 poor. Flow affected by withdrawals and return flow by the City of Dalton.

**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 sea level (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, 16.54 feet, March 22; minimum gage-height recorded, 2.20 feet, October 8-9, 14-15, 19-20.

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687 DATUM 622.28 STATE 13 COUNTY 313

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	134	102	304	e345	1330	1470	1110	311	957	581	462	249
2	128	100	280	e337	929	1200	919	326	1930	518	577	1150
3	115	100	371	e333	756	1090	1220	375	1510	547	571	1580
4	100	90	473	e345	668	1820	2120	311	1460	553	767	1210
5	99	101	414	e358	606	1930	1630	298	1430	651	619	757
6	95	133	351	e403	533	1860	1250	296	882	1150	496	513
7	91	146	315	e470	493	1460	1070	410	1140	588	496	395
8	85	742	289	e604	460	1150	953	489	1630	369	382	326
9	87	3570	271	e755	428	986	824	366	2150	323	314	281
10	99	5880	270	e956	740	880	726	341	1510	921	306	248
11	87	3320	262	e705	1160	788	668	409	823	710	300	211
12	86	697	223	e730	919	1240	602	432	612	424	504	184
13	89	428	217	e805	919	4350	838	378	508	303	1120	171
14	86	312	264	e831	1210	2940	2230	338	437	250	1290	159
15	83	254	314	e655	1560	3490	1520	271	422	234	796	148
16	101	241	446	e655	1790	5800	1710	244	463	207	451	138
17	98	531	1850	e680	5420	3600	1270	226	405	177	331	154
18	90	558	2030	e1600	6810	1960	858	219	331	157	291	145
19	82	486	1140	e3710	4520	1480	714	218	292	185	263	151
20	83	415	e796	e6550	1900	4720	644	235	252	208	249	257
21	84	348	e647	e8000	1430	7870	592	245	230	220	395	462
22	88	288	e510	e4960	e1450	8330	555	220	356	369	335	294
23	100	255	e420	e2900	e1800	3870	502	213	897	342	234	246
24	103	264	372	e1770	1750	2110	454	224	538	478	195	283
25	93	824	365	897	2510	1730	434	423	379	1810	178	507
26	97	786	357	736	5050	1420	414	655	383	4140	178	678
27	104	699	332	634	3390	1160	387	531	323	e2020	179	397
28	99	496	345	602	1930	998	386	806	474	477	284	283
29	139	400	340	548	---	992	373	1940	878	355	293	229
30	119	340	e354	1530	---	1620	348	1750	732	616	209	190
31	108	---	e350	2060	---	1450	---	854	---	749	198	---
TOTAL	3052	22906	15272	46464	52461	75764	27321	14354	24334	20632	13263	11996
MEAN	98.5	764	493	1499	1874	2444	911	463	811	666	428	400
MAX	139	5880	2030	8000	6810	8330	2230	1940	2150	4140	1290	1580
MIN	82	90	217	333	428	788	348	213	230	157	178	138
CFSM	.14	1.11	.72	2.18	2.73	3.56	1.33	.67	1.18	.97	.62	.58
IN.	.17	1.24	.83	2.52	2.84	4.10	1.48	.78	1.32	1.12	.72	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2001, BY WATER YEAR (WY)

	423	801	1335	2113	2501	2547	1766	1056	675	598	394	376
MEAN	423	801	1335	2113	2501	2547	1766	1056	675	598	394	376
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1937 - 2001

ANNUAL TOTAL		242409		327819								
ANNUAL MEAN		662		898						1209		
HIGHEST ANNUAL MEAN										2147		1990
LOWEST ANNUAL MEAN										392		1988
HIGHEST DAILY MEAN		14600	Apr 6	8330	Mar 22					32800	Feb 18	1990
LOWEST DAILY MEAN		32	Sep 17	82	Oct 19					12	Jul 24	1986
ANNUAL SEVEN-DAY MINIMUM		38	Sep 14	88	Oct 9					24	Aug 29	1987
MAXIMUM PEAK FLOW				8660	Mar 22					36800	Feb 17	1990
MAXIMUM PEAK STAGE				16.54	Mar 22					30.20	Mar 30	1951
ANNUAL RUNOFF (CFSM)		.96		1.31						1.76		
ANNUAL RUNOFF (INCHES)		13.13		17.75						23.92		
10 PERCENT EXCEEDS			1210		1910					2790		
50 PERCENT EXCEEDS			308		463					541		
90 PERCENT EXCEEDS			70		136					144		

STATISTICS COMPUTED BY: gabailey

DATE: 03/21/2002 AT: 12:29:24

e Estimated

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687 DATUM 622.28 STATE 13 COUNTY 313

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	2.39	2.28	3.09	---	5.26	5.50	4.82	3.11	4.52	3.77	3.49	2.94
2	2.37	2.27	3.03	---	4.48	5.01	4.47	3.15	6.33	3.62	3.75	4.82
3	2.32	2.27	3.26	---	4.14	4.79	5.02	3.28	5.59	3.67	3.73	5.71
4	2.27	2.23	3.52	---	3.95	6.14	6.66	3.11	5.49	3.69	4.15	5.02
5	2.27	2.27	3.38	---	3.82	6.35	5.80	3.08	5.42	3.91	3.85	4.14
6	2.25	2.38	3.22	---	3.66	6.22	5.10	3.07	4.39	4.90	3.57	3.61
7	2.24	2.42	3.12	---	3.57	5.50	4.77	3.36	4.89	3.77	3.57	3.33
8	2.21	3.89	3.05	---	3.49	4.91	4.53	3.56	5.80	3.26	3.30	3.15
9	2.22	8.72	3.00	---	3.41	4.60	4.28	3.26	6.71	3.14	3.12	3.03
10	2.27	12.40	3.00	---	4.09	4.39	4.08	3.19	5.57	4.45	3.10	2.94
11	2.22	8.48	2.98	---	4.92	4.21	3.95	3.36	4.27	4.04	3.08	2.83
12	2.22	4.01	2.86	---	4.47	5.01	3.81	3.42	3.83	3.40	3.53	2.75
13	2.23	3.41	2.85	---	4.47	10.20	4.29	3.29	3.60	3.09	4.86	2.71
14	2.22	3.11	2.98	---	5.02	8.01	6.85	3.18	3.43	2.94	5.18	2.67
15	2.21	2.95	3.12	---	5.67	8.83	5.59	3.00	3.40	2.90	4.21	2.63
16	2.28	2.92	3.45	---	6.07	12.45	5.95	2.93	3.50	2.82	3.46	2.60
17	2.27	3.64	6.19	---	11.74	9.20	5.14	2.87	3.35	2.73	3.16	2.65
18	2.24	3.71	6.51	---	13.66	6.38	4.35	2.85	3.17	2.66	3.06	2.62
19	2.20	3.55	4.88	---	10.64	5.53	4.05	2.85	3.06	2.75	2.98	2.64
20	2.21	3.38	---	---	6.28	10.66	3.90	2.90	2.95	2.82	2.94	2.96
21	2.21	3.21	---	---	5.44	15.48	3.79	2.93	2.89	2.86	3.32	3.49
22	2.23	3.05	---	---	---	16.25	3.71	2.85	3.21	3.26	3.17	3.07
23	2.27	2.96	---	---	---	10.11	3.59	2.83	4.42	3.20	2.90	2.93
24	2.28	2.98	3.27	---	6.01	6.64	3.47	2.87	3.67	3.52	2.78	3.04
25	2.25	4.27	3.25	4.42	7.26	5.99	3.43	3.39	3.29	6.03	2.73	3.57
26	2.26	4.20	3.23	4.10	11.25	5.42	3.38	3.92	3.30	10.07	2.73	3.97
27	2.29	4.02	3.17	3.88	8.76	4.93	3.31	3.65	3.14	---	2.73	3.33
28	2.27	3.57	3.20	3.81	6.33	4.62	3.31	4.20	3.52	3.52	3.03	3.04
29	2.40	3.34	3.19	3.69	---	4.61	3.27	6.36	4.38	3.23	3.06	2.88
30	2.34	3.19	---	5.60	---	5.78	3.21	6.01	4.09	3.83	2.82	2.77
31	2.30	---	---	6.56	---	5.47	---	4.33	---	4.12	2.79	---
MEAN	2.26	3.84	---	---	---	7.07	4.40	3.42	4.17	---	3.36	3.26
MAX	2.40	12.40	---	---	---	16.25	6.85	6.36	6.71	---	5.18	5.71
MIN	2.20	2.23	---	---	---	4.21	3.21	2.83	2.89	---	2.73	2.60

**MOBILE RIVER BASIN  
2001 Water Year**

**02387000 CONASAUGA RIVER AT TILTON, GA**

**LOCATION.**--Lat 34°40'00", long 84°55'42", Whitfield-Murray County line, Hydrologic Unit 03150101, on left bank 250 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<sup>2</sup>.

**COOPERATION.**—U.S. Army Corps of Engineers, Mobile District; Georgia Environmental Protection Division.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—February 1975 to current year.

**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.

**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, 0.2 mg/L, May 13, 1987.

**EXTREMES FOR CURRENT YEAR.**—

**SPECIFIC CONDUCTANCE:** Maximum recorded (greater than 20 percent missing), 530 microsiemens, November 6; minimum recorded (greater than 20 percent missing), 75 microsiemens, January 21.

**pH:** Maximum recorded (greater than 20 percent missing), 8.9 units, October 12; minimum recorded (greater than 20 percent missing), 6.1 units, June 10, 11.

**WATER TEMPERATURE:** Maximum recorded (greater than 20 percent missing), 32.1 °C, June 20; minimum recorded (greater than 20 percent missing), 0.2 °C, January 3-5.

**DISSOLVED OXYGEN:** Maximum recorded (greater than 20 percent missing), 17.9 mg/L, October 12; minimum recorded (greater than 20 percent missing), 5.2 mg/L, November 10.

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	285	272	282	459	438	446	206	192	201	200	192	196
2	305	284	296	456	438	448	212	201	206	193	190	191
3	324	305	318	455	440	446	242	208	221	200	191	197
4	337	321	328	472	441	454	242	227	233	208	199	204
5	367	339	348	481	472	478	228	218	221	213	200	207
6	375	364	368	530	477	507	221	218	219	221	209	218
7	396	374	380	513	431	417	230	221	227	226	218	222
8	399	386	392	507	237	368	234	224	229	262	221	245
9	399	386	391	314	147	223	236	229	233	263	205	236
10	400	379	288	147	86	111	233	227	230	209	187	196
11	393	378	383	126	86	112	244	232	238	189	175	181
12	396	381	388	145	126	135	242	233	237	207	177	195
13	418	382	397	165	145	156	269	241	253	197	179	188
14	418	397	406	186	165	175	274	253	263	194	181	190
15	446	405	418	202	186	195	271	255	264	198	192	194
16	451	423	440	210	200	206	262	184	230	195	185	189
17	445	440	443	269	210	239	240	159	195	196	187	193
18	442	421	428	243	200	220	159	138	153	211	184	196
19	444	424	432	203	190	195	138	131	134	185	122	147
20	452	434	444	203	198	200	138	132	135	122	79	97
21	471	434	449	206	199	203	151	138	145	91	75	78
22	477	463	471	203	197	200	156	151	154	---	---	---
23	492	462	476	219	201	212	163	156	160	---	---	---
24	487	453	470	228	217	221	172	163	167	---	---	---
25	469	452	458	271	217	238	184	172	178	143	139	142
26	475	465	470	244	200	210	189	184	187	---	---	---
27	493	466	476	200	193	195	208	187	197	---	---	---
28	493	471	480	193	182	189	216	208	212	---	---	---
29	505	471	491	189	181	185	221	210	217	---	---	---
30	479	444	454	192	186	189	216	209	213	---	---	---
31	462	444	455	---	---	---	209	198	204	---	---	---
MONTH	505	272	410	530	86	259	274	131	205	---	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	193	185	190
2	---	---	---	---	---	---	---	---	---	201	189	195
3	---	---	---	---	---	---	---	---	---	211	192	198
4	---	---	---	---	---	---	---	---	---	211	199	204
5	---	---	---	---	---	---	---	---	---	200	192	196
6	---	---	---	150	133	139	---	---	---	198	189	192
7	---	---	---	133	127	129	---	---	---	219	189	204
8	---	---	---	135	127	130	155	150	153	---	---	---
9	---	---	---	141	133	137	158	152	156	187	178	183
10	---	---	---	144	140	142	164	155	160	200	183	192
11	---	---	---	150	144	147	164	160	162	205	175	191
12	---	---	---	172	135	151	171	161	167	191	174	181
13	---	---	---	172	124	136	191	168	175	181	172	177
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	141	119	129	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	191	185	188
18	---	---	---	---	---	---	---	---	---	202	188	193
19	---	---	---	---	---	---	157	152	155	200	191	195
20	---	---	---	145	115	131	162	156	159	214	189	200
21	---	---	---	---	---	---	164	158	162	214	206	209
22	---	---	---	102	80	87	169	161	166	220	201	208
23	---	---	---	---	---	---	173	167	170	227	218	222
24	---	---	---	---	---	---	181	167	176	220	212	215
25	---	---	---	---	---	---	182	177	180	245	210	227
26	143	112	123	---	---	---	185	177	180	225	174	203
27	120	111	116	---	---	---	182	178	180	181	171	177
28	---	---	---	139	132	136	184	178	181	---	---	---
29	---	---	---	157	138	145	186	181	184	---	---	---
30	---	---	---	---	---	---	189	181	186	215	178	193
31	---	---	---	---	---	---	---	---	---	255	215	232
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

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	---	---	---	---	---	---	156	143	148	259	235	252
2	215	162	177	---	---	---	149	119	137	258	177	223
3	---	---	---	---	---	---	145	120	132	195	173	182
4	---	---	---	191	162	181	176	138	157	234	190	206
5	---	---	---	218	190	203	198	160	180	258	234	245
6	---	---	---	206	160	186	176	160	167	258	231	244
7	---	---	---	198	174	183	162	142	154	267	238	254
8	---	---	---	185	172	179	151	139	144	263	251	257
9	---	---	---	191	183	187	159	149	153	255	227	238
10	---	---	---	214	182	196	166	156	161	267	247	256
11	---	---	---	246	214	230	176	166	172	260	219	232
12	---	---	---	---	---	---	---	---	---	232	226	229
13	---	---	---	197	190	194	---	---	---	237	226	230
14	---	---	---	195	189	192	---	---	---	237	225	230
15	---	---	---	206	193	197	---	---	---	243	233	238
16	---	---	---	208	201	205	---	---	---	244	232	238
17	---	---	---	225	204	211	180	170	174	247	235	242
18	---	---	---	230	220	224	191	178	184	250	235	240
19	190	175	180	230	199	223	194	180	186	265	246	250
20	197	187	192	250	219	240	205	191	197	277	239	267
21	206	193	195	248	239	242	204	171	191	258	188	212
22	222	189	206	244	195	220	175	158	163	213	191	200
23	222	199	208	221	195	215	167	157	161	214	197	210
24	233	212	222	214	144	190	190	167	174	269	190	216
25	222	200	208	265	144	194	203	186	193	282	216	253
26	262	222	239	269	99	169	214	198	203	238	168	194
27	229	221	224	---	---	---	214	201	207	168	158	163
28	---	---	---	309	207	263	222	197	214	177	162	167
29	---	---	---	346	162	275	197	176	182	188	175	179
30	---	---	---	196	154	177	---	---	---	201	181	188
31	---	---	---	161	153	158	235	205	213	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	282	158	224

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.5	7.2	7.4	8.0	7.2	7.2	7.7	7.3	7.7	8.0	7.6	7.7
2	7.6	7.2	7.4	7.7	7.2	7.2	7.8	7.6	7.7	8.1	7.5	7.6
3	7.9	7.4	7.5	7.9	7.2	7.4	7.8	7.3	7.5	8.1	7.4	8.0
4	7.9	7.3	7.5	7.6	7.2	7.3	7.7	7.3	7.4	8.1	7.3	7.5
5	8.4	7.3	7.5	7.9	7.2	7.4	7.9	7.3	7.7	8.2	7.4	7.5
6	8.4	7.4	7.5	7.7	7.1	7.2	7.9	7.3	7.7	8.0	7.2	7.5
7	8.6	7.5	7.8	7.7	7.2	7.4	8.1	7.5	7.8	8.2	7.3	8.0
8	8.6	7.7	7.9	7.4	7.1	7.3	8.2	7.5	8.0	8.0	7.5	7.7
9	8.8	7.6	7.9	7.3	6.9	7.0	8.4	7.5	8.0	7.8	7.3	7.7
10	8.7	7.6	7.9	6.9	6.6	6.8	8.4	7.8	8.1	7.9	7.3	7.4
11	8.8	7.5	8.1	6.7	6.6	6.7	8.3	7.7	7.8	7.9	7.3	7.4
12	8.9	7.5	7.8	7.1	6.7	7.0	8.3	7.6	7.9	7.8	7.3	7.4
13	8.6	7.4	8.1	7.2	6.9	7.0	---	---	---	8.0	7.1	7.4
14	8.4	7.4	7.5	7.3	7.0	7.2	8.4	7.8	8.0	8.1	7.3	7.9
15	8.5	7.5	8.0	7.3	7.1	7.2	8.4	7.8	8.2	8.2	7.8	8.0
16	8.1	7.5	7.9	7.4	7.1	7.3	8.4	7.4	7.7	8.2	7.4	8.0
17	8.4	7.6	8.0	7.4	7.1	7.3	7.4	7.2	7.3	8.2	7.7	7.8
18	8.4	7.5	7.9	7.4	7.1	7.2	7.4	7.1	7.4	8.0	7.5	7.7
19	8.1	7.4	7.5	7.4	7.2	7.2	7.4	7.1	7.3	7.7	7.2	7.4
20	8.1	7.4	7.6	7.4	7.1	7.2	7.5	7.2	7.4	7.3	7.1	7.2
21	8.1	7.4	7.6	7.5	7.2	7.4	7.5	7.3	7.3	7.4	7.2	7.2
22	8.1	7.3	7.5	7.6	7.2	7.2	7.7	7.3	7.6	---	---	---
23	8.0	7.2	7.5	7.6	7.2	7.6	7.7	7.6	7.7	---	---	---
24	8.0	7.2	7.3	7.6	7.3	7.6	7.7	7.2	7.3	---	---	---
25	7.8	7.2	7.4	7.5	7.1	7.3	7.8	7.2	7.8	---	---	---
26	8.1	7.2	7.4	7.5	7.0	7.3	7.9	7.3	7.7	---	---	---
27	8.1	7.2	7.4	7.6	7.2	7.4	7.5	7.4	7.4	---	---	---
28	7.9	7.2	7.4	7.6	7.3	7.5	7.8	7.4	7.7	---	---	---
29	7.8	7.2	7.4	7.5	7.2	7.3	7.9	7.5	7.7	---	---	---
30	8.0	7.2	7.5	7.7	7.2	7.3	8.0	7.4	7.9	---	---	---
31	7.7	7.2	7.5	---	---	---	8.0	7.6	7.6	---	---	---
MAX	8.9	7.7	8.1	8.0	7.3	7.6	---	---	---	---	---	---
MIN	7.5	7.2	7.3	6.7	6.6	6.7	---	---	---	---	---	---



STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	---	---	---	8.1	7.8	8.0
2	---	---	---	---	---	---	---	---	---	8.0	7.8	7.9
3	---	---	---	---	---	---	---	---	---	8.0	7.8	7.9
4	---	---	---	---	---	---	---	---	---	8.0	7.8	7.9
5	---	---	---	---	---	---	---	---	---	7.9	7.8	7.8
6	---	---	---	7.6	7.5	7.5	---	---	---	7.9	7.7	7.8
7	---	---	---	7.6	7.5	7.5	7.7	7.4	7.6	7.8	7.6	7.7
8	---	---	---	7.6	7.5	7.6	7.8	7.6	7.7	7.7	7.3	7.3
9	---	---	---	7.6	7.6	7.6	7.9	7.7	7.8	7.4	7.3	7.4
10	---	---	---	7.7	7.6	7.7	7.9	7.8	7.9	7.5	7.3	7.4
11	---	---	---	7.7	7.7	7.7	8.0	7.8	7.9	7.4	7.4	7.4
12	---	---	---	7.7	7.4	7.6	7.9	7.8	7.9	7.5	7.3	7.4
13	---	---	---	7.5	7.1	7.3	7.9	7.8	7.9	7.4	7.2	7.3
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	7.3	7.1	7.2	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	7.6	7.4	7.5
18	---	---	---	---	---	---	---	---	---	7.6	7.4	7.5
19	---	---	---	---	---	---	7.9	7.7	7.8	7.5	7.5	7.5
20	---	---	---	7.4	7.1	7.2	7.9	7.8	7.8	7.5	7.4	7.5
21	---	---	---	---	---	---	7.9	7.8	7.8	7.5	7.4	7.5
22	---	---	---	7.1	7.0	7.0	7.9	7.7	7.8	7.6	7.4	7.5
23	---	---	---	---	---	---	7.9	7.7	7.9	7.6	7.4	7.6
24	---	---	---	---	---	---	7.9	7.7	7.8	7.6	7.5	7.6
25	---	---	---	---	---	---	8.0	7.8	7.9	7.6	7.1	7.6
26	---	---	---	7.4	7.1	7.2	8.1	7.8	8.0	7.6	7.5	7.5
27	---	---	---	7.5	7.2	7.2	8.2	7.8	8.0	7.6	7.5	7.5
28	---	---	---	7.5	7.5	7.5	8.1	7.8	8.1	---	---	---
29	---	---	---	7.6	7.5	7.5	8.2	7.8	8.1	---	---	---
30	---	---	---	---	---	---	8.2	7.8	8.1	7.1	7.0	7.0
31	---	---	---	---	---	---	---	---	---	7.3	7.1	7.2
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	7.3	7.2	7.2	7.6	7.4	7.6
2	7.1	7.0	7.0	---	---	---	7.3	7.2	7.3	7.6	7.4	7.6
3	7.5	6.7	7.1	---	---	---	7.3	7.2	7.2	7.4	7.4	7.4
4	6.9	6.7	6.8	7.5	7.3	7.4	7.5	7.3	7.4	7.4	7.3	7.4
5	7.2	6.9	7.1	7.5	7.4	7.5	7.5	7.4	7.5	7.4	7.3	7.3
6	7.4	6.9	7.2	7.5	7.4	7.5	7.5	7.4	7.4	7.4	7.3	7.3
7	7.8	7.3	7.5	7.4	7.3	7.3	7.5	7.4	7.4	7.5	7.4	7.5
8	7.8	7.2	7.4	7.3	7.2	7.3	7.5	7.4	7.4	7.6	7.5	7.6
9	7.5	7.1	7.2	7.4	7.3	7.3	7.5	7.3	7.4	7.6	7.6	7.6
10	7.5	6.1	7.2	7.4	7.3	7.3	7.5	7.4	7.5	7.6	7.6	7.6
11	6.7	6.1	6.6	7.6	7.4	7.5	7.6	7.4	7.5	7.7	7.6	7.6
12	7.0	6.6	6.9	---	---	---	7.6	7.3	7.5	7.8	7.7	7.7
13	7.2	6.8	7.1	7.7	7.6	7.6	7.4	7.3	7.4	7.8	7.7	7.7
14	7.5	7.0	7.5	7.8	7.6	7.7	7.4	7.4	7.4	8.0	7.7	7.8
15	7.8	7.3	7.6	7.9	7.6	7.7	7.4	7.4	7.4	8.1	7.8	7.9
16	7.9	7.5	7.8	7.8	7.7	7.7	7.4	7.4	7.4	8.2	7.9	8.0
17	8.0	7.7	7.8	7.9	7.7	7.7	7.5	7.4	7.4	8.0	7.8	7.9
18	---	---	---	8.1	7.7	7.8	7.6	7.4	7.5	8.1	7.8	7.8
19	7.6	7.5	7.5	8.1	7.7	7.8	7.6	7.4	7.5	7.9	7.6	7.8
20	7.6	7.4	7.5	7.7	7.6	7.7	7.6	7.5	7.5	7.7	7.5	7.6
21	7.5	7.1	7.4	7.7	7.6	7.6	7.6	7.5	7.6	7.7	7.5	7.6
22	---	---	---	7.9	7.6	7.7	7.6	7.4	7.5	7.5	7.4	7.5
23	7.4	7.1	7.2	7.9	7.6	7.7	7.6	7.4	7.5	7.6	7.5	7.5
24	7.4	7.2	7.3	7.8	7.2	7.6	7.7	7.4	7.5	7.6	7.3	7.5
25	7.4	7.2	7.3	7.2	6.9	6.9	7.7	7.5	7.6	7.6	7.4	7.4
26	---	---	---	7.0	6.7	6.7	7.9	7.6	7.6	7.6	7.3	7.4
27	7.4	7.3	7.4	---	---	---	7.7	7.6	7.6	7.3	7.2	7.2
28	---	---	---	7.1	6.8	7.0	7.6	7.5	7.6	7.2	7.1	7.2
29	---	---	---	7.4	7.1	7.2	7.6	7.3	7.4	7.2	7.1	7.2
30	---	---	---	7.4	7.4	7.4	---	---	---	7.3	7.2	7.2
31	---	---	---	7.4	7.2	7.3	7.5	7.4	7.4	---	---	---
MAX	---	---	---	---	---	---	---	---	---	8.2	7.9	8.0
MIN	---	---	---	---	---	---	---	---	---	7.2	7.1	7.2

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.3	18.1	19.6	20.0	17.2	18.4	7.7	6.3	7.1	1.4	.9	1.2
2	21.8	18.8	20.3	19.7	17.2	18.2	8.1	7.1	7.6	1.6	.5	1.0
3	22.5	19.4	20.8	19.8	17.2	18.2	8.1	6.9	7.3	1.5	.2	.7
4	22.9	20.1	21.4	18.1	17.4	17.7	7.0	6.3	6.6	1.9	.2	.6
5	23.4	20.1	21.6	18.4	16.4	17.3	6.3	5.2	5.8	1.6	.2	.7
6	21.9	20.3	21.2	16.9	15.8	16.2	5.9	4.8	5.4	2.4	1.1	1.6
7	20.5	17.2	19.1	16.5	15.8	16.1	5.9	4.7	5.4	3.2	1.6	2.2
8	17.2	14.2	15.8	17.7	16.5	17.1	6.0	4.7	5.4	3.9	3.2	3.6
9	15.8	12.6	13.8	18.1	17.4	17.8	6.5	5.1	5.8	3.9	3.0	3.4
10	14.9	11.6	13.0	17.9	15.6	17.0	7.4	6.5	6.9	3.8	2.3	2.9
11	15.3	11.6	13.2	15.6	13.2	14.4	8.2	7.4	7.7	2.8	1.8	2.3
12	15.8	11.8	13.6	13.2	12.2	12.7	8.4	6.7	7.8	3.7	2.6	3.1
13	16.0	12.3	14.0	12.2	11.4	11.8	6.7	5.9	6.1	5.2	3.2	3.9
14	16.3	12.7	14.4	12.2	11.0	11.6	6.8	6.0	6.4	5.3	4.2	4.6
15	---	---	---	11.0	9.6	10.1	7.9	6.6	7.2	6.8	5.2	6.0
16	17.4	13.8	15.2	9.7	9.0	9.3	9.1	7.6	8.0	6.7	5.8	6.3
17	18.4	15.0	16.3	10.0	9.3	9.6	9.1	7.9	8.6	6.6	6.0	6.3
18	19.6	16.1	17.5	9.3	7.9	8.4	7.9	6.3	7.0	7.4	6.5	6.9
19	19.5	16.2	17.7	7.9	7.2	7.5	6.3	4.2	5.5	8.8	7.3	8.1
20	19.5	16.7	17.9	8.0	6.8	7.3	4.2	2.6	3.3	9.0	7.8	8.5
21	20.0	17.2	18.3	7.2	5.8	6.4	2.6	2.2	2.4	7.8	5.6	6.5
22	20.4	17.3	18.6	6.0	4.5	5.3	2.2	1.5	1.8	---	---	---
23	20.6	17.5	18.8	6.1	5.0	5.6	1.7	.6	1.2	---	---	---
24	20.6	17.8	19.0	7.4	6.1	6.5	2.9	1.3	2.0	---	---	---
25	20.7	17.8	19.1	8.9	7.4	8.4	2.6	1.4	2.1	---	---	---
26	20.8	18.3	19.3	9.4	8.9	9.2	2.8	1.9	2.4	---	---	---
27	20.7	18.1	19.2	9.5	8.7	9.1	3.3	2.7	2.9	---	---	---
28	20.6	17.9	19.1	8.8	7.7	8.4	3.4	3.1	3.2	---	---	---
29	19.8	17.6	18.6	9.0	8.0	8.5	3.2	2.3	2.9	---	---	---
30	19.2	17.3	18.2	8.6	7.5	8.0	3.2	1.7	2.2	---	---	---
31	19.9	17.5	18.4	---	---	---	1.8	1.0	1.4	---	---	---
MONTH	---	---	---	20.0	4.5	11.7	9.1	.6	5.0	---	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	21.6	19.8	20.9
2	---	---	---	---	---	---	---	---	---	22.0	19.9	21.2
3	---	---	---	---	---	---	---	---	---	22.7	19.8	21.4
4	---	---	---	---	---	---	---	---	---	22.9	20.0	21.7
5	---	---	---	---	---	---	---	---	---	23.0	20.5	22.1
6	---	---	---	11.3	9.8	10.4	---	---	---	23.5	21.4	22.6
7	---	---	---	9.8	8.6	9.2	---	---	---	23.1	21.6	22.6
8	---	---	---	9.6	8.1	8.9	18.9	16.8	17.8	22.3	20.0	20.8
9	---	---	---	9.8	8.9	9.3	20.0	18.1	19.0	21.0	19.3	20.2
10	---	---	---	10.2	8.5	9.3	21.5	19.0	20.2	21.7	19.4	20.7
11	---	---	---	10.8	8.8	9.7	22.0	20.4	21.2	21.8	19.9	21.1
12	---	---	---	11.5	10.2	10.7	21.3	20.6	20.9	22.3	20.5	21.5
13	---	---	---	13.5	11.5	12.5	20.7	19.9	20.3	23.9	20.6	22.1
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	13.8	12.7	13.3	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	24.8	22.2	23.5
18	---	---	---	---	---	---	---	---	---	25.6	23.1	24.3
19	---	---	---	---	---	---	15.7	13.5	14.7	24.6	23.5	23.9
20	---	---	---	11.4	9.2	10.4	15.6	13.8	14.8	23.7	23.1	23.5
21	---	---	---	---	---	---	17.3	14.7	16.0	24.5	22.8	23.5
22	---	---	---	11.0	9.2	9.7	19.3	16.4	17.8	24.0	22.2	23.3
23	---	---	---	---	---	---	20.5	18.0	19.3	22.7	20.5	21.7
24	---	---	---	---	---	---	20.2	18.8	19.4	21.7	20.4	20.9
25	---	---	---	---	---	---	19.9	17.5	18.7	20.9	19.7	20.4
26	13.9	13.1	13.5	---	---	---	19.5	16.8	18.3	21.0	19.2	20.2
27	13.5	12.2	13.0	---	---	---	19.6	16.3	18.2	24.1	20.6	22.2
28	---	---	---	10.7	9.5	10.1	20.3	17.1	18.9	---	---	---
29	---	---	---	10.0	9.8	9.9	20.7	18.0	19.6	---	---	---
30	---	---	---	---	---	---	21.3	18.4	20.1	23.2	21.7	22.3
31	---	---	---	---	---	---	---	---	---	21.9	19.4	20.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	26.6	25.5	26.1	24.3	23.7	23.9
2	23.6	21.2	22.8	---	---	---	26.4	25.1	25.8	23.7	22.3	23.1
3	21.2	18.7	19.5	---	---	---	25.8	24.7	25.3	22.3	21.7	21.9
4	23.3	18.1	20.2	25.9	23.3	24.6	25.9	24.0	25.0	22.7	21.6	22.1
5	22.9	20.6	21.8	25.3	23.9	24.6	26.4	25.0	25.6	24.3	22.2	23.2
6	23.8	20.4	22.1	24.7	23.2	24.0	26.6	24.9	25.8	25.1	23.3	24.2
7	23.5	21.8	22.2	25.3	23.3	24.3	26.7	25.2	25.9	25.7	23.9	24.8
8	23.7	21.2	22.2	26.7	23.8	25.3	27.5	25.4	26.4	25.9	24.0	25.0
9	22.7	20.3	21.3	27.0	25.5	26.3	27.8	25.9	27.0	26.3	24.1	25.2
10	23.3	19.3	21.4	26.2	24.7	25.4	27.9	26.3	27.2	25.6	24.6	25.1
11	24.0	20.6	22.2	26.9	25.0	26.0	27.5	26.2	26.9	26.2	24.2	25.1
12	25.3	21.8	23.4	---	---	---	27.1	25.1	26.1	26.1	24.7	25.3
13	26.7	22.7	24.5	28.2	25.6	27.0	25.6	24.9	25.2	26.3	24.4	25.2
14	27.1	23.7	25.4	27.6	25.4	26.5	25.8	24.5	25.1	26.4	24.2	25.0
15	26.7	23.7	25.2	27.1	24.6	26.0	25.7	24.2	25.0	24.8	23.1	24.0
16	25.6	22.8	24.1	26.3	25.1	25.7	27.1	24.6	25.8	23.8	21.8	22.6
17	26.4	22.2	24.1	27.5	25.2	26.2	27.0	25.2	26.2	22.7	20.5	21.6
18	---	---	---	28.3	25.9	27.0	27.4	25.0	26.3	22.6	20.5	21.5
19	30.0	27.2	28.7	28.5	26.4	27.2	27.4	25.9	26.7	22.1	21.1	21.5
20	32.1	28.1	29.9	26.9	26.2	26.5	27.9	25.8	26.8	22.6	21.2	21.8
21	---	---	---	26.3	25.6	26.0	26.6	24.6	25.8	22.4	20.8	21.7
22	---	---	---	27.0	25.0	26.0	26.1	23.5	24.9	22.7	20.6	21.8
23	27.2	22.1	24.6	28.2	25.6	27.0	26.0	24.3	25.3	22.9	21.1	22.2
24	23.5	19.0	20.9	27.9	26.1	27.2	27.2	25.2	26.1	23.0	20.8	21.9
25	23.2	21.3	22.4	26.8	23.2	24.9	27.6	25.7	26.5	20.8	18.9	19.7
26	---	---	---	24.9	23.7	24.2	28.0	26.2	26.9	18.9	17.6	18.3
27	26.0	23.4	24.5	---	---	---	27.2	26.0	26.5	18.3	16.4	17.5
28	---	---	---	26.8	25.6	26.1	26.1	25.2	25.5	18.2	16.2	17.3
29	---	---	---	26.5	25.5	26.0	25.7	24.0	25.0	18.3	16.6	17.5
30	---	---	---	26.8	25.1	26.0	---	---	---	18.4	16.6	17.4
31	---	---	---	26.6	25.3	26.0	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	26.4	16.2	22.2

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.1	7.4	7.9	9.5	6.9	7.8	12.1	11.4	11.8	14.5	13.7	14.1
2	9.4	7.3	8.0	9.5	7.0	7.8	12.1	11.5	11.9	14.9	14.0	14.4
3	9.9	7.3	8.2	9.7	7.0	7.8	12.1	11.2	11.7	14.9	14.2	14.6
4	11.1	7.3	8.5	8.4	6.8	7.4	12.2	11.4	11.8	14.9	14.4	14.6
5	12.4	7.5	9.0	9.6	6.6	7.5	12.9	11.7	12.3	14.8	14.3	14.6
6	12.3	7.8	9.2	7.3	6.7	6.9	13.3	11.9	12.7	14.6	13.9	14.3
7	13.3	8.5	10.1	7.4	6.8	7.0	13.3	12.1	12.5	14.4	13.5	13.9
8	14.6	9.4	11.3	7.4	6.5	7.0	12.8	11.3	12.2	13.9	12.1	12.8
9	16.6	10.9	12.7	7.5	5.9	6.9	12.9	11.6	12.4	12.7	12.1	12.3
10	15.9	11.4	12.9	6.0	5.2	5.7	12.9	11.2	12.1	13.6	12.5	13.1
11	16.3	10.8	12.9	7.7	5.5	6.2	12.3	10.8	11.5	13.9	13.1	13.5
12	17.9	10.8	13.4	8.9	7.7	8.3	12.7	11.0	12.0	13.6	12.9	13.3
13	14.9	10.2	12.3	9.2	8.8	9.0	13.0	12.0	12.4	13.5	12.7	13.1
14	13.2	9.9	11.4	9.4	9.0	9.3	13.0	11.5	12.3	13.0	12.4	12.6
15	13.0	9.8	10.7	10.0	9.4	9.7	13.0	11.2	12.3	13.0	11.9	12.4
16	12.6	9.4	10.6	10.3	9.9	10.1	12.8	9.9	11.1	12.7	11.5	12.2
17	11.8	9.2	10.1	10.1	9.7	9.9	10.0	9.3	9.6	12.5	11.5	12.1
18	11.9	8.9	9.8	10.4	9.8	10.1	10.4	9.5	9.9	12.3	10.6	11.3
19	10.9	8.2	9.2	10.9	10.4	10.7	11.3	10.4	10.8	10.6	8.9	9.6
20	10.4	7.6	8.7	11.2	10.9	11.0	12.2	11.3	11.8	9.2	8.4	8.7
21	9.8	7.4	8.3	11.5	11.1	11.3	12.6	12.2	12.5	10.3	9.0	9.5
22	9.6	6.9	8.0	12.5	11.5	12.0	13.2	12.6	12.9	---	---	---
23	9.5	6.8	7.6	12.5	12.2	12.3	13.5	13.1	13.3	---	---	---
24	9.5	7.0	7.8	12.2	11.6	11.9	13.6	13.2	13.4	---	---	---
25	10.1	6.9	7.9	11.6	10.4	10.9	13.5	13.1	13.3	---	---	---
26	9.3	6.5	7.4	10.5	10.2	10.3	13.5	13.0	13.2	---	---	---
27	9.1	6.3	7.2	10.8	10.3	10.6	13.3	12.8	12.9	---	---	---
28	9.1	6.3	7.3	11.4	10.8	11.1	12.9	12.4	12.6	---	---	---
29	8.9	6.5	7.4	11.4	11.1	11.3	13.4	12.4	12.9	---	---	---
30	8.9	6.9	7.5	11.8	11.1	11.4	13.8	12.7	13.3	---	---	---
31	9.2	6.9	7.6	---	---	---	14.4	13.3	13.9	---	---	---
MONTH	17.9	6.3	9.4	12.5	5.2	9.3	14.4	9.3	12.2	---	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	9.4	7.9	8.7
2	---	---	---	---	---	---	---	---	---	8.9	7.3	8.3
3	---	---	---	---	---	---	---	---	---	8.6	7.4	8.0
4	---	---	---	---	---	---	---	---	---	8.3	7.1	7.7
5	---	---	---	---	---	---	---	---	---	8.0	7.0	7.6
6	---	---	---	---	---	---	---	---	---	7.8	6.8	7.3
7	---	---	---	---	---	---	---	---	---	7.2	5.9	6.4
8	---	---	---	---	---	---	8.4	6.5	7.6	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	7.4	6.8	7.1
11	---	---	---	---	---	---	---	---	---	7.2	6.7	7.0
12	---	---	---	---	---	---	---	---	---	7.2	6.6	6.9
13	---	---	---	---	---	---	---	---	---	6.8	6.1	6.5
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	8.1	7.1	7.6
18	---	---	---	---	---	---	---	---	---	7.9	7.0	7.4
19	---	---	---	---	---	---	9.5	8.9	9.3	7.4	6.8	7.2
20	---	---	---	---	---	---	9.8	9.3	9.5	7.3	6.5	7.0
21	---	---	---	---	---	---	9.7	9.3	9.5	7.6	6.7	7.1
22	---	---	---	---	---	---	9.4	8.9	9.2	7.6	6.7	7.1
23	---	---	---	---	---	---	9.2	8.4	8.9	8.3	7.2	7.7
24	---	---	---	---	---	---	8.9	8.0	8.3	8.1	7.4	7.7
25	---	---	---	---	---	---	9.5	8.0	8.8	7.9	6.8	7.3
26	---	---	---	---	---	---	9.8	8.4	9.2	7.2	6.9	7.1
27	---	---	---	---	---	---	10.1	8.7	9.5	7.0	6.3	6.5
28	---	---	---	---	---	---	10.0	8.7	9.5	---	---	---
29	---	---	---	11.2	10.7	11.0	9.9	8.5	9.4	---	---	---
30	---	---	---	---	---	---	9.8	8.2	9.2	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02387000 CONASAUGA RIVER AT TILTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 344000 LONGITUDE 0845542 DRAINAGE AREA 687.00 DATUM 622.28 STATE 13 COUNTY 313

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	6.7	6.3	6.5
2	---	---	---	---	---	---	---	---	---	7.0	6.5	6.7
3	---	---	---	---	---	---	---	---	---	7.2	6.8	7.1
4	9.5	8.5	9.1	6.5	6.1	6.3	---	---	---	7.3	7.1	7.3
5	9.3	8.7	9.0	6.6	5.5	6.3	---	---	---	7.3	7.1	7.2
6	9.4	8.7	9.0	---	---	---	---	---	---	7.2	7.0	7.1
7	9.1	8.8	9.0	---	---	---	6.7	6.4	6.5	7.1	6.7	6.9
8	9.1	8.5	8.9	---	---	---	7.0	6.5	6.7	7.1	6.7	6.9
9	---	---	---	---	---	---	6.9	6.2	6.6	7.2	6.5	6.9
10	---	---	---	---	---	---	7.0	6.2	6.6	7.2	6.6	6.9
11	9.6	8.8	9.2	---	---	---	7.1	6.3	6.6	7.6	6.7	7.1
12	9.2	8.4	8.8	---	---	---	---	---	---	7.5	6.9	7.2
13	8.9	7.8	8.4	6.9	5.8	6.3	---	---	---	7.9	7.0	7.4
14	8.3	7.6	8.0	7.4	5.9	6.6	---	---	---	8.4	6.9	7.6
15	8.1	7.7	7.9	7.6	6.2	6.8	---	---	---	8.6	7.2	7.7
16	8.4	7.9	8.2	7.2	6.3	6.8	---	---	---	9.4	7.4	8.2
17	8.5	7.6	8.1	7.9	6.5	7.1	6.8	6.2	6.5	8.7	7.6	8.0
18	---	---	---	8.8	6.8	7.4	7.1	6.2	6.6	9.0	7.5	8.2
19	---	---	---	8.1	6.5	7.2	6.9	5.9	6.4	8.2	6.9	7.7
20	---	---	---	7.2	5.9	6.7	7.2	5.8	6.5	7.3	6.7	7.0
21	---	---	---	7.2	6.2	6.6	7.3	6.3	6.8	7.5	6.0	6.9
22	---	---	---	7.8	6.2	6.9	7.6	6.3	7.1	7.5	6.2	6.9
23	---	---	---	7.7	6.2	6.9	7.6	6.6	7.0	7.8	6.6	7.2
24	---	---	---	---	---	---	---	---	---	7.7	6.6	7.0
25	---	---	---	---	---	---	---	---	---	7.5	6.4	7.1
26	---	---	---	---	---	---	---	---	---	8.0	7.4	7.7
27	---	---	---	---	---	---	---	---	---	8.6	7.6	8.2
28	---	---	---	---	---	---	---	---	---	9.2	8.1	8.5
29	---	---	---	---	---	---	---	---	---	9.5	7.7	8.6
30	---	---	---	---	---	---	---	---	---	9.8	7.2	8.5
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	9.8	6.0	7.4



**MOBILE RIVER BASIN  
2001 Water Year**

**02387010 CONASAUGA RIVER AT SLOAN BRIDGE, BELOW DALTON, GA**

**LOCATION.**--Lat 34<sup>0</sup>37'45", Long 84<sup>0</sup>55'02", 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<sup>2</sup>.

**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.

**REMARKS.**—Records good. Station is auxiliary gage for 02387000 Conasauga River at Tilton.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 15.02 feet, March 22; minimum gage-height recorded, 0.05 feet, November 7-8.

STATION NUMBER 02387010 CONASAUGA RIVER AT SLOAN BRIDGE, BELOW DALTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343745 LONGITUDE 0845502 DRAINAGE AREA 695 DATUM 618.95 STATE 13 COUNTY 313

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

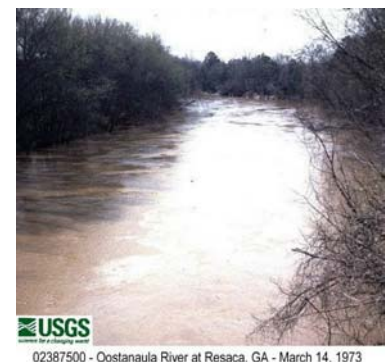
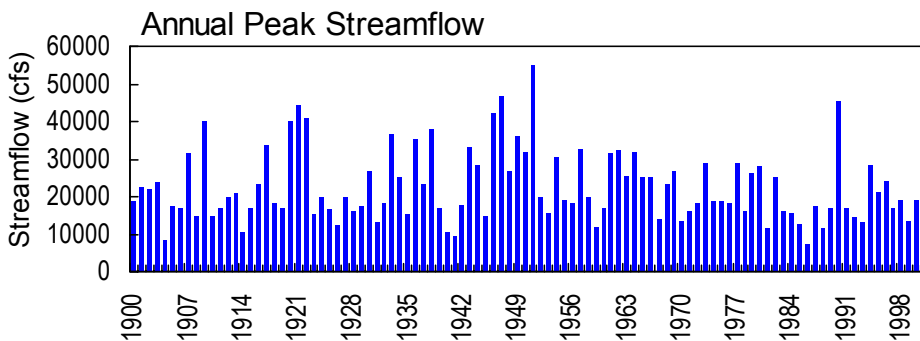
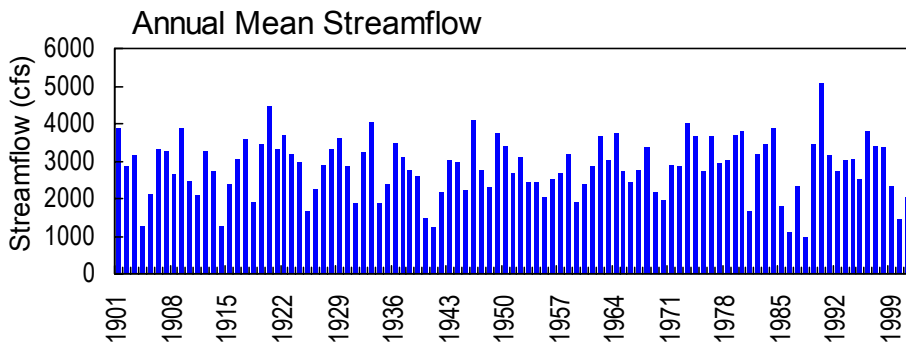
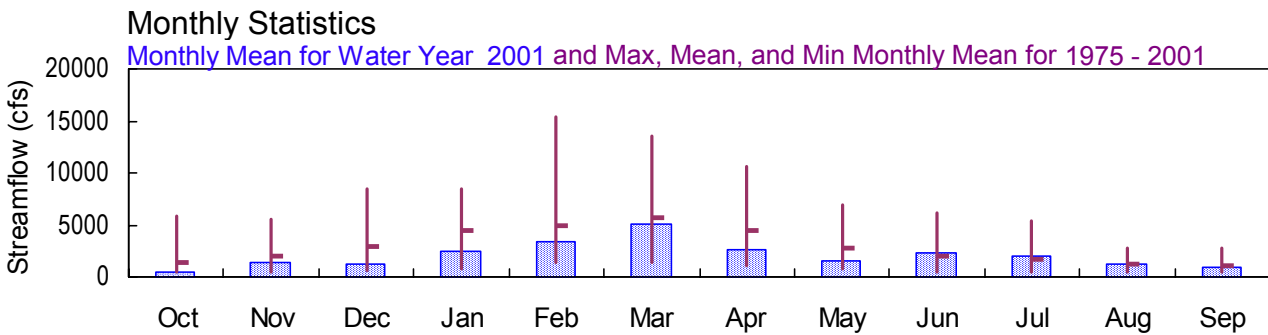
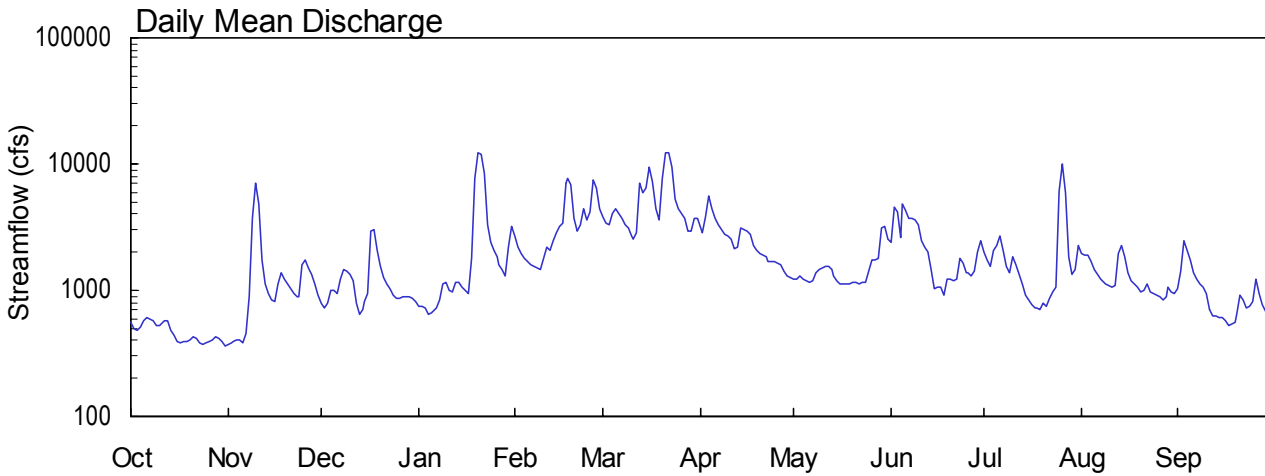
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.20	.08	.78	---	3.24	3.48	2.70	.81	2.28	1.47	1.34	.47
2	.20	.07	.70	---	2.40	2.93	2.33	.86	4.17	1.33	1.44	2.32
3	.20	.07	.98	---	2.03	2.68	3.00	1.00	3.55	1.28	1.40	3.59
4	.19	.07	1.34	---	1.83	4.06	4.77	.80	3.26	1.46	1.90	2.81
5	.18	.06	1.20	---	1.69	4.38	3.83	.79	3.42	1.56	1.56	1.91
6	.18	.06	1.02	---	1.50	4.23	3.05	.77	2.26	2.64	1.32	1.34
7	.18	.05	.84	---	1.39	3.49	2.71	1.08	2.61	1.54	1.33	1.00
8	.16	1.60	.73	---	1.37	2.85	2.50	1.35	3.63	1.03	1.12	.78
9	.16	6.99	.66	---	1.34	2.51	2.27	1.05	4.53	.79	.88	.63
10	.15	10.72	.65	---	1.89	2.30	2.05	.93	3.57	2.09	.80	.51
11	.14	6.72	.63	---	2.80	2.11	1.93	1.04	2.11	1.76	.81	.38
12	.13	1.88	.49	---	2.37	2.88	1.73	1.21	1.61	1.12	1.15	.27
13	.12	1.18	.45	---	2.33	8.43	2.19	1.07	1.39	.76	2.74	.23
14	.12	.80	.61	---	2.87	6.43	4.70	.88	1.22	.55	2.97	.21
15	.11	.58	.79	---	3.57	6.99	3.66	.64	1.12	.46	2.02	.20
16	.11	.53	1.22	---	3.96	10.92	3.87	.52	1.20	.38	1.17	.18
17	.10	1.44	4.15	---	9.84	7.83	3.12	.48	1.07	.26	.81	.18
18	.10	1.54	4.50	---	11.92	4.46	2.35	.42	.88	.24	.66	.17
19	.10	1.35	2.80	---	9.34	3.47	2.01	.44	.71	.28	.56	.17
20	.10	1.14	---	---	4.38	8.81	1.84	.55	.58	.39	.51	.47
21	.10	.92	---	---	3.41	13.97	1.74	.58	.44	.37	.91	1.16
22	.09	.72	---	---	---	14.82	1.54	.52	.73	.82	.83	.68
23	.09	.59	---	---	---	9.24	1.46	.47	2.14	.84	.46	.49
24	.08	.63	1.01	---	4.07	4.74	1.35	.47	1.41	1.12	.31	.61
25	.08	2.20	.97	2.37	5.24	3.96	1.19	1.03	.95	4.22	.24	1.15
26	.08	2.09	.96	2.03	9.54	3.34	1.17	1.63	.97	8.72	.24	1.70
27	.08	1.88	.88	1.81	7.29	2.80	1.10	1.42	.77	---	.24	1.00
28	.08	1.39	.93	1.70	4.43	2.48	1.03	2.00	1.12	1.40	.55	.63
29	.08	1.10	.93	1.58	---	2.45	1.04	4.18	2.10	1.09	.68	.43
30	.08	.90	---	3.42	---	3.62	.98	3.97	1.83	1.54	.37	.27
31	.08	---	---	4.62	---	3.41	---	2.19	---	1.89	.30	---
MEAN	.12	1.64	---	---	---	5.16	2.31	1.13	1.92	---	1.02	.86
MAX	.20	10.72	---	---	---	14.82	4.77	4.18	4.53	---	2.97	3.59
MIN	.08	.05	---	---	---	2.11	.98	.42	.44	---	.24	.17

# MOBILE RIVER BASIN

## 2001 Water Year

### 02387500 OOSTANAULA RIVER AT RESACA, GA

Latitude: 34° 34' 42" Longitude: 84° 56' 29" Hydrologic Unit Code: 03150103 Gordon County  
 Drainage Area: 1600 mi<sup>2</sup> Datum: 604.1 feet Period of Record: 1975 - 2001



**MOBILE RIVER BASIN**  
**2001 Water Year**

**02387500 OOSTANAULA RIVER AT RESACA, GA**

**LOCATION.**-- Lat 34°34'42", long 84°56'29", 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<sup>2</sup>.

**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. ADR digital recorder was removed on April 18, 2001. Datum of gage is 604.14 feet above sea level (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. Flow regulated by Carters Lake and re-regulation dam.

**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<sup>3</sup>/s.

**MOBILE RIVER BASIN  
2001 Water Year**

**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. ADR digital recorder was removed on April 18, 2001. Datum of gage is 604.14 feet above sea level (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, 17.77 feet, March 22; minimum gage-height recorded, 1.52 feet, October 31.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--June 1, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343442 LONGITUDE 0845629 DRAINAGE AREA 1602 DATUM 604.14 STATE 13 COUNTY 129

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	563	373	793	752	2690	3790	3130	1230	e2400	2030	1970	1040
2	500	387	736	741	2190	3400	2850	1230	4590	1720	1890	1430
3	480	390	802	726	1950	3260	3850	1290	4120	1550	1890	2500
4	511	411	998	652	1790	4090	5530	1220	2650	2100	1690	2070
5	583	408	1010	662	1670	4400	4460	1190	4850	2270	1480	1720
6	601	382	938	680	1610	4060	3690	1160	e4250	2700	1340	1390
7	597	451	1240	718	1550	3660	3320	1190	3710	2060	1240	1220
8	578	898	1470	838	1510	3330	3040	1370	3720	1570	1190	1140
9	532	3670	1430	1110	1460	3090	2800	1470	3590	1370	1130	1050
10	533	7030	1350	1170	1780	2730	2670	1510	3340	1840	1100	932
11	559	4790	1190	998	2220	2540	2510	1540	2480	1600	1070	696
12	569	1740	803	978	2080	2880	2130	1570	2180	1340	1090	628
13	568	1140	644	1150	2440	6950	2210	1450	2010	1110	1970	624
14	487	934	702	1150	2840	5840	3110	1290	1480	906	2230	615
15	445	838	811	1060	3170	6380	3060	1180	1020	828	1860	611
16	394	826	950	988	3390	9350	2960	1140	1060	774	1360	576
17	380	1130	2980	945	7080	7290	2770	1120	1050	729	1180	530
18	389	1360	2990	1810	7790	4360	2250	1120	908	728	1120	540
19	393	1230	2080	7630	6840	3560	2060	1140	1230	710	1050	565
20	407	1120	1560	12200	3730	7640	1970	1160	1220	796	961	651
21	424	1030	1280	11800	2980	12200	1910	1150	1190	757	990	905
22	417	936	1120	8390	3310	12200	1830	1130	1210	866	1120	841
23	380	879	1040	3290	4360	9540	1700	1150	1800	971	977	722
24	373	883	929	2420	3600	5220	1690	1170	1660	1050	931	751
25	382	1610	858	2050	4150	4370	1680	1410	1360	6130	922	825
26	388	1750	855	1820	7400	4020	1650	1750	1390	10100	897	1220
27	410	1510	894	1590	6500	3660	1580	1720	1300	e5880	846	938
28	431	1330	889	1450	4420	2970	1410	1790	1410	1840	899	768
29	421	1120	886	1290	---	2930	1310	3120	1990	1330	1050	694
30	398	919	877	2200	---	3700	1260	3190	2480	1480	978	701
31	363	---	819	3190	---	3680	---	2510	---	2260	936	---
TOTAL	14456	41475	35924	76448	96500	157090	76390	45660	67648	61395	39357	28893
MEAN	466	1382	1159	2466	3446	5067	2546	1473	2255	1980	1270	963
MAX	601	7030	2990	12200	7790	12200	5530	3190	4850	10100	2230	2500
MIN	363	373	644	652	1460	2540	1260	1120	908	710	846	530
CFSM	.29	.86	.72	1.54	2.15	3.16	1.59	.92	1.41	1.24	.79	.60
IN.	.34	.96	.83	1.78	2.24	3.65	1.77	1.06	1.57	1.43	.91	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	1410	2037	2902	4402	4856	5732	4518	2775	2009	1632	1203	1141																
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1975 - 2001

ANNUAL TOTAL		568762		741236																								
ANNUAL MEAN		1554		2031																								
HIGHEST ANNUAL MEAN																												
LOWEST ANNUAL MEAN																												
HIGHEST DAILY MEAN			18600	Apr 6		12200	Jan 20			44400	Feb 18	1990																
LOWEST DAILY MEAN			363	Oct 31		363	Oct 31			323	Sep 20	1999																
ANNUAL SEVEN-DAY MINIMUM			388	Oct 31		388	Oct 31			352	Jun 27	1988																
MAXIMUM PEAK FLOW						12600	Jan 20			45500	Feb 18	1990																
MAXIMUM PEAK STAGE							17.77	Mar 22		32.59	Feb 18	1990																
ANNUAL RUNOFF (CFSM)		.97					1.27			1.79																		
ANNUAL RUNOFF (INCHES)		13.21					17.21			24.38																		
10 PERCENT EXCEEDS			2730			4100				6410																		
50 PERCENT EXCEEDS			946			1330				1760																		
90 PERCENT EXCEEDS			506			569				589																		

STATISTICS COMPUTED BY: kerestes

DATE: 04/05/2002 AT: 12:20:46

e Estimated

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343442 LONGITUDE 0845629 DRAINAGE AREA 1602 DATUM 604.14 STATE 13 COUNTY 129

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	2.11	1.59	2.67	2.58	6.10	7.71	6.77	3.59	---	5.04	4.93	3.22
2	1.95	1.63	2.54	2.55	5.29	7.16	6.34	3.59	8.77	4.50	4.80	3.95
3	1.89	1.64	2.69	2.51	4.89	6.95	7.72	3.71	8.11	4.18	4.80	5.80
4	1.98	1.70	3.12	2.33	4.62	8.12	9.97	3.57	6.02	5.14	4.45	5.10
5	2.16	1.69	3.14	2.36	4.41	8.53	8.62	3.51	9.12	5.42	4.05	4.49
6	2.21	1.62	2.99	2.40	4.30	8.08	7.57	3.44	---	6.11	3.80	3.89
7	2.20	1.81	3.58	2.49	4.18	7.52	7.04	3.51	7.60	5.08	3.61	3.58
8	2.15	2.85	4.03	2.77	4.11	7.06	6.63	3.85	7.61	4.23	3.50	3.42
9	2.03	7.25	3.95	3.34	4.01	6.71	6.26	4.04	7.43	3.85	3.40	3.23
10	2.03	11.75	3.82	3.46	4.59	6.16	6.06	4.11	7.06	4.68	3.34	2.98
11	2.10	8.98	3.51	3.12	5.35	5.86	5.82	4.16	5.77	4.27	3.27	2.44
12	2.13	4.51	2.68	3.08	5.12	6.35	5.20	4.22	5.29	3.80	3.30	2.28
13	2.12	3.40	2.32	3.44	5.70	11.64	5.34	4.00	5.01	3.34	4.92	2.27
14	1.91	2.99	2.46	3.42	6.32	10.32	6.72	3.71	4.05	2.92	5.36	2.24
15	1.80	2.77	2.71	3.24	6.83	10.93	6.66	3.48	3.16	2.75	4.74	2.23
16	1.65	2.75	3.02	3.10	7.14	14.28	6.50	3.41	3.24	2.63	3.84	2.14
17	1.61	3.38	6.48	3.01	11.77	12.01	6.22	3.37	3.23	2.52	3.49	2.03
18	1.64	3.83	6.55	4.53	12.60	8.48	5.41	3.36	2.93	2.52	3.37	2.05
19	1.65	3.60	5.12	12.30	11.51	7.38	5.08	3.41	3.59	2.47	3.22	2.12
20	1.69	3.36	4.20	17.11	7.61	12.21	4.94	3.46	3.56	2.68	3.04	2.33
21	1.74	3.18	3.68	16.71	6.54	17.47	4.83	3.44	3.52	2.59	3.10	2.92
22	1.72	2.99	3.38	13.19	7.01	17.28	4.69	3.38	3.55	2.84	3.38	2.78
23	1.61	2.86	3.20	6.98	8.48	14.43	4.46	3.42	4.63	3.06	3.08	2.50
24	1.59	2.87	2.98	5.67	7.43	9.59	4.44	3.46	4.38	3.22	2.98	2.57
25	1.62	4.29	2.82	5.07	8.14	8.50	4.43	3.92	3.84	10.25	2.96	2.74
26	1.63	4.54	2.81	4.66	12.17	8.02	4.37	4.54	3.89	15.01	2.91	3.56
27	1.70	4.11	2.90	4.27	11.12	7.52	4.23	4.50	3.73	---	2.79	2.99
28	1.76	3.77	2.89	4.00	8.55	6.53	3.93	4.60	3.93	4.69	2.91	2.61
29	1.73	3.37	2.88	3.71	---	6.46	3.74	6.74	4.95	3.77	3.24	2.44
30	1.66	2.95	2.86	5.28	---	7.58	3.65	6.85	5.77	4.05	3.08	2.45
31	1.56	---	2.73	6.85	---	7.56	---	5.80	---	5.41	2.99	---
MEAN	1.85	3.60	3.38	5.15	7.00	9.17	5.79	4.00	---	---	3.63	2.98
MAX	2.21	11.75	6.55	17.11	12.60	17.47	9.97	6.85	---	---	5.36	5.80
MIN	1.56	1.59	2.32	2.33	4.01	5.86	3.65	3.36	---	---	2.79	2.03

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343442 LONGITUDE 0845629 DRAINAGE AREA 1602 DATUM 604.14 STATE 13 COUNTY 129

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	---	---	---	---	---	---	---	---	.00	.00	.03	.25
2	---	---	---	---	---	---	---	---	.00	.00	.01	.61
3	---	---	---	---	---	---	---	---	.11	.71	.07	.97
4	---	---	---	---	---	---	---	---	.34	.52	.00	.00
5	---	---	---	---	---	---	---	---	---	.17	.02	.00
6	---	---	---	---	---	---	---	---	---	.00	.00	.00
7	---	---	---	---	---	---	---	---	.26	.00	.00	.00
8	---	---	---	---	---	---	---	---	.06	.00	.00	.00
9	---	---	---	---	---	---	---	---	.00	.59	.00	.00
10	---	---	---	---	---	---	---	---	.00	.01	.00	.00
11	---	---	---	---	---	---	---	---	.00	.00	.61	.00
12	---	---	---	---	---	---	---	---	.00	.00	.63	.00
13	---	---	---	---	---	---	---	---	.00	.00	.56	.00
14	---	---	---	---	---	---	---	---	.00	.00	.00	.00
15	---	---	---	---	---	---	---	---	.17	.00	.00	.00
16	---	---	---	---	---	---	---	---	.00	.00	.00	.00
17	---	---	---	---	---	---	---	---	.00	.00	.02	.00
18	---	---	---	---	---	---	---	---	.00	.00	.00	.00
19	---	---	---	---	---	---	---	---	.00	.26	.00	.42
20	---	---	---	---	---	---	---	---	.00	2.52	.00	.01
21	---	---	---	---	---	---	---	---	.00	.00	.00	.00
22	---	---	---	---	---	---	---	---	.63	.00	.00	.00
23	---	---	---	---	---	---	---	---	.00	.99	.00	.00
24	---	---	---	---	---	---	---	---	.00	.05	.00	1.60
25	---	---	---	---	---	---	---	---	.04	1.72	.00	.00
26	---	---	---	---	---	---	---	---	.00	.01	.00	.00
27	---	---	---	---	---	---	---	---	.02	.01	.01	.00
28	---	---	---	---	---	---	---	---	1.00	.02	.00	.00
29	---	---	---	---	---	---	---	---	.58	.25	.00	.00
30	---	---	---	---	---	---	---	---	.11	.00	.04	.00
31	---	---	---	---	---	---	---	---	---	.00	.38	---
TOTAL	---	---	---	---	---	---	---	---	---	7.83	2.38	3.86



**MOBILE RIVER BASIN  
2001 Water Year**

**02387520 OOSTANAULA RIVER NEAR CALHOUN, GA**

**LOCATION.**--Lat 34<sup>0</sup>31'08", Long 84<sup>0</sup>57'16", 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<sup>2</sup>.

**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 sea level (levels by U.S. Army Corps of Engineers).

**REMARKS.**--Station is auxiliary gage for 02387500 Oostanaula River at Resaca.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 20.23 feet, March 21; minimum gage-height recorded, 2.31 feet, October 31.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--May 15, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02387520 OOSTANAULA RIVER AT CALHOUN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343108 LONGITUDE 0845716 DRAINAGE AREA 1624 DATUM STATE 13 COUNTY 129

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	2.90	2.37	3.46	3.32	6.85	8.62	7.57	4.13	5.84	5.71	5.60	3.85
2	2.75	2.41	3.31	3.27	5.99	7.97	7.06	4.13	9.69	5.18	5.37	4.27
3	2.67	2.42	3.42	3.27	5.55	7.71	8.53	4.25	9.49	4.86	5.48	6.47
4	2.75	2.47	3.84	3.08	5.27	8.94	11.41	4.14	6.66	5.73	5.10	5.78
5	2.91	2.48	3.87	3.10	5.06	9.60	9.87	4.08	9.93	5.95	4.71	5.22
6	2.97	2.41	3.75	3.13	4.94	9.00	8.53	4.01	9.40	6.76	4.51	4.60
7	2.96	2.55	4.15	3.22	4.83	8.40	7.87	4.04	8.42	5.83	4.27	4.29
8	2.93	3.39	4.69	3.43	4.75	7.84	7.39	4.29	8.44	4.93	4.22	4.13
9	2.83	7.76	4.62	3.99	4.65	7.46	7.00	4.46	8.13	4.54	4.10	3.97
10	2.80	13.38	4.50	4.15	5.13	6.86	6.75	4.54	7.92	5.19	4.05	3.75
11	2.87	10.61	4.24	3.87	5.93	6.53	6.51	4.59	6.50	4.99	3.98	3.31
12	2.90	5.52	3.55	3.76	5.77	7.05	5.90	4.62	5.96	4.54	3.99	3.21
13	2.90	4.19	3.09	4.10	6.23	13.08	5.96	4.44	5.68	4.09	5.39	3.19
14	2.73	3.76	3.19	4.11	6.96	12.13	7.24	4.17	4.89	3.71	5.96	3.16
15	2.60	3.54	3.43	3.95	7.47	12.36	7.52	3.97	3.93	3.51	5.46	3.14
16	2.47	3.50	3.70	3.80	7.84	16.17	7.19	3.89	3.97	3.42	4.56	3.12
17	2.40	3.99	6.95	3.72	12.88	14.11	6.99	3.86	4.00	3.29	4.20	3.08
18	2.43	4.53	7.48	4.98	14.23	9.79	6.09	3.82	3.71	3.29	4.07	3.05
19	2.43	4.31	5.95	13.60	13.24	8.31	5.70	3.85	4.22	3.27	3.95	3.04
20	2.46	4.09	4.94	19.17	8.77	13.84	5.46	3.86	4.28	3.43	3.80	3.05
21	2.51	3.92	4.41	18.91	7.32	20.02	5.34	3.81	4.23	3.36	3.77	3.59
22	2.50	3.74	4.10	15.57	7.73	19.69	5.20	3.76	4.24	3.52	4.11	3.59
23	2.41	3.61	3.93	8.28	9.42	16.99	5.02	3.78	5.17	3.79	3.84	3.30
24	2.37	3.61	3.72	6.42	8.44	11.23	4.97	3.82	5.11	3.90	3.74	3.35
25	2.40	4.83	3.55	5.77	8.90	9.58	4.96	4.18	4.54	10.24	3.69	3.46
26	2.41	5.28	3.54	5.33	13.62	8.99	4.89	4.75	4.57	16.43	3.67	4.21
27	2.46	4.80	3.59	4.95	12.85	8.43	4.78	4.81	4.44	---	3.57	3.80
28	2.53	4.52	3.60	4.67	9.76	7.34	4.50	4.76	4.56	5.62	3.53	3.41
29	2.50	4.11	3.59	4.40	---	7.19	4.31	6.81	5.46	4.51	3.86	3.23
30	2.47	3.73	3.57	5.72	---	8.37	4.20	7.12	6.36	4.60	3.87	3.23
31	2.34	---	3.46	7.58	---	8.47	---	6.13	---	5.95	3.74	---
MEAN	2.63	4.39	4.10	6.02	7.87	10.39	6.49	4.42	5.99	---	4.33	3.76
MAX	2.97	13.38	7.48	19.17	14.23	20.02	11.41	7.12	9.93	---	5.96	6.47
MIN	2.34	2.37	3.09	3.08	4.65	6.53	4.20	3.76	3.71	---	3.53	3.04

STATION NUMBER 02387520 OOSTANAULA RIVER AT CALHOUN, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 343108 LONGITUDE 0845716 DRAINAGE AREA 1624 DATUM STATE 13 COUNTY 129

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

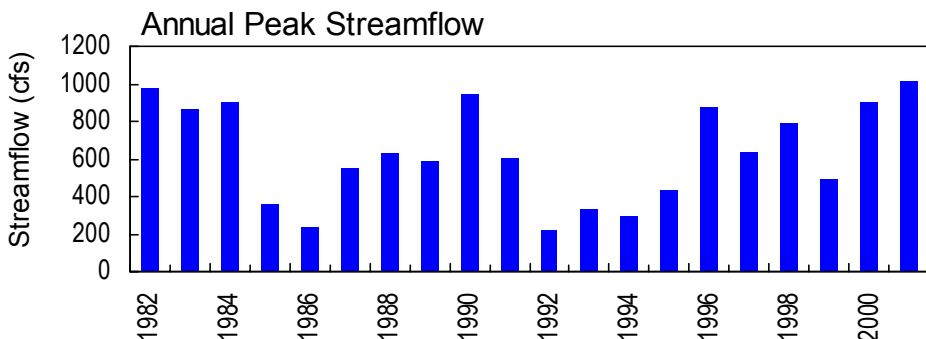
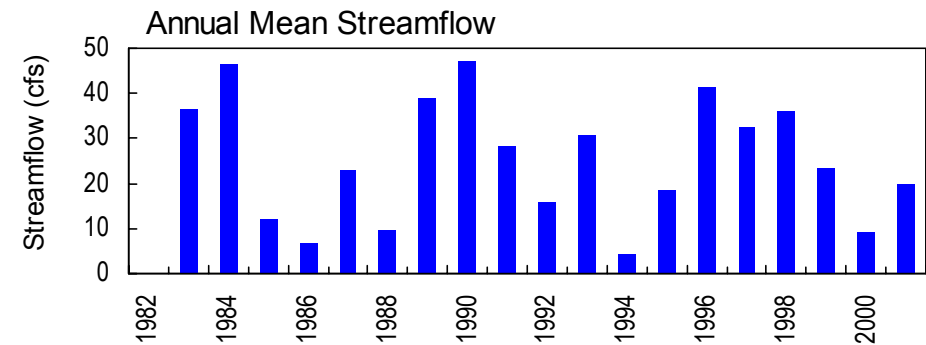
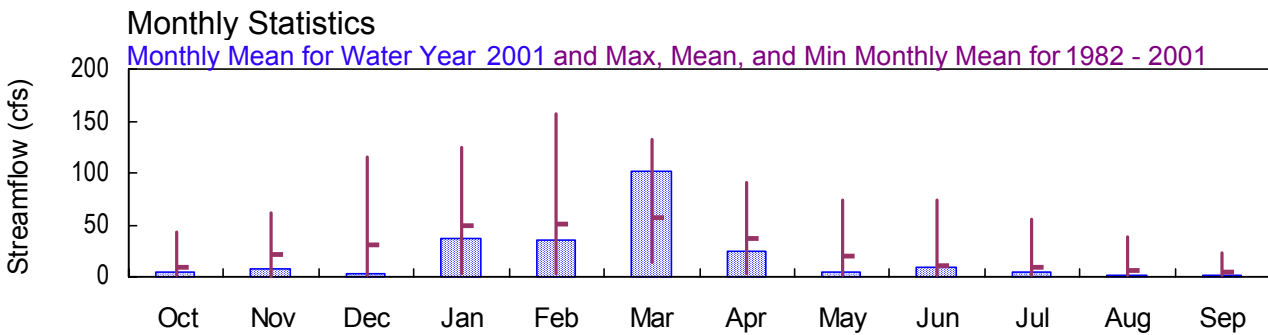
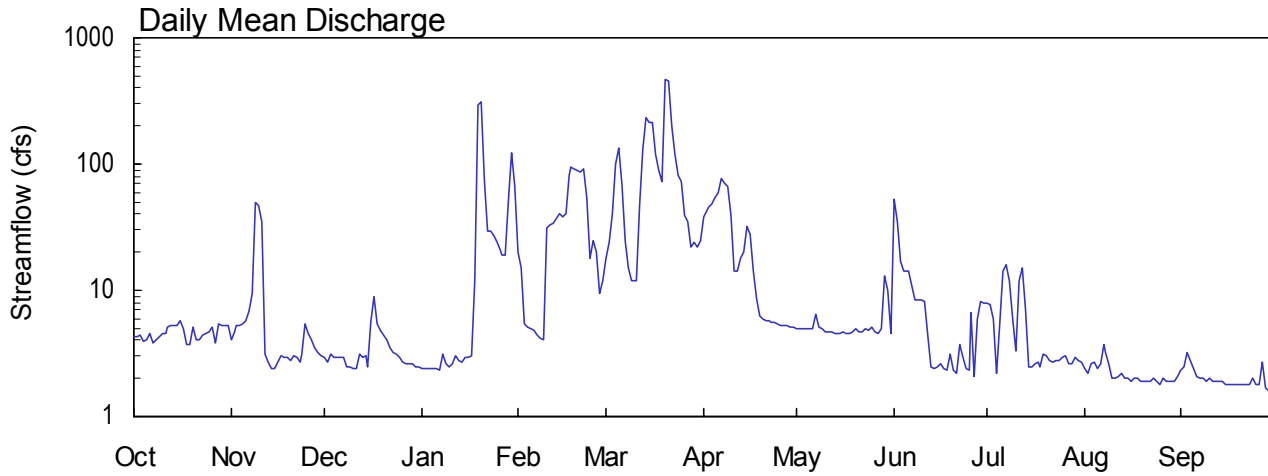
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	1.30	.01	.00	.17
2	---	---	---	---	---	---	---	---	.00	.00	.08	.75
3	---	---	---	---	---	---	---	---	.07	.93	.15	.86
4	---	---	---	---	---	---	---	---	1.25	.41	.00	.01
5	---	---	---	---	---	---	---	---	.00	.18	.00	.00
6	---	---	---	---	---	---	---	---	.00	.01	.00	.00
7	---	---	---	---	---	---	---	---	.17	.00	.01	.00
8	---	---	---	---	---	---	---	---	.11	.00	.00	.00
9	---	---	---	---	---	---	---	---	.00	.32	.00	.00
10	---	---	---	---	---	---	---	---	.00	.00	.01	.00
11	---	---	---	---	---	---	---	---	.00	.00	.50	.00
12	---	---	---	---	---	---	---	---	.00	.00	1.82	.00
13	---	---	---	---	---	---	---	---	.00	.00	.18	.00
14	---	---	---	---	---	---	---	---	.00	.00	.00	.00
15	---	---	---	---	---	---	---	.00	.18	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.11	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	.26	.00	.39	.08	.18
20	---	---	---	---	---	---	---	.01	.00	.11	.00	.09
21	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
22	---	---	---	---	---	---	---	.37	.93	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.29	.00	.00
24	---	---	---	---	---	---	---	.32	.00	.00	.00	.89
25	---	---	---	---	---	---	---	.50	.00	1.01	.00	.00
26	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
27	---	---	---	---	---	---	---	.00	.04	---	.01	.00
28	---	---	---	---	---	---	---	1.00	.49	.00	.00	.00
29	---	---	---	---	---	---	---	.01	.18	.57	.00	.00
30	---	---	---	---	---	---	---	.00	.02	.00	.80	.00
31	---	---	---	---	---	---	---	.33	---	.00	.35	---
TOTAL	---	---	---	---	---	---	---	---	4.74	---	4.10	2.95

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 637 feet Period of Record: 1982 - 2001



USGS 02388320 HEATH CREEK NEAR ARMUCHEE, GA

**MOBILE RIVER BASIN  
2001 Water Year**

**02388320 HEATH CREEK NEAR ARMUCHEE, GA**

**LOCATION.**--Lat 34°21'18", long 85°15'50", 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<sup>2</sup>.

**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 637.00 feet above sea level (levels by Georgia Power Company).

**REMARKS.**--Records good. 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 637.00 feet above sea level (levels by Georgia Power Company).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 8.07 feet, March 20; minimum gage-height recorded, 1.23 feet, August 27, September 15, 28, 29.

STATION NUMBER 02388320 HEATH CREEK NEAR ARMUCHEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 342218 LONGITUDE 0851550 DRAINAGE AREA 16.60 DATUM 637.01 STATE 13 COUNTY 115

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	4.3	4.0	2.9	2.4	20	18	38	5.0	52	7.9	2.4	2.3
2	4.3	4.7	2.7	2.4	15	24	40	5.0	35	7.8	2.2	2.5
3	4.4	5.2	3.1	2.4	5.4	40	46	5.0	17	5.9	2.6	3.2
4	3.9	5.3	2.9	2.4	5.1	101	48	5.0	14	2.2	2.7	2.8
5	4.1	5.5	2.9	2.4	4.9	135	55	4.9	14	5.4	2.4	2.4
6	4.6	5.7	2.9	2.4	4.8	68	60	4.9	14	14	2.6	2.1
7	3.8	6.8	2.9	2.3	4.4	25	77	6.4	11	16	3.7	2.0
8	4.0	9.4	2.5	3.1	4.2	15	70	5.1	8.3	12	3.2	2.0
9	4.3	50	2.5	2.6	4.1	12	66	4.9	8.3	6.1	2.6	1.9
10	4.6	47	2.4	2.5	31	12	39	4.7	8.3	3.3	2.0	2.0
11	4.6	35	2.4	2.6	33	12	14	4.7	8.1	12	2.0	1.9
12	5.1	3.1	3.1	3.0	34	47	14	4.7	4.4	15	2.1	1.9
13	5.2	2.7	2.9	2.8	37	130	18	4.6	2.5	7.1	2.2	1.9
14	5.2	2.4	3.0	2.7	40	231	20	4.6	2.4	2.5	2.0	1.9
15	5.2	2.4	2.5	2.9	38	214	32	4.6	2.5	2.5	2.0	1.8
16	5.7	2.7	5.6	2.9	40	215	28	4.7	2.6	2.6	1.9	1.8
17	4.9	3.0	8.8	3.0	82	120	14	4.6	2.4	2.7	2.0	1.8
18	3.7	2.9	5.4	12	93	88	8.6	4.5	2.3	2.5	2.0	1.8
19	3.7	2.9	4.8	290	92	73	6.2	4.7	3.1	3.1	1.9	1.8
20	5.1	2.8	4.4	312	90	471	6.0	5.0	2.3	3.0	1.9	1.8
21	4.0	3.0	4.0	75	86	453	5.8	4.7	2.2	2.8	1.9	1.8
22	4.0	2.9	3.5	29	92	203	5.8	4.7	3.7	2.7	1.9	1.8
23	4.4	2.7	3.2	29	54	120	5.6	5.0	2.9	2.8	2.0	1.8
24	4.6	3.1	3.1	27	18	81	5.6	4.8	2.4	2.8	1.9	2.0
25	4.7	5.5	2.9	24	25	72	5.5	5.1	2.3	2.9	1.8	1.8
26	5.1	4.6	2.7	21	20	39	5.3	4.7	6.6	3.0	2.0	1.8
27	3.8	4.0	2.6	19	9.5	35	5.3	4.5	2.1	2.6	1.9	2.7
28	5.4	3.5	2.6	19	12	22	5.2	5.0	5.9	2.6	1.9	1.7
29	5.3	3.2	2.6	51	---	24	5.1	13	8.1	2.9	1.9	1.6
30	5.2	3.0	2.5	123	---	22	5.1	10	7.9	2.8	1.9	1.6
31	5.2	---	2.5	66	---	25	---	4.6	---	2.7	2.1	---
TOTAL	142.4	239.0	102.8	1141.8	994.4	3147	754.1	163.7	258.6	164.2	67.6	60.2
MEAN	4.59	7.97	3.32	36.8	35.5	102	25.1	5.28	8.62	5.30	2.18	2.01
MAX	5.7	50	8.8	312	93	471	77	13	52	16	3.7	3.2
MIN	3.7	2.4	2.4	2.3	4.1	12	5.1	4.5	2.1	2.2	1.8	1.6
CFSM	.28	.48	.20	2.22	2.14	6.12	1.51	.32	.52	.32	.13	.12
IN.	.32	.54	.23	2.56	2.23	7.05	1.69	.37	.58	.37	.15	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2001, BY WATER YEAR (WY)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	9.23	21.8	31.2	49.3	51.1	56.2	37.5	19.3	11.3	8.91	6.11	5.36								
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	.93	.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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1982 - 2001

ANNUAL TOTAL	3518.5	7235.8		
ANNUAL MEAN	9.61	19.8	25.3	
HIGHEST ANNUAL MEAN			47.2	1990
LOWEST ANNUAL MEAN			4.36	1994
HIGHEST DAILY MEAN	599	Apr 3	471	Mar 20
LOWEST DAILY MEAN	1.7	Jul 10	1.6	Sep 29
ANNUAL SEVEN-DAY MINIMUM	1.8	Jul 14	1.8	Sep 15
MAXIMUM PEAK FLOW			1010	Mar 20
MAXIMUM PEAK STAGE			8.07	Mar 20
ANNUAL RUNOFF (CFSM)	.58		1.19	
ANNUAL RUNOFF (INCHES)	7.88		16.22	
10 PERCENT EXCEEDS	14		49	
50 PERCENT EXCEEDS	3.0		4.6	
90 PERCENT EXCEEDS	2.1		2.0	

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/09/2002 AT: 14:16:26

STATION NUMBER 02388320 HEATH CREEK NEAR ARMUCHEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 342218 LONGITUDE 0851550 DRAINAGE AREA 16.60 DATUM 637.01 STATE 13 COUNTY 115

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

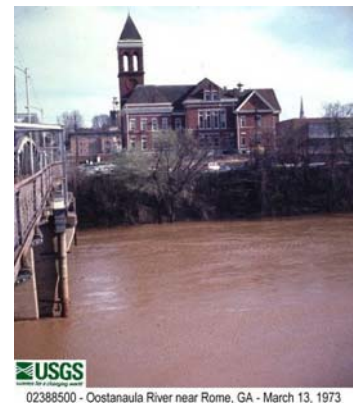
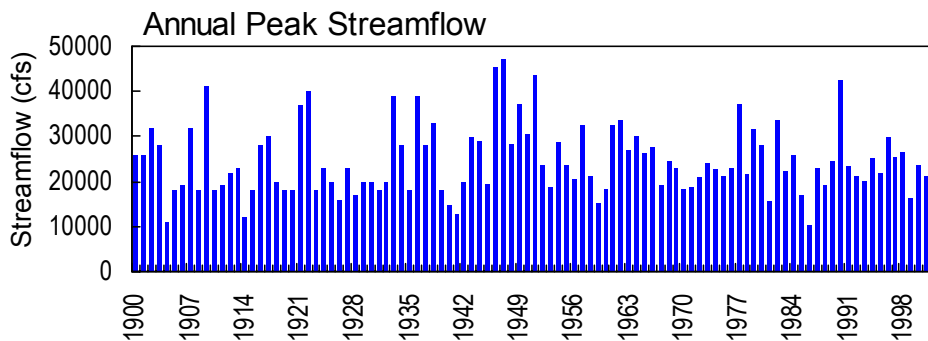
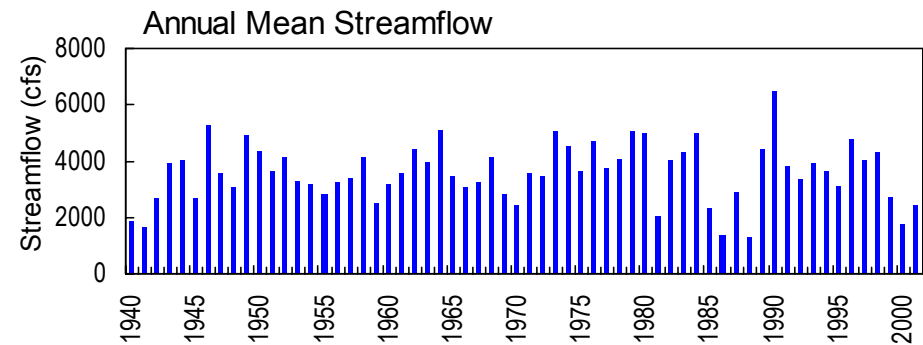
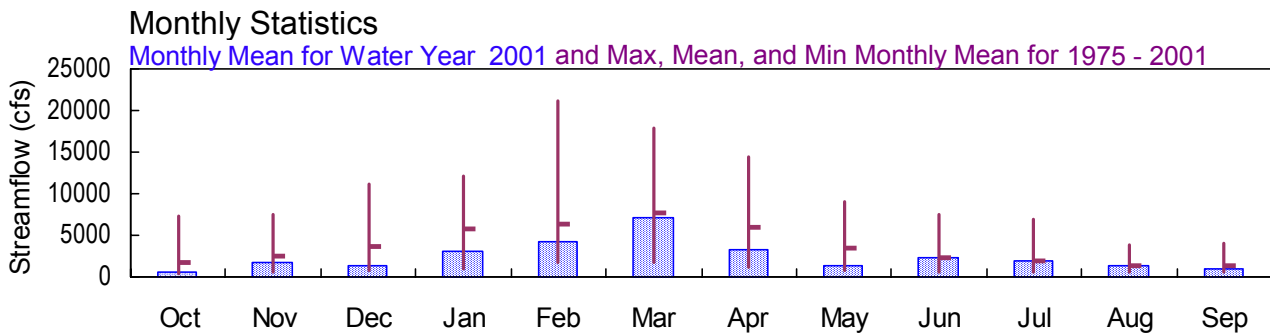
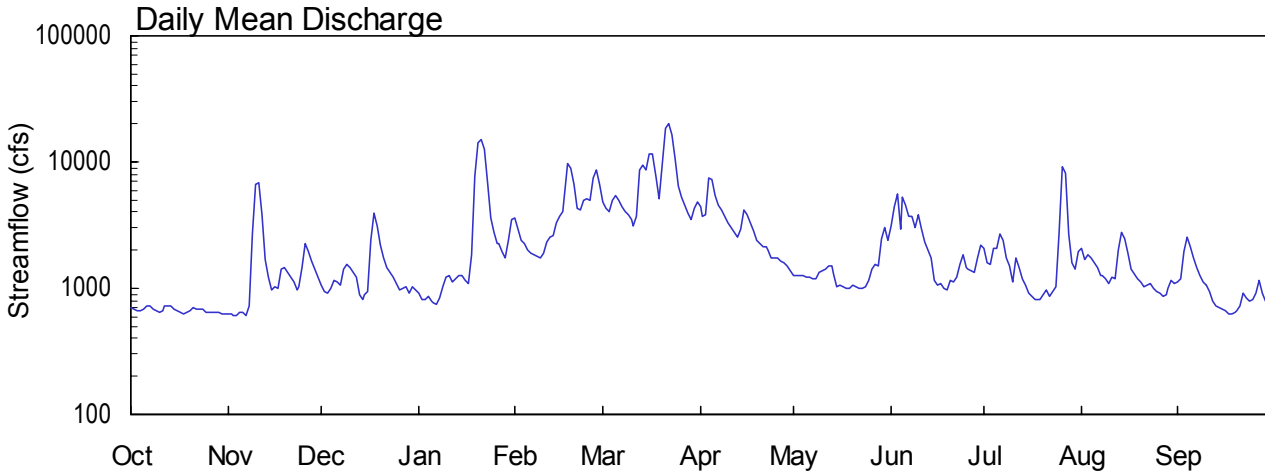
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.46	1.44	1.49	1.47	1.97	1.91	2.16	1.43	2.05	1.63	1.30	1.29
2	1.46	1.47	1.49	1.47	1.86	2.05	2.18	1.43	2.08	1.63	1.29	1.30
3	1.46	1.49	1.50	1.47	1.55	2.22	2.26	1.43	1.86	1.54	1.31	1.35
4	1.44	1.49	1.49	1.47	1.54	2.83	2.28	1.43	1.81	1.35	1.32	1.32
5	1.45	1.50	1.49	1.47	1.52	3.18	2.36	1.43	1.81	1.47	1.30	1.30
6	1.47	1.50	1.49	1.47	1.52	2.53	2.41	1.42	1.80	1.81	1.31	1.28
7	1.44	1.53	1.49	1.46	1.50	2.05	2.60	1.49	1.72	1.81	1.37	1.27
8	1.45	1.61	1.48	1.50	1.49	1.85	2.52	1.43	1.65	1.70	1.35	1.27
9	1.46	2.25	1.48	1.48	1.49	1.79	2.47	1.43	1.65	1.48	1.31	1.26
10	1.47	2.26	1.47	1.48	2.14	1.79	2.12	1.42	1.65	1.35	1.27	1.27
11	1.47	2.12	1.47	1.48	2.18	1.77	1.72	1.41	1.64	1.68	1.27	1.27
12	1.49	1.50	1.51	1.50	2.19	2.20	1.75	1.41	1.46	1.79	1.28	1.26
13	1.49	1.49	1.49	1.49	2.23	3.11	1.82	1.41	1.37	1.49	1.29	1.27
14	1.49	1.47	1.50	1.48	2.26	4.10	1.87	1.41	1.36	1.31	1.28	1.26
15	1.49	1.47	1.48	1.49	2.24	3.94	2.05	1.41	1.37	1.30	1.27	1.25
16	1.51	1.48	1.59	1.49	2.26	3.96	2.01	1.41	1.37	1.31	1.26	1.25
17	1.48	1.50	1.72	1.50	2.65	3.03	1.74	1.41	1.36	1.32	1.27	1.26
18	1.43	1.49	1.61	1.77	2.76	2.71	1.57	1.41	1.35	1.30	1.27	1.26
19	1.43	1.49	1.59	4.23	2.75	2.54	1.48	1.42	1.40	1.34	1.27	1.26
20	1.48	1.49	1.57	4.61	2.73	5.47	1.48	1.43	1.35	1.34	1.26	1.26
21	1.45	1.50	1.55	2.58	2.69	5.61	1.47	1.41	1.34	1.33	1.26	1.25
22	1.45	1.49	1.53	2.10	2.75	3.82	1.47	1.42	1.43	1.32	1.26	1.25
23	1.46	1.48	1.51	2.09	2.34	3.02	1.46	1.43	1.39	1.32	1.27	1.26
24	1.47	1.51	1.50	2.06	1.93	2.63	1.46	1.42	1.36	1.32	1.26	1.27
25	1.47	1.61	1.49	2.00	2.07	2.53	1.45	1.43	1.35	1.33	1.25	1.26
26	1.49	1.58	1.48	1.95	1.94	2.17	1.45	1.41	1.53	1.34	1.27	1.25
27	1.43	1.55	1.48	1.91	1.71	2.11	1.44	1.41	1.34	1.31	1.27	1.32
28	1.49	1.53	1.48	1.91	1.80	1.91	1.44	1.43	1.53	1.31	1.27	1.25
29	1.49	1.51	1.48	2.25	---	1.94	1.44	1.70	1.64	1.33	1.26	1.24
30	1.49	1.50	1.47	3.06	---	1.92	1.43	1.63	1.63	1.32	1.26	1.24
31	1.49	---	1.47	2.47	---	1.96	---	1.41	---	1.32	1.28	---
MEAN	1.47	1.58	1.51	1.94	2.07	2.73	1.85	1.44	1.56	1.44	1.28	1.27
MAX	1.51	2.26	1.72	4.61	2.76	5.61	2.60	1.70	2.08	1.81	1.37	1.35
MIN	1.43	1.44	1.47	1.46	1.49	1.77	1.43	1.41	1.34	1.30	1.25	1.24

# MOBILE RIVER BASIN

## 2001 Water Year

### 02388500 OOSTANAULA RIVER NEAR ROME, GA

Latitude: 34° 18' 02" Longitude: 85° 08' 30" Hydrologic Unit Code: 03150103 Floyd County  
 Drainage Area: 2120 mi<sup>2</sup> Datum: 561.7 feet Period of Record: 1975 - 2001



02388500 - Oostanaula River near Rome, GA - March 13, 1973



**MOBILE RIVER BASIN  
2001 Water Year**

**02388500 OOSTANAULA RIVER NEAR ROME, GA**

**LOCATION.**--Lat 34°18'02", long 85°08'30", 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.**--2,120 mi<sup>2</sup>.

**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 sea level. From Oct. 1, 1939, to Dec. 7, 1950, water-stage recorder was located at site 3.2 miles downstream at same datum. Since Oct. 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, Jan. 1, 1897, to Dec. 31, 1903.

**REMARKS.**--Records good. Flow regulated by Carters Lake and Carters Re-regulation Dam since 1975.

**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 sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 27.56 feet, March 21; minimum gage-height recorded, 4.02 feet, October 26, November 1.

STATION NUMBER 02388500 OOSTANULA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341802 LONGITUDE 0850830 DRAINAGE AREA 2115 DATUM 561.70 STATE 13 COUNTY 115

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	1050	912	3560	4810	4390	1270	3080	2070	2050	1130
2	678	630	957	826	2940	4270	3670	1250	4410	1610	1700	1190
3	659	608	921	826	2430	4100	3790	1250	5630	1530	1860	1960
4	660	612	1000	853	2250	4990	7580	1270	2940	2090	1730	2570
5	676	651	1170	794	2000	5460	7160	1220	5230	2050	1600	2150
6	726	643	1130	774	1890	4980	5380	1210	4610	2720	1480	1750
7	728	610	1070	754	1860	4470	4510	1190	3670	2380	1280	1460
8	685	730	1420	841	1770	4040	4180	1190	3700	1740	1250	1280
9	665	2660	1560	1040	1730	3770	3750	1320	3070	1500	1190	1130
10	645	6740	1460	1210	1910	3490	3260	1380	3840	1120	1090	1050
11	663	6900	1320	1270	2360	3140	3040	1420	2930	1740	1210	934
12	728	3860	1220	1130	2520	3680	2770	1500	2350	1470	1180	781
13	717	1710	896	1190	2590	8590	2570	1490	2000	1200	1990	717
14	735	1210	805	1280	3310	9440	2950	1310	1740	1050	2790	701
15	679	984	884	1260	3690	8620	4150	1020	1170	923	2480	685
16	674	1020	954	1170	4000	11500	3810	1050	1050	875	1900	662
17	647	1000	2400	1100	7290	11500	3340	1030	1100	816	1410	631
18	636	1430	3940	1840	9620	7780	2830	998	1010	804	1300	628
19	651	1470	3160	7750	9000	5140	2430	1010	971	804	1190	641
20	667	1320	2210	14200	6580	9820	2240	1050	1170	878	1120	674
21	705	1230	1730	15000	4290	18500	2140	1020	1130	964	1030	731
22	685	1120	1460	12800	4170	19900	2120	1000	1210	874	1070	911
23	683	972	1320	6920	4970	16400	1990	988	1550	942	1090	841
24	677	1030	1210	3570	5110	10500	1740	1020	1850	1030	992	800
25	648	1480	1080	2790	4940	6440	1750	1150	1470	2770	951	822
26	639	2250	959	2280	7560	5280	1730	1400	1400	9080	914	920
27	640	1950	1010	2260	8690	4570	1650	1560	1370	8150	877	1150
28	644	1660	1040	1940	6680	3980	1580	1510	1320	2710	896	927
29	642	1430	927	1730	---	3540	1490	2500	1750	1600	1010	782
30	634	1210	1040	2370	---	4340	1370	3050	2220	1420	1160	704
31	628	---	985	3460	---	4760	---	2400	---	1930	1100	---
TOTAL	20842	49756	42288	96140	119710	221800	95360	42026	70941	60840	42890	31312
MEAN	672	1659	1364	3101	4275	7155	3179	1356	2365	1963	1384	1044
MAX	735	6900	3940	15000	9620	19900	7580	3050	5630	9080	2790	2570
MIN	628	608	805	754	1730	3140	1370	988	971	804	877	628
CFSM	.32	.78	.64	1.47	2.02	3.38	1.50	.64	1.12	.93	.65	.49
IN.	.37	.88	.74	1.69	2.11	3.90	1.68	.74	1.25	1.07	.75	.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	1722	2489	3579	5718	6394	7637	5883	3398	2319	1919	1414	1344																
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		690017		893905																								
ANNUAL MEAN		1885		2449																								
HIGHEST ANNUAL MEAN																												
LOWEST ANNUAL MEAN																												
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	Oct 29		627	Oct 29		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)				.89				1.16			1.72																	
ANNUAL RUNOFF (INCHES)				12.14				15.72			23.37																	
10 PERCENT EXCEEDS				3100				5120			8360																	
50 PERCENT EXCEEDS				1130				1420			2060																	
90 PERCENT EXCEEDS				677				685			691																	

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/09/2002 AT: 14:17:25

STATION NUMBER 02388500 OOSTANAUVA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341802 LONGITUDE 0850830 DRAINAGE AREA 2115 DATUM 561.70 STATE 13 COUNTY 115

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	4.23	4.04	5.91	5.13	10.08	11.84	10.51	6.33	11.16	9.49	8.10	5.78
2	4.17	4.05	5.64	5.05	8.96	10.99	9.80	6.20	11.76	8.13	7.75	5.62
3	4.40	4.24	5.02	5.46	8.25	10.65	10.49	6.10	12.96	7.67	7.60	6.88
4	4.72	4.30	5.41	5.24	7.64	11.74	13.97	6.15	11.89	8.93	7.36	8.03
5	4.66	4.09	6.40	4.91	7.44	12.73	13.58	5.85	12.98	9.06	6.41	7.61
6	4.81	4.06	6.12	4.72	7.41	12.54	12.50	5.64	13.43	9.51	6.33	6.94
7	4.80	4.31	5.94	4.61	7.08	11.79	11.91	5.62	12.30	9.35	6.23	6.57
8	4.19	4.83	6.50	4.85	6.84	10.95	10.52	5.88	11.94	8.43	6.24	6.07
9	4.17	8.50	6.39	5.43	6.65	10.10	9.92	5.99	11.24	8.18	6.47	5.46
10	4.70	14.26	6.08	5.90	6.89	9.52	10.56	6.17	9.85	7.73	6.53	5.49
11	4.74	13.21	5.96	5.92	7.57	8.77	9.78	6.05	8.73	7.65	5.86	5.66
12	4.71	9.67	5.99	5.53	7.99	9.63	9.84	6.21	7.92	6.86	5.57	5.10
13	4.88	6.57	5.36	5.59	8.38	16.64	9.41	6.14	7.99	6.56	6.97	4.68
14	4.84	5.97	4.98	5.75	9.24	16.63	9.29	5.80	7.46	5.73	8.45	4.86
15	4.18	5.49	5.10	5.70	9.52	16.83	10.04	5.75	6.51	5.03	8.00	4.93
16	4.16	5.58	5.25	5.53	9.93	20.06	9.84	5.61	6.20	4.92	7.07	4.35
17	4.20	5.69	7.58	5.40	13.56	18.69	10.06	5.54	5.71	5.12	6.89	4.26
18	4.19	6.20	9.93	6.70	15.87	14.56	9.50	5.49	5.45	5.06	5.83	4.88
19	4.24	6.09	9.13	14.28	15.35	11.81	8.88	5.53	5.98	5.05	5.56	4.88
20	4.19	5.98	7.81	21.60	13.34	18.86	8.51	5.37	6.22	5.10	5.43	4.56
21	4.26	5.95	7.09	20.86	10.50	26.93	7.71	5.51	6.03	5.23	5.40	4.77
22	4.19	5.68	6.65	18.78	10.35	26.06	7.25	5.59	6.19	4.92	5.51	5.21
23	4.19	6.12	6.23	14.73	11.62	22.89	7.02	5.51	6.74	5.07	6.04	4.93
24	4.18	5.65	5.61	10.25	11.45	18.23	7.50	5.86	6.93	5.51	5.68	4.74
25	4.10	6.37	5.35	8.94	11.42	13.19	7.46	5.77	6.34	8.12	5.54	5.03
26	4.05	7.42	5.25	8.81	15.42	11.93	7.13	6.20	6.52	15.79	5.01	5.20
27	4.05	7.07	5.59	7.86	16.06	11.87	7.17	6.26	6.23	15.55	4.92	5.67
28	4.07	6.81	5.69	6.99	13.76	11.17	6.76	6.31	6.45	9.87	5.31	5.19
29	4.06	6.65	5.55	6.72	---	10.75	6.17	8.36	7.43	6.62	5.43	5.10
30	4.03	6.44	5.86	8.39	---	11.92	5.94	10.04	9.22	6.53	6.10	4.48
31	4.05	---	5.17	10.23	---	11.92	---	9.71	---	7.77	5.71	---
MEAN	4.34	6.38	6.15	8.25	10.31	14.26	9.30	6.21	8.53	7.57	6.30	5.43
MAX	4.88	14.26	9.93	21.60	16.06	26.93	13.97	10.04	13.43	15.79	8.45	8.03
MIN	4.03	4.04	4.98	4.61	6.65	8.77	5.94	5.37	5.45	4.92	4.92	4.26

**MOBILE RIVER BASIN  
2001 Water Year**

**023888525 OOSTANAULA RIVER AT US 27, AT ROME, GA**

**LOCATION.**--Lat 34<sup>0</sup>15'38", Long 85<sup>0</sup>10'15", Floyd County, Hydrologic Unit 03150103, on downstream side of US Highway 27 bridge (Turner-McCall Blvd.), 0.3 miles above confluence with the Etowah River.

**DRAINAGE AREA.**--2,149 mi<sup>2</sup>.

**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.

**REMARKS.**--Station is auxiliary gage for 02388500 Oostanaula River at Rome.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded 24.62 feet on March 21; minimum gage-height recorded, 2.25 feet on October 23.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--May 13, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02388525 OOSTANAULA RIVER AT US 27, AT ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341538 LONGITUDE 0851015 DRAINAGE AREA 2149 DATUM 561.70 STATE 13 COUNTY 115

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	2.80	2.72	4.82	3.75	7.86	9.37	7.56	5.03	9.85	8.41	6.52	4.64
2	2.64	2.88	4.56	3.92	6.77	8.54	7.19	4.86	9.62	7.09	6.46	4.16
3	3.41	3.27	3.43	---	6.27	8.16	8.29	4.68	10.42	6.57	6.01	4.59
4	3.92	3.39	3.87	---	5.46	9.01	10.31	4.72	10.83	7.50	5.82	5.73
5	3.82	2.59	5.35	3.68	5.55	10.19	10.04	4.33	10.78	7.91	4.46	5.76
6	3.92	2.40	4.99	3.38	5.71	10.33	9.88	3.99	11.84	7.88	4.58	5.31
7	3.91	3.31	4.82	3.07	5.20	9.64	9.72	3.98	10.94	8.01	4.83	5.22
8	2.72	4.01	5.06	3.34	4.92	8.73	7.83	4.46	10.45	7.37	4.87	4.67
9	2.69	6.79	4.46	4.01	4.66	7.62	7.33	4.36	9.95	7.28	5.27	3.63
10	4.05	11.55	3.98	4.41	---	6.95	8.88	4.54	7.08	6.96	5.52	4.04
11	4.06	9.58	4.09	4.32	---	6.08	7.93	4.21	6.36	6.28	4.34	4.51
12	3.87	6.79	4.53	3.91	5.61	6.98	8.29	4.32	5.81	5.49	3.86	4.02
13	4.12	4.58	---	3.86	6.25	13.94	7.88	4.22	6.45	5.46	4.42	3.52
14	4.00	4.57	---	3.87	6.70	13.35	7.26	3.99	6.02	4.52	5.97	3.84
15	2.54	4.20	---	3.82	6.64	14.17	6.98	4.57	5.49	3.58	5.66	3.96
16	2.35	4.26	3.82	3.70	6.93	17.40	7.10	4.29	5.21	3.46	5.06	2.94
17	3.11	4.51	5.03	3.62	9.69	15.34	8.08	4.21	---	4.03	5.57	2.87
18	3.10	4.46	6.88	4.59	11.76	11.22	7.79	4.21	4.16	3.95	---	4.02
19	2.95	4.11	6.72	11.02	---	8.95	7.30	4.25	4.97	3.92	---	3.99
20	3.02	4.30	5.84	18.43	10.20	16.63	6.95	3.92	5.04	3.80	---	3.47
21	3.05	4.50	5.45	16.87	7.66	24.25	5.79	4.20	4.83	3.80	---	3.63
22	2.52	4.26	5.23	14.70	7.54	22.59	4.99	4.37	4.93	3.43	4.03	3.88
23	2.35	5.27	4.79	12.23	8.84	19.32	4.82	4.27	5.17	3.41	4.81	3.57
24	2.76	4.38	3.79	8.13	8.37	15.26	6.08	4.71	4.93	4.11	4.48	3.32
25	2.86	4.64	3.60	6.93	8.52	10.04	5.99	4.36	4.67	5.35	4.34	3.79
26	2.73	4.99	3.71	7.34	12.77	9.01	5.51	4.54	5.10	12.18	3.31	3.92
27	2.73	4.99	4.33	5.85	12.96	9.65	5.70	4.23	4.70	---	3.24	4.13
28	2.83	5.09	4.48	---	10.79	9.14	5.16	4.51	5.15	8.50	4.17	3.77
29	2.39	5.29	4.49	---	---	8.94	4.27	6.38	6.01	4.90	4.20	4.01
30	2.34	5.35	4.74	6.63	---	9.95	4.12	8.30	7.99	5.04	5.03	2.91
31	2.80	---	3.60	8.21	---	9.54	---	8.43	---	6.16	4.58	---
MEAN	3.11	4.77	---	---	---	11.62	7.17	4.69	---	---	---	4.06
MAX	4.12	11.55	---	---	---	24.25	10.31	8.43	---	---	---	5.76
MIN	2.34	2.40	---	---	---	6.08	4.12	3.92	---	---	---	2.87

STATION NUMBER 02388525 OOSTANAULA RIVER AT US 27, AT ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341538 LONGITUDE 0851015 DRAINAGE AREA 2149 DATUM 561.70 STATE 13 COUNTY 115

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	---	---	---	---	---	---	---	---	2.09	.00	.00	.17
2	---	---	---	---	---	---	---	---	.00	.00	.00	.65
3	---	---	---	---	---	---	---	---	1.48	.36	.22	.29
4	---	---	---	---	---	---	---	---	.21	1.05	.01	.00
5	---	---	---	---	---	---	---	---	.00	.57	.08	.00
6	---	---	---	---	---	---	---	---	.02	.00	.07	.00
7	---	---	---	---	---	---	---	---	.15	.00	.76	.00
8	---	---	---	---	---	---	---	---	.12	.00	.00	.00
9	---	---	---	---	---	---	---	---	.00	1.59	.00	.00
10	---	---	---	---	---	---	---	---	.00	.37	.00	.00
11	---	---	---	---	---	---	---	---	.00	.01	.62	.00
12	---	---	---	---	---	---	---	---	.00	.00	.29	.00
13	---	---	---	---	---	---	---	---	.00	.00	.13	.00
14	---	---	---	---	---	---	---	---	.00	.00	.00	.00
15	---	---	---	---	---	---	---	---	.45	.00	.00	.00
16	---	---	---	---	---	---	---	---	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.70	.00
18	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
19	---	---	---	---	---	---	---	1.24	.00	.00	.20	.22
20	---	---	---	---	---	---	---	.00	.00	.06	.00	.01
21	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
22	---	---	---	---	---	---	---	.29	1.09	.00	.00	.00
23	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
24	---	---	---	---	---	---	---	.54	.00	.00	.00	.69
25	---	---	---	---	---	---	---	.20	.31	.21	.00	.00
26	---	---	---	---	---	---	---	.00	.00	.01	.00	---
27	---	---	---	---	---	---	---	.00	.00	.00	.00	---
28	---	---	---	---	---	---	---	1.77	1.38	.11	.00	---
29	---	---	---	---	---	---	---	.01	.62	.30	.00	---
30	---	---	---	---	---	---	---	.00	.34	.17	.12	---
31	---	---	---	---	---	---	---	.26	---	.00	1.44	---
TOTAL	---	---	---	---	---	---	---	---	8.26	4.81	4.64	---

**MOBILE RIVER BASIN  
2001 Water Year**

**02390050 ETOWAH RIVER AT KELLY BRIDGE ROAD, NEAR MATT, GA**

**LOCATION.**--Lat 34<sup>0</sup>21'08", Long 84<sup>0</sup>12'23", 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<sup>2</sup>.

**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 feet (from topographic map).

**RATING.**--Rating Number 03, effective October 2000 to current water year.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

<b><u>DATE</u></b>	<b><u>GAGE-HEIGHT (feet)</u></b>	<b><u>DISCHARGE (ft<sup>3</sup>/s)</u></b>
01/30/01	1.98	608
04/26/01	1.49	434
07/12/01	1.25	280
09/06/01	1.25	324

**MOBILE RIVER BASIN  
2001 Water Year**

**02390063 YELLOW CREEK AT COWART ROAD, NEAR MATT, GA**

**LOCATION.**--Lat 34<sup>0</sup>21'24", Long 84<sup>0</sup>15'07", 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, GA.

**DRAINAGE AREA.**--15.1 mi<sup>2</sup>.

**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 feet (from topographic map).

**RATING.**--Rating Number 2, effective October 1999 to current water year.

**REMARKS.**--Records good. Measurements for 2001 water year are as follows:

<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
01/29/01	0.77	12.3
06/26/01	0.78	15.0
09/06/01	0.85	14.0
09/27/01	0.82	14.2



**MOBILE RIVER BASIN  
2001 Water Year**

**02390064 YELLOW CREEK NEAR HIGHTOWER, GA**

**LOCATION.**--Lat 34<sup>0</sup>20'45", Long 84<sup>0</sup>15'07", 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<sup>2</sup>.

**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 feet (from topographic map).

**RATING.**--Rating Number 4, effective October 2000 to current water year.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

<b><u>DATE</u></b>	<b><u>GAGE-HEIGHT (feet)</u></b>	<b><u>DISCHARGE (ft<sup>3</sup>/s)</u></b>
01/30/01	1.55	15.0
06/26/01	1.37	15.1
09/06/01	1.32	14.9
09/27/01	1.42	15.1

**MOBILE RIVER BASIN  
2001 Water Year**

**02390090 ETOWAH RIVER AT OLD FEDERAL ROAD, NEAR HIGHTOWER, GA**

**LOCATION.**--Lat 34°18'30", Long 84°13'21", Dawson County, Hydrologic Unit 03150104, 8.0 miles west of GA Highway 400, 0.2 miles west of GA Highway 369 on Old Federal Road.

**DRAINAGE AREA.**--309 mi<sup>2</sup>.

**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 feet (from topographic map).

**RATING.**--Rating Number 03, effective October 2000 to current water year.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
07/12/01	1.46	395
09/06/01	1.44	357

**MOBILE RIVER BASIN  
2001 Water Year**

**02391095 ETOWAH RIVER AT COKER CHAPEL ROAD, NEAR BALLGROUND, GA**

**LOCATION.**--Lat 34°17'45", Long 84°22'34", 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<sup>2</sup>.

**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 feet.

**RATING.**--Rating Number 3, effective August 1993 to current water year.

**REMARKS.**--Measurements for the 2001 water year are as follows:

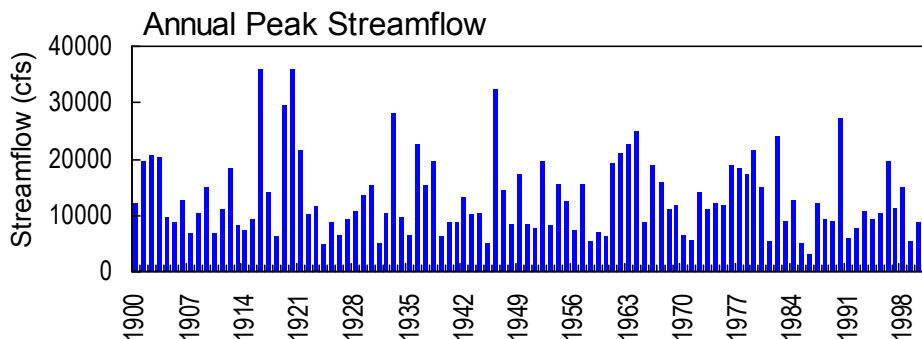
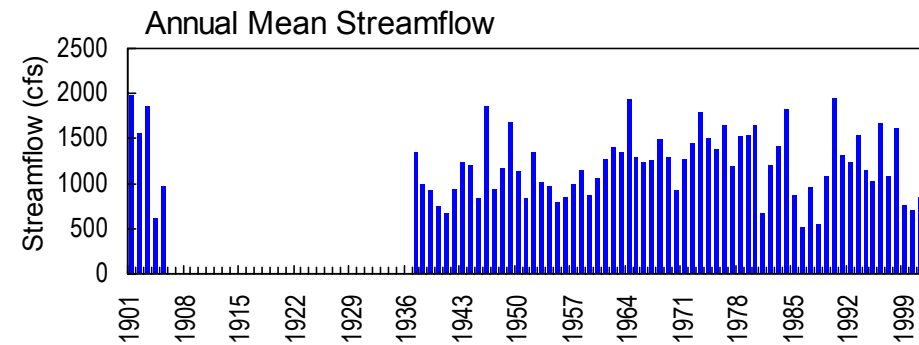
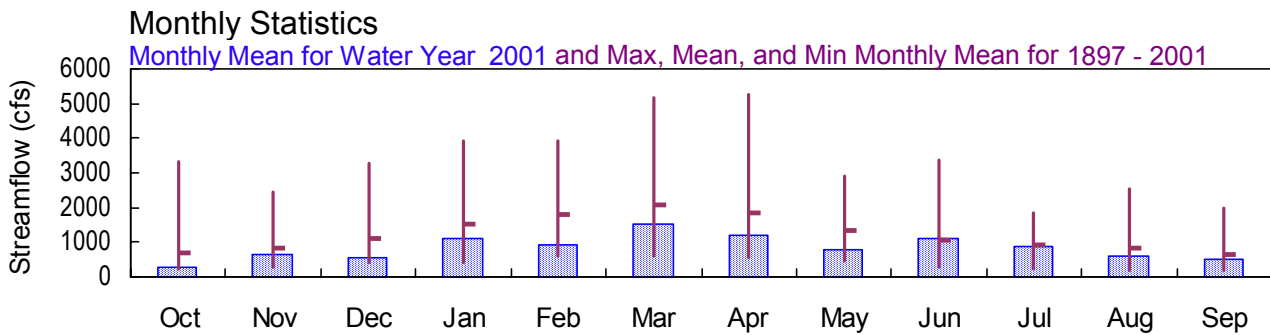
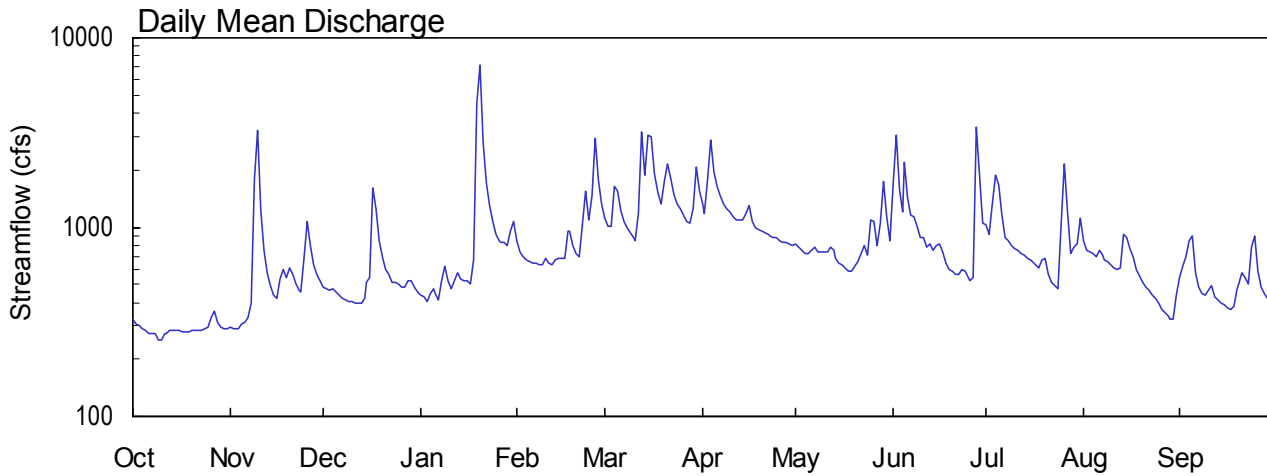
<b><u>DATE</u></b>	<b><u>GAGE-HEIGHT (feet)</u></b>	<b><u>DISCHARGE (ft<sup>3</sup>/s)</u></b>
04/19/01	2.84	760
06/19/01	1.96	462

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 844.6 feet Period of Record: 1897 - 2001



**MOBILE RIVER BASIN  
2001 Water Year**

**02392000 ETOWAH RIVER AT CANTON, GA**

**LOCATION.**--Lat 34°14'23", long 84°29'47", 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<sup>2</sup>.

**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 sea level. From March 1892 to December 1905, a non-recording gage was located at site 100 feet upstream at datum 2.0 feet higher. From March 16, 1937 to January 17, 1939, a non-recording gage was located at site 100 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.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 6,500 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Jan. 20	0600	9,270*	14.05*
No other peaks greater than base discharge			

**MOBILE RIVER BASIN  
2001 Water Year**

**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 sea level. From March 1892 to December 1905, a non-recording gage was located at site 100 feet upstream at datum 2.0 feet higher. From March 16, 1937 to January 17, 1939, a non-recording gage was located at site 100 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, 14.05 feet, January 20; minimum gage-height recorded, 1.41 feet, October 9-10, but may have been lower during periods of estimated discharge.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--April 20, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.

STATION NUMBER 02392000 ETOWAH RIVER AT CANTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341423 LONGITUDE 0842947 DRAINAGE AREA 613.00 DATUM 844.55 STATE 13 COUNTY 057

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	327	295	487	442	e850	1120	1320	e820	1660	1020	851	e540
2	310	290	469	427	e740	1010	1190	e790	3050	e910	756	e620
3	300	291	466	407	e700	1010	1770	e750	1590	e1320	742	e700
4	289	294	477	445	e670	1640	2900	e720	1210	1880	723	e840
5	283	306	452	476	e660	1560	1970	e720	2190	1670	701	e890
6	277	314	436	449	e640	1230	1630	e750	1420	1160	753	e580
7	277	336	422	417	e640	1070	1450	e780	1150	e880	707	e480
8	274	399	414	520	e630	991	1330	e740	1130	e840	677	e450
9	256	1770	408	619	e630	934	1250	e740	1010	e800	653	e440
10	254	3240	404	520	e680	889	1200	e740	885	e775	637	e460
11	273	1230	397	477	e640	843	1140	742	e880	e750	609	e490
12	277	759	396	526	e635	1180	1100	782	e790	e730	599	e430
13	285	572	400	579	e670	3150	1090	751	815	e710	606	e410
14	285	489	419	534	e680	1880	1090	690	749	e690	924	e400
15	285	439	512	520	e690	3030	1170	651	804	e670	874	e390
16	284	421	545	522	691	3000	1300	628	815	e650	773	e375
17	282	527	1600	506	953	1930	1080	607	736	e625	693	e365
18	281	594	1240	669	955	1510	1000	584	642	e610	593	e380
19	282	538	845	4490	801	1320	970	e590	600	e670	e550	e475
20	285	615	699	7190	730	1750	949	e620	588	e680	e510	505
21	285	559	597	2780	693	2150	934	660	564	e560	e480	577
22	285	500	559	1720	1020	1820	916	727	567	e510	e460	541
23	288	465	509	1310	1540	1500	895	807	598	e490	e440	501
24	289	451	511	1070	1100	1330	881	716	582	469	e425	787
25	297	679	502	922	1450	1250	878	1100	538	1030	e400	903
26	333	1070	485	843	2920	1150	856	1070	523	2140	e370	589
27	361	799	478	837	1770	1080	838	793	543	e1200	e355	483
28	315	635	519	825	1320	1040	829	1040	3350	e720	e340	446
29	298	559	517	800	---	1250	809	1730	1890	e790	e330	424
30	292	522	485	957	---	2060	795	1140	1040	e820	e325	404
31	292	---	452	1080	---	1560	---	842	---	e1120	e440	---
TOTAL	9001	19958	17102	33879	26098	47237	35530	24820	32909	27889	18296	15875
MEAN	290	665	552	1093	932	1524	1184	801	1097	900	590	529
MAX	361	3240	1600	7190	2920	3150	2900	1730	3350	2140	924	903
MIN	254	290	396	407	630	843	795	584	523	469	325	365
CFSM	.47	1.09	.90	1.78	1.52	2.49	1.93	1.31	1.79	1.47	.96	.86
IN.	.55	1.21	1.04	2.06	1.58	2.87	2.16	1.51	2.00	1.69	1.11	.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 2001, BY WATER YEAR (WY)

	705	810	1106	1538	1810	2083	1858	1361	1083	932	817	630
MEAN	705	810	1106	1538	1810	2083	1858	1361	1083	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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1897 - 2001

ANNUAL TOTAL	249217	308594										
ANNUAL MEAN	681	845								1225		
HIGHEST ANNUAL MEAN										1979		1901
LOWEST ANNUAL MEAN										510		1986
HIGHEST DAILY MEAN	7540	Apr 4				7190	Jan 20			22700	Jan 7	1946
LOWEST DAILY MEAN	163	Sep 19				254	Oct 10			122	Jul 23	1986
ANNUAL SEVEN-DAY MINIMUM	173	Sep 14				270	Oct 6			145	Jul 18	1986
MAXIMUM PEAK FLOW						9270	Jan 20			32300	Jan 7	1946
MAXIMUM PEAK STAGE						14.05	Jan 20			26.70	Jan 7	1946
INSTANTANEOUS LOW FLOW										120	Jul 23	1986
ANNUAL RUNOFF (CFSM)		1.11					1.38				2.00	
ANNUAL RUNOFF (INCHES)		15.12					18.73				27.15	
10 PERCENT EXCEEDS		1140					1520			2150		
50 PERCENT EXCEEDS		521					680			920		
90 PERCENT EXCEEDS		232					329			415		

STATISTICS COMPUTED BY: gabailey

DATE: 03/28/2002 AT: 15:46:12

e Estimated

STATION NUMBER 02392000 ETOWAH RIVER AT CANTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341423 LONGITUDE 0842947 DRAINAGE AREA 613.00 DATUM 844.55 STATE 13 COUNTY 057

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	1.64	1.55	2.05	1.94	---	3.32	3.68	---	4.23	3.07	2.73	---
2	1.59	1.54	2.01	1.90	---	3.11	3.44	---	6.55	---	2.54	---
3	1.57	1.54	2.00	1.85	---	3.12	4.43	---	4.16	---	2.51	---
4	1.53	1.55	2.03	1.95	---	4.23	6.34	---	3.48	4.64	2.47	---
5	1.51	1.58	1.96	2.03	---	4.10	4.81	---	5.16	4.30	2.43	---
6	1.49	1.61	1.92	1.96	---	3.52	4.23	---	3.86	3.34	2.53	---
7	1.50	1.66	1.89	1.88	---	3.24	3.90	---	3.37	---	2.44	---
8	1.49	1.83	1.87	2.13	---	3.09	3.70	---	3.34	---	2.37	---
9	1.43	4.34	1.85	2.37	---	2.98	3.56	---	3.12	---	2.32	---
10	1.42	6.82	1.84	2.14	---	2.90	3.46	---	2.89	---	2.29	---
11	1.48	3.52	1.82	2.03	---	2.81	3.36	2.62	---	---	2.23	---
12	1.50	2.65	1.82	2.15	---	3.40	3.28	2.69	---	---	2.20	---
13	1.52	2.26	1.83	2.28	---	6.74	3.27	2.64	2.76	---	2.22	---
14	1.52	2.06	1.88	2.17	---	4.65	3.27	2.52	2.63	---	2.86	---
15	1.52	1.93	2.12	2.14	---	6.48	3.41	2.44	2.74	---	2.77	---
16	1.52	1.89	2.20	2.14	2.52	6.48	3.64	2.39	2.76	---	2.57	---
17	1.51	2.15	4.15	2.10	3.01	4.73	3.26	2.35	2.61	---	2.41	---
18	1.51	2.32	3.54	2.44	3.02	4.02	3.10	2.30	2.42	---	2.19	---
19	1.51	2.18	2.81	8.20	2.73	3.68	3.05	---	2.33	---	---	---
20	1.52	2.36	2.53	11.70	2.60	4.43	3.01	---	2.31	---	---	1.96
21	1.52	2.24	2.33	6.13	2.52	5.11	2.98	2.46	2.25	---	---	2.15
22	1.52	2.09	2.24	4.37	3.13	4.55	2.95	2.59	2.26	---	---	2.06
23	1.53	2.00	2.11	3.66	4.06	4.01	2.91	2.74	2.33	---	---	1.96
24	1.53	1.96	2.12	3.24	3.28	3.70	2.88	2.57	2.29	1.87	---	2.58
25	1.55	2.48	2.09	2.96	3.88	3.55	2.88	3.28	2.18	3.01	---	2.82
26	1.66	3.24	2.05	2.81	6.36	3.38	2.83	3.23	2.15	5.07	---	2.17
27	1.73	2.73	2.03	2.80	4.46	3.25	2.80	2.72	2.20	---	---	1.91
28	1.61	2.41	2.13	2.78	3.68	3.18	2.78	3.18	6.81	---	---	1.81
29	1.56	2.23	2.13	2.73	---	3.55	2.75	4.40	4.65	---	---	1.75
30	1.54	2.14	2.05	3.02	---	4.96	2.72	3.36	3.10	---	---	1.70
31	1.54	---	1.97	3.25	---	4.10	---	2.81	---	---	---	---
MEAN	1.53	2.36	2.17	3.07	---	4.01	3.42	---	---	---	---	---
MAX	1.73	6.82	4.15	11.70	---	6.74	6.34	---	---	---	---	---
MIN	1.42	1.54	1.82	1.85	---	2.81	2.72	---	---	---	---	---



STATION NUMBER 02392000 ETOWAH RIVER AT CANTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341423 LONGITUDE 0842947 DRAINAGE AREA 613.00 DATUM 844.55 STATE 13 COUNTY 057

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	---	---	---	---	---	---	---	.00	---	.00	.00	.23
2	---	---	---	---	---	---	---	.00	---	.00	.00	.21
3	---	---	---	---	---	---	---	.00	---	.30	.00	.45
4	---	---	---	---	---	---	---	.00	---	.89	.02	.05
5	---	---	---	---	---	---	---	.00	---	.03	.28	.00
6	---	---	---	---	---	---	---	.00	---	.00	.00	.00
7	---	---	---	---	---	---	---	.00	---	.00	.00	.00
8	---	---	---	---	---	---	---	.00	---	.00	.00	.00
9	---	---	---	---	---	---	---	.00	---	.54	.00	.00
10	---	---	---	---	---	---	---	.00	---	.00	.00	.00
11	---	---	---	---	---	---	---	.14	---	.00	.53	.00
12	---	---	---	---	---	---	---	.00	---	.00	.24	.00
13	---	---	---	---	---	---	---	.00	---	.00	.26	.00
14	---	---	---	---	---	---	---	.00	.00	.00	.00	.08
15	---	---	---	---	---	---	---	.00	.42	.00	.00	.00
16	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
17	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
18	---	---	---	---	---	---	---	.00	.00	---	.00	.00
19	---	---	---	---	---	---	---	.49	.00	---	.00	.15
20	---	---	---	---	---	---	---	.12	.00	---	.00	.02
21	---	---	---	---	---	---	.00	.01	.00	---	.00	.00
22	---	---	---	---	---	---	.00	.51	.57	---	.00	.00
23	---	---	---	---	---	---	.00	.02	.00	---	.00	.56
24	---	---	---	---	---	---	.02	.15	.00	.00	.00	.21
25	---	---	---	---	---	---	.00	---	.01	2.10	.00	.00
26	---	---	---	---	---	---	.00	---	.00	.01	.00	.00
27	---	---	---	---	---	---	.00	---	.65	---	.66	.00
28	---	---	---	---	---	---	.00	---	2.06	---	.00	.00
29	---	---	---	---	---	---	.00	---	.02	---	.01	.00
30	---	---	---	---	---	---	.13	---	.08	---	.02	.00
31	---	---	---	---	---	---	---	---	---	.00	1.07	---
TOTAL	---	---	---	---	---	---	---	---	---	---	3.09	1.96

**MOBILE RIVER BASIN  
2001 Water Year**

**02392890 NOONDAY CREEK AT ROBERTS ROAD, NEAR MARIETTA, GA**

**LOCATION.**--Lat 34°00'15", long 84°35'33", Cobb County, Hydrologic Unit 03150104, located on upstream side of Roberts Road bridge, 1.3 miles northwest of Marietta.

**DRAINAGE AREA.**--4.60 mi<sup>2</sup>.

**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 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 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:** 12.47 feet, November 9

**MOBILE RIVER BASIN**  
**2001 Water Year**

**02392925 NOONDAY CREEK AT BELLS FERRY ROAD, NEAR WOODSTOCK, GA**

**LOCATION.**--Lat 34°01'24", long 84°32'53", 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<sup>2</sup>.

**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 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 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.--**

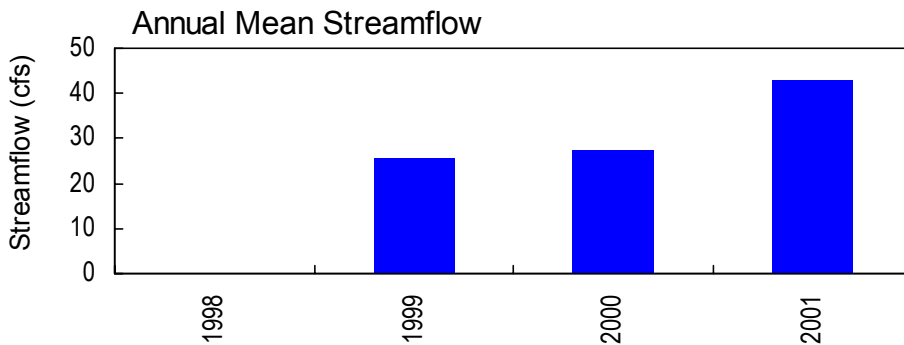
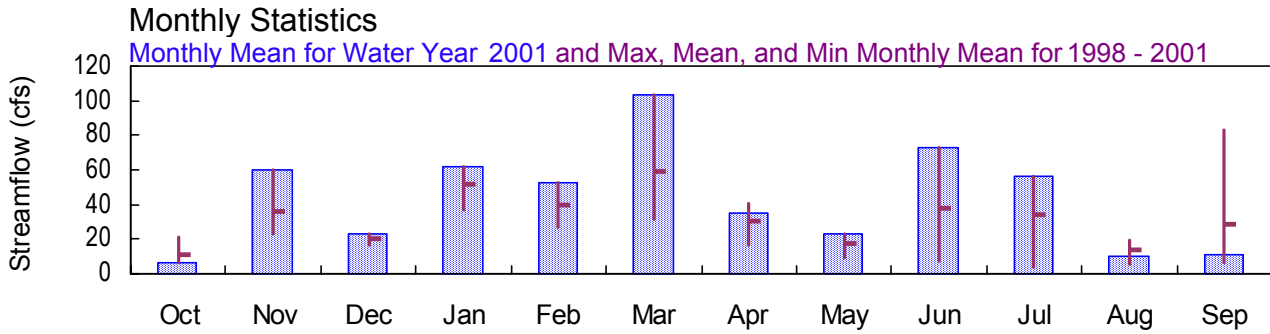
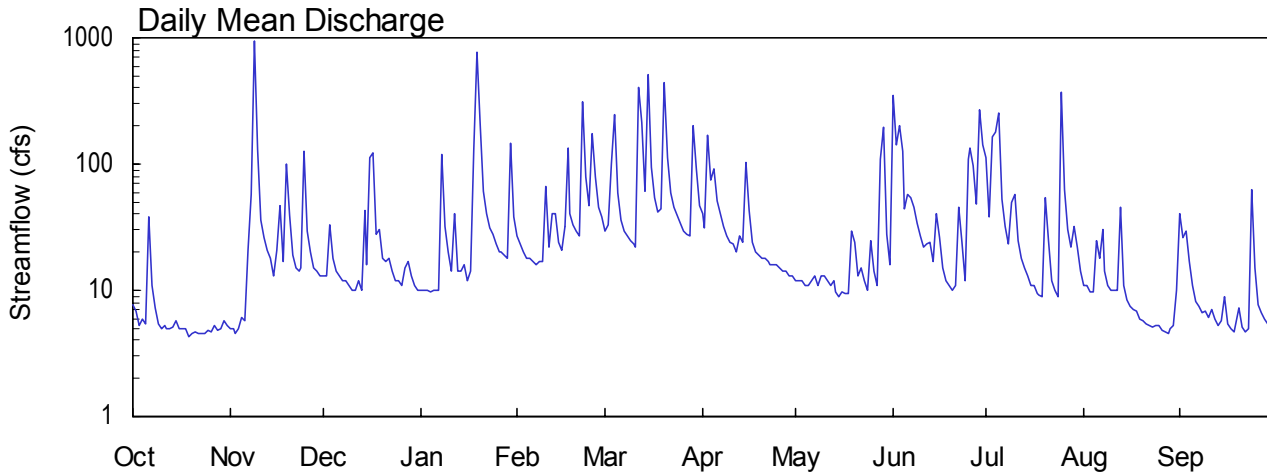
**STAGE:** 17.35 feet, November 9

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 895 feet Period of Record: 1998 - 2001



**MOBILE RIVER BASIN  
2001 Water Year**

**02392950 NOONDAY CREEK AT HAWKINS STORE ROAD, NEAR WOODSTOCK, GA**

**LOCATION.**--Lat 34°03'23", long 84°32'08", 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<sup>2</sup>.

**COOPERATION.**—Cobb County Water System.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--August 1998 to current year.

**GAGE.**--Satellite telemetry with a water-stage recorder. Datum of gage is approximately 895 feet above sea level (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 feet above sea level (from topographic map).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 9.41 feet, November 9; minimum gage-height recorded, 1.75 feet, August 28, September 22-23.

STATION NUMBER 02392950 NOONDAY CREEK AT HAWKINS STORE RD, NR WOODSTOCK,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340323 LONGITUDE 0843208 DRAINAGE AREA 24.3 DATUM 895.00 STATE 13 COUNTY 067

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	7.7	5.0	13	10	27	29	40	12	348	111	11	41
2	6.8	5.0	13	10	23	33	31	12	143	38	11	26
3	5.2	4.6	33	10	20	99	171	12	204	166	9.7	29
4	6.0	5.0	e18	9.8	18	246	75	11	128	181	9.7	17
5	5.5	6.1	14	9.9	18	60	92	11	44	251	25	11
6	38	5.8	13	9.9	17	36	51	12	57	53	18	8.1
7	11	21	12	10	16	e29	40	13	54	32	30	7.4
8	7.3	57	12	e120	17	27	32	11	46	23	14	6.7
9	5.4	947	11	e32	17	25	27	13	34	49	11	6.8
10	4.9	129	10	e20	67	23	24	13	27	58	10	6.1
11	5.3	36	10	e14	22	22	23	12	22	25	10	7.0
12	5.0	26	12	e40	41	408	20	11	23	18	9.9	5.9
13	5.0	21	10	e14	41	213	27	12	24	15	45	5.2
14	5.1	18	43	e14	24	61	24	9.7	17	13	11	5.7
15	5.7	13	16	e16	21	505	104	8.8	40	11	8.3	9.0
16	4.9	21	114	e12	32	95	43	9.6	26	11	7.4	5.5
17	4.9	47	124	e14	133	55	24	9.4	15	9.5	7.1	4.9
18	5.0	17	28	129	41	42	20	9.4	12	9.2	6.8	4.7
19	4.3	e100	30	765	33	44	19	29	11	8.9	6.0	6.3
20	4.6	39	18	209	29	438	18	24	10	54	5.8	7.2
21	4.7	19	17	61	27	113	18	13	11	25	5.4	5.1
22	4.6	15	18	41	315	60	17	15	45	12	5.2	4.7
23	4.6	14	14	31	80	46	16	12	24	9.9	5.1	4.9
24	4.5	15	12	28	47	39	16	10	12	8.8	5.2	63
25	4.8	125	12	23	173	34	16	25	110	374	5.2	15
26	4.7	29	11	20	80	29	15	14	135	63	4.8	7.8
27	5.2	20	15	20	46	28	14	11	96	e30	4.7	6.6
28	4.8	15	17	19	38	e27	14	109	48	22	4.5	6.0
29	5.0	14	13	18	---	e202	13	195	267	32	5.0	5.4
30	5.8	13	11	147	---	92	13	28	143	22	5.3	5.0
31	5.3	---	10	38	---	47	---	16	---	14	10	---
TOTAL	201.6	1802.5	704	1914.6	1463	3207	1057	702.9	2176	1749.3	327.1	344.0
MEAN	6.50	60.1	22.7	61.8	52.2	103	35.2	22.7	72.5	56.4	10.6	11.5
MAX	38	947	124	765	315	505	171	195	348	374	45	63
MIN	4.3	4.6	10	9.8	16	22	13	8.8	10	8.8	4.5	4.7
CFSM	.27	2.47	.93	2.54	2.15	4.26	1.45	.93	2.98	2.32	.43	.47
IN.	.31	2.76	1.08	2.93	2.24	4.91	1.62	1.08	3.33	2.68	.50	.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

	1999	2000	2001	2000	2000	1999	1999	2000	2000	2000	1999	1999
MEAN	11.3	35.9	20.4	52.1	39.5	58.9	30.8	17.4	37.9	33.8	13.7	28.3
MAX	21.1	60.1	22.7	61.8	52.2	103	40.7	22.7	72.5	56.4	19.8	83.3
(WY)	2000	2001	2001	2001	2001	2001	2000	2001	2001	2001	2000	2000
MIN	6.48	23.2	16.3	36.7	26.6	31.6	16.5	8.89	7.10	3.51	5.34	6.12
(WY)	1999	2000	2000	2000	2000	1999	1999	2000	2000	2000	1999	1999

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1998 - 2001

ANNUAL TOTAL	10842.7	15649.0		
ANNUAL MEAN	29.6	42.9	31.9	
HIGHEST ANNUAL MEAN			42.9	2001
LOWEST ANNUAL MEAN			25.5	1999
HIGHEST DAILY MEAN	947	Nov 9	947	Nov 9 2000
LOWEST DAILY MEAN	1.2	Aug 14	4.3	Oct 19 2000
ANNUAL SEVEN-DAY MINIMUM	1.4	Aug 13	4.6	Oct 19 2000
MAXIMUM PEAK FLOW			1610	Nov 9 2000
MAXIMUM PEAK STAGE			9.41	Nov 9 2000
INSTANTANEOUS LOW FLOW			1.1	Aug 14 2000
ANNUAL RUNOFF (CFSM)	1.22		1.76	1.31
ANNUAL RUNOFF (INCHES)	16.60		23.96	17.82
10 PERCENT EXCEEDS	41		106	57
50 PERCENT EXCEEDS	11		17	12
90 PERCENT EXCEEDS	3.1		5.2	4.7

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/09/2002 AT: 14:19:40

e Estimated

STATION NUMBER 02392950 NOONDAY CREEK AT HAWKINS STORE RD, NR WOODSTOCK,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340323 LONGITUDE 0843208 DRAINAGE AREA 24.3 DATUM 895.00 STATE 13 COUNTY 067

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

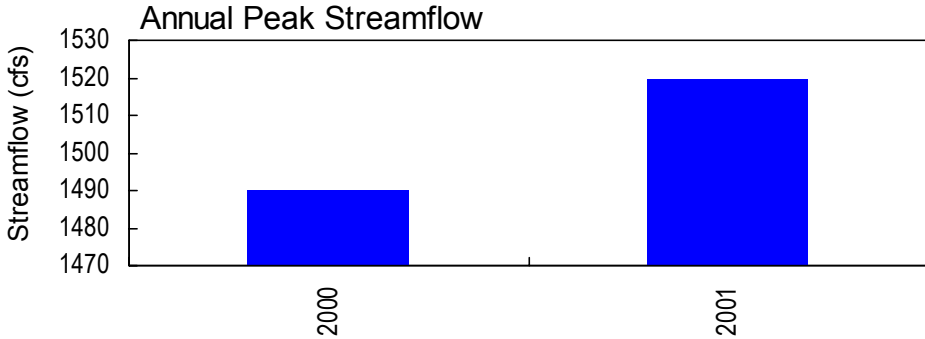
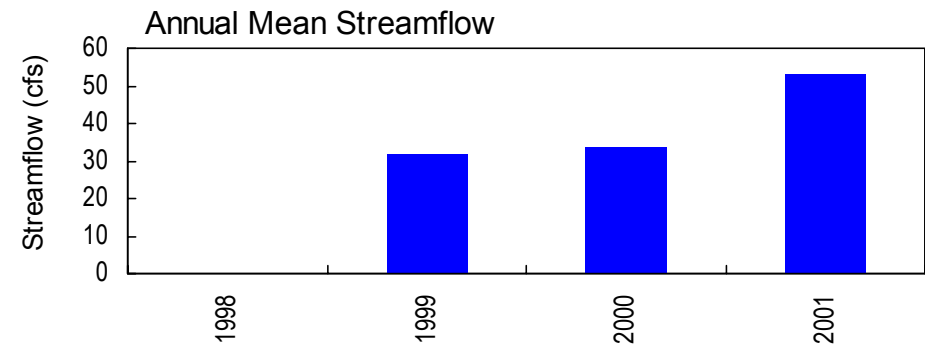
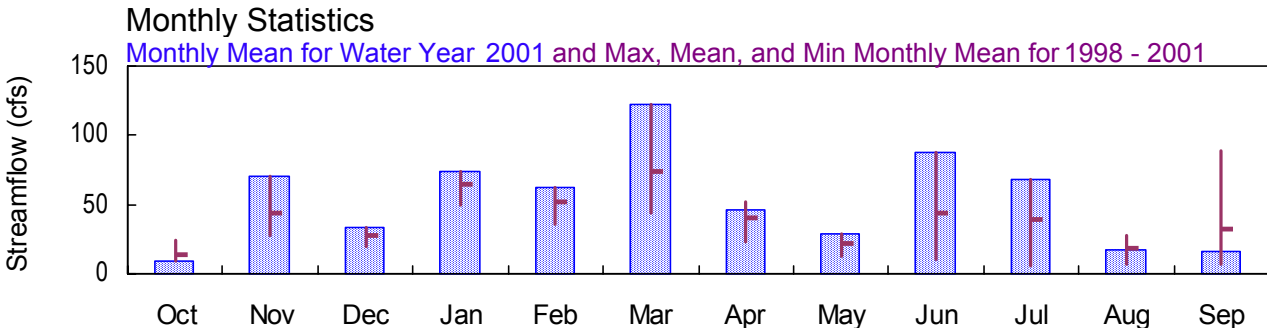
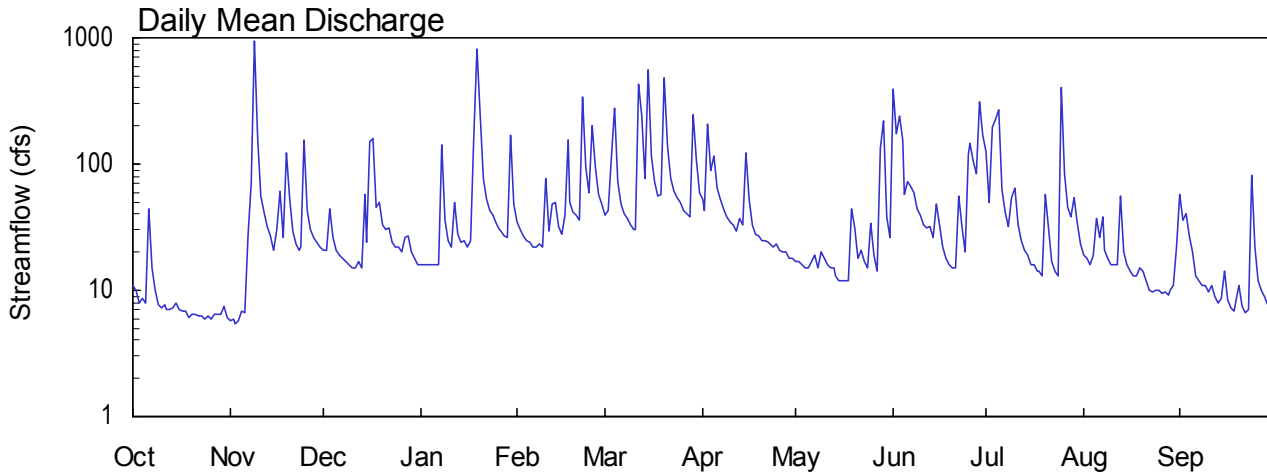
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.04	1.91	2.12	2.05	2.33	2.35	2.48	2.05	4.12	3.02	2.02	2.45
2	2.00	1.91	2.12	2.04	2.26	2.39	2.37	2.05	3.20	2.46	1.99	2.29
3	1.92	1.89	2.44	2.05	2.21	2.96	3.27	2.02	3.37	3.16	1.97	2.36
4	1.96	1.91	---	2.04	2.18	3.75	2.81	2.02	3.14	3.45	1.96	2.19
5	1.93	1.97	2.16	2.04	2.17	2.68	2.94	2.01	2.53	3.75	2.27	2.05
6	2.43	1.95	2.12	2.04	2.15	2.44	2.59	2.03	2.60	2.61	2.11	1.96
7	2.16	2.29	2.11	2.05	2.14	---	2.48	2.06	2.62	2.38	2.33	1.93
8	2.02	2.71	2.10	---	2.16	2.32	2.39	2.00	2.55	2.25	2.08	1.90
9	1.93	6.78	2.08	---	2.15	2.29	2.32	2.05	2.41	2.38	2.01	1.90
10	1.91	3.18	2.06	---	2.69	2.27	2.29	2.06	2.33	2.62	1.97	1.87
11	1.92	2.51	2.05	---	2.25	2.25	2.26	2.02	2.24	2.29	1.98	1.90
12	1.91	2.38	2.09	---	2.43	4.19	2.22	2.00	2.24	2.16	1.97	1.85
13	1.91	2.30	2.06	---	2.49	3.59	2.31	2.02	2.28	2.10	2.49	1.82
14	1.91	2.24	2.54	---	2.29	2.69	2.28	1.96	2.16	2.05	2.04	1.85
15	1.94	2.13	2.21	---	2.23	4.90	2.93	1.93	2.38	2.00	1.96	1.97
16	1.90	2.22	3.04	---	2.33	2.97	2.51	1.96	2.29	2.00	1.93	1.84
17	1.90	2.59	3.11	---	3.15	2.64	2.27	1.95	2.11	1.96	1.91	1.80
18	1.91	2.23	2.40	3.04	2.49	2.51	2.21	1.95	2.05	1.95	1.90	1.79
19	1.87	---	2.44	6.00	2.40	2.51	2.19	2.22	2.01	1.94	1.87	1.86
20	1.89	2.53	2.25	3.59	2.35	4.64	2.18	2.26	1.99	2.38	1.85	1.92
21	1.89	2.26	2.23	2.69	2.33	3.09	2.18	2.07	2.00	2.26	1.83	1.81
22	1.89	2.18	2.23	2.49	4.00	2.68	2.16	2.10	2.38	2.03	1.82	1.79
23	1.89	2.15	2.14	2.37	2.85	2.54	2.14	2.03	2.25	1.97	1.81	1.80
24	1.88	2.16	2.12	2.34	2.56	2.47	2.13	1.99	2.05	1.93	1.82	2.71
25	1.90	3.16	2.11	2.27	3.33	2.42	2.14	2.28	2.66	4.19	1.82	2.14
26	1.89	2.42	2.09	2.22	2.85	2.36	2.11	2.09	3.07	2.70	1.80	1.94
27	1.92	2.27	2.17	2.22	2.55	2.34	2.09	2.00	2.87	---	1.79	1.89
28	1.90	2.19	2.21	2.19	2.46	---	2.08	2.91	2.54	2.24	1.78	1.86
29	1.91	2.16	2.12	2.18	---	---	2.06	3.45	3.81	2.35	1.81	1.83
30	1.95	2.13	2.08	3.23	---	2.94	2.05	2.33	3.16	2.23	1.83	1.81
31	1.92	---	2.05	2.46	---	2.56	---	2.14	---	2.09	1.96	---
MEAN	1.95	---	---	---	2.49	---	2.35	2.13	2.58	---	1.96	1.97
MAX	2.43	---	---	---	4.00	---	3.27	3.45	4.12	---	2.49	2.71
MIN	1.87	---	---	---	2.14	---	2.05	1.93	1.99	---	1.78	1.79

# MOBILE RIVER BASIN

## 2001 Water Year

### 02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NR WOODSTOCK, GA

Latitude: 34° 04' 06" Longitude: 84° 32' 08" Hydrologic Unit Code: 03150104 Cobble County  
 Drainage Area: 33.6 mi<sup>2</sup> Datum: 890 feet Period of Record: 1998 - 2001





**MOBILE RIVER BASIN  
2001 Water Year**

**02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NEAR WOODSTOCK, GA**

**LOCATION.**--Lat 34°04'06", long 84°32'08", 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<sup>2</sup>.

**COOPERATION.**—Cobb County Water System.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**—August 1998 to current year.

**GAGE.**--Satellite telemetry with a water-stage recorder. Datum of gage is approximately 890 feet above sea level (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 feet above sea level (from topographic map).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 9.18 feet, January 19; minimum gage-height recorded, 1.41 feet, September 22-23.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—December 18, 2000 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NR WOODSTOCK, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340406 LONGITUDE 0843208 DRAINAGE AREA 33.6 DATUM 890.00 STATE 13 COUNTY 067

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	11	5.8	21	16	35	39	52	17	397	126	19	58
2	9.9	5.9	21	16	30	43	43	17	173	50	18	36
3	7.9	5.5	44	16	27	114	209	16	242	196	16	41
4	8.7	5.8	26	16	25	278	89	15	154	225	19	27
5	8.0	6.8	21	16	24	73	115	15	57	273	37	e20
6	44	6.6	19	16	22	48	65	17	73	63	26	e13
7	15	27	18	16	22	40	53	19	66	42	38	e12
8	10	70	17	142	23	37	44	15	59	32	21	11
9	7.7	950	16	36	22	33	38	20	44	55	18	11
10	7.2	163	15	25	77	30	35	18	39	64	16	9.6
11	7.6	56	15	22	29	30	33	16	e33	33	16	11
12	7.1	42	17	50	48	424	29	15	e31	25	16	8.9
13	7.1	32	15	28	50	242	37	15	e32	21	56	8.0
14	7.2	27	57	24	32	77	33	13	e26	19	20	8.6
15	8.0	21	24	25	28	554	122	12	48	16	16	14
16	7.0	30	149	22	39	116	52	12	33	16	14	8.3
17	6.8	61	158	25	154	72	33	12	22	14	13	7.2
18	6.8	26	46	165	49	56	28	12	18	14	13	6.9
19	6.1	121	49	810	42	58	27	44	16	13	15	9.4
20	6.4	54	33	247	39	487	25	31	15	57	14	11
21	6.5	29	30	76	36	138	25	18	15	31	12	7.4
22	6.3	23	31	53	343	78	24	21	56	17	10	6.6
23	6.2	21	24	43	95	61	23	17	32	14	9.7	7.0
24	6.0	22	22	39	59	54	22	15	20	13	10	81
25	6.2	153	22	34	204	49	23	34	120	409	10	22
26	6.0	43	20	30	93	43	21	19	146	84	9.5	12
27	6.5	30	26	29	57	40	20	14	107	46	9.6	10
28	6.4	26	27	27	48	38	20	135	83	38	9.1	8.8
29	6.4	24	20	26	---	246	18	222	316	54	10	7.8
30	7.4	22	18	168	---	110	18	38	168	34	11	7.2
31	6.1	---	16	48	---	60	---	26	---	23	22	---
TOTAL	269.5	2109.4	1037	2306	1752	3768	1376	910	2641	2117	543.9	501.7
MEAN	8.69	70.3	33.5	74.4	62.6	122	45.9	29.4	88.0	68.3	17.5	16.7
MAX	44	950	158	810	343	554	209	222	397	409	56	81
MIN	6.0	5.5	15	16	22	30	18	12	15	13	9.1	6.6
CFSM	.26	2.09	1.00	2.21	1.86	3.62	1.37	.87	2.62	2.03	.52	.50
IN.	.30	2.34	1.15	2.55	1.94	4.17	1.52	1.01	2.92	2.34	.60	.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2001, BY WATER YEAR (WY)

	1998	1999	2000	2001
MEAN	14.0	43.8	27.9	64.2
MAX	24.7	70.3	33.5	74.4
(WY)	2000	2001	2001	2001
MIN	8.69	27.9	20.1	49.9
(WY)	2001	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1998 - 2001

ANNUAL TOTAL	13446.4	19331.5	
ANNUAL MEAN	36.7	53.0	39.4
HIGHEST ANNUAL MEAN			53.0
LOWEST ANNUAL MEAN			31.8
HIGHEST DAILY MEAN	950	Nov 9	950
LOWEST DAILY MEAN	2.1	Aug 14	5.5
ANNUAL SEVEN-DAY MINIMUM	2.1	Aug 13	6.1
MAXIMUM PEAK FLOW			1520
MAXIMUM PEAK STAGE			9.18
ANNUAL RUNOFF (CFSM)	1.09		1.58
ANNUAL RUNOFF (INCHES)	14.89		21.40
10 PERCENT EXCEEDS	57		121
50 PERCENT EXCEEDS	17		25
90 PERCENT EXCEEDS	4.7		8.0

STATISTICS COMPUTED BY: gabailey

DATE: 03/29/2002 AT: 08:26:39

e Estimated

STATION NUMBER 02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NR WOODSTOCK,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340406 LONGITUDE 0843208 DRAINAGE AREA 33.6 DATUM 890.00 STATE 13 COUNTY 067

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	1.65	1.48	1.77	1.68	1.97	2.03	2.20	1.66	4.31	2.87	1.72	2.24
2	1.62	1.48	1.77	1.67	1.89	2.07	2.08	1.65	3.15	2.20	1.69	2.03
3	1.56	1.47	2.12	1.68	1.83	2.77	3.29	1.62	3.36	3.13	1.66	2.12
4	1.58	1.48	1.87	1.67	1.80	3.80	2.60	1.61	3.05	3.53	1.70	1.93
5	1.56	1.52	1.77	1.67	1.78	2.43	2.81	1.60	2.21	3.74	2.00	---
6	2.11	1.51	1.73	1.67	1.75	2.15	2.35	1.64	2.35	2.36	1.82	---
7	1.76	1.92	1.71	1.67	1.74	2.04	2.21	1.68	2.32	2.10	2.02	---
8	1.63	2.46	1.70	2.95	1.76	1.99	2.10	1.60	2.24	1.95	1.76	1.59
9	1.55	6.91	1.68	2.03	1.75	1.94	2.01	1.70	2.06	2.10	1.69	1.59
10	1.54	3.16	1.66	1.84	2.42	1.89	1.97	1.67	1.99	2.33	1.65	1.55
11	1.55	2.30	1.66	1.80	1.87	1.89	1.93	1.63	---	1.96	1.66	1.59
12	1.53	2.11	1.70	2.21	2.09	4.09	1.88	1.60	---	1.82	1.65	1.53
13	1.53	1.98	1.66	1.90	2.16	3.62	1.99	1.61	---	1.76	2.21	1.50
14	1.54	1.89	2.26	1.83	1.92	2.48	1.94	1.55	---	1.71	1.73	1.52
15	1.56	1.77	1.83	1.85	1.85	5.14	2.78	1.51	2.01	1.66	1.64	1.65
16	1.53	1.88	2.99	1.79	1.97	2.84	2.19	1.53	1.89	1.66	1.61	1.51
17	1.52	2.32	3.08	1.84	3.04	2.42	1.93	1.52	1.70	1.61	1.59	1.48
18	1.52	1.86	2.17	3.03	2.17	2.25	1.85	1.51	1.63	1.60	1.58	1.47
19	1.49	2.87	2.21	6.26	2.08	2.25	1.83	1.96	1.59	1.59	1.62	1.54
20	1.50	2.26	1.98	3.68	2.02	4.88	1.81	1.89	1.56	2.08	1.61	1.59
21	1.51	1.93	1.94	2.47	1.99	3.02	1.80	1.67	1.57	1.93	1.57	1.48
22	1.50	1.82	1.95	2.22	4.04	2.49	1.78	1.72	2.07	1.68	1.50	1.45
23	1.50	1.78	1.84	2.08	2.65	2.31	1.77	1.64	1.86	1.62	1.49	1.46
24	1.49	1.79	1.80	2.02	2.29	2.22	1.75	1.59	1.66	1.58	1.50	2.56
25	1.50	3.10	1.79	1.95	3.31	2.16	1.77	1.94	2.41	4.33	1.50	1.85
26	1.49	2.13	1.76	1.88	2.63	2.09	1.73	1.69	2.86	2.57	1.48	1.63
27	1.51	1.94	1.86	1.87	2.26	2.04	1.71	1.59	2.62	2.16	1.48	1.57
28	1.50	1.87	1.89	1.84	2.15	2.01	1.70	2.80	2.39	2.04	1.47	1.53
29	1.51	1.84	1.76	1.83	---	3.44	1.67	3.40	3.97	2.22	1.50	1.50
30	1.54	1.80	1.72	3.14	---	2.77	1.66	1.97	3.11	1.97	1.52	1.47
31	1.49	---	1.68	2.14	---	2.30	---	1.78	---	1.80	1.72	---
MEAN	1.56	2.15	1.91	2.20	2.18	2.64	2.04	1.76	---	2.18	1.66	---
MAX	2.11	6.91	3.08	6.26	4.04	5.14	3.29	3.40	---	4.33	2.21	---
MIN	1.49	1.47	1.66	1.67	1.74	1.89	1.66	1.51	---	1.58	1.47	---

STATION NUMBER 02392975 NOONDAY CREEK AT SHALLOWFORD ROAD, NR WOODSTOCK,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340406 LONGITUDE 0843208 DRAINAGE AREA 33.6 DATUM 890.00 STATE 13 COUNTY 067

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	---	---	---	.00	.00	.00	.00	.00	1.35	.01	.00	---
2	---	---	---	.00	.00	.20	.00	.00	.01	.00	.00	---
3	---	---	---	.00	.00	1.20	.92	.00	1.35	.85	.00	---
4	---	---	---	.00	.00	.02	.21	.00	.00	1.27	.14	---
5	---	---	---	.00	.00	.01	.12	.00	.00	.01	.01	---
6	---	---	---	.00	.00	.00	.00	.16	.12	.00	.24	---
7	---	---	---	.25	.00	.00	.00	.01	.09	.00	.00	---
8	---	---	---	.72	.00	.00	.00	.00	.11	.00	.00	---
9	---	---	---	.00	.25	.00	.00	.19	.00	.09	.00	---
10	---	---	---	.00	.23	.00	.00	.00	.00	.00	.00	---
11	---	---	---	.27	.00	.00	.00	.04	---	.00	.00	---
12	---	---	---	.14	.46	1.96	.00	.00	---	.00	.02	---
13	---	---	---	.00	.00	.00	.19	.00	---	.00	.18	---
14	---	---	---	.06	.00	.23	.00	.00	---	.00	.00	---
15	---	---	---	.01	.00	1.27	.58	.00	.06	.00	.00	---
16	---	---	---	.00	.74	.00	.00	.00	.00	.00	.00	---
17	---	---	---	.07	.02	.00	.00	.00	.00	.00	.00	---
18	---	---	---	1.31	.00	.00	.00	.00	.00	.00	.00	---
19	---	---	.01	2.17	.00	.36	.00	.72	.00	.00	.00	---
20	---	---	.00	.03	.00	1.36	.00	.01	.00	.14	.00	---
21	---	---	.00	.00	.00	.01	.00	.01	.00	.00	.00	---
22	---	---	.00	.00	1.06	.00	.00	.20	.70	.00	.00	---
23	---	---	.04	.00	.00	.00	.00	.00	.00	.00	.00	---
24	---	---	.02	.00	.01	.00	.03	.25	.00	.00	.00	---
25	---	---	.00	.00	.78	.00	.00	.26	.22	2.07	.00	---
26	---	---	.00	.00	.00	.00	.00	.00	.61	.00	.00	---
27	---	---	.14	.00	.03	.00	.00	.00	.32	---	.00	---
28	---	---	.00	.00	.02	.00	.00	1.67	.98	.00	.00	---
29	---	---	.00	.49	---	1.29	.00	.47	.43	.53	.00	---
30	---	---	.00	.35	---	.00	.00	.00	.32	.00	.01	---
31	---	---	.00	.00	---	.01	---	.17	---	.00	---	---
TOTAL	---	---	---	5.87	3.60	7.92	2.05	4.16	---	---	---	---

## MOBILE RIVER BASIN

### 02393500 ALLATOONA RESERVOIR NEAR CARTERSVILLE, GA

**LOCATION.**--Lat 34°09'46", long 84°43'40", 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 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:

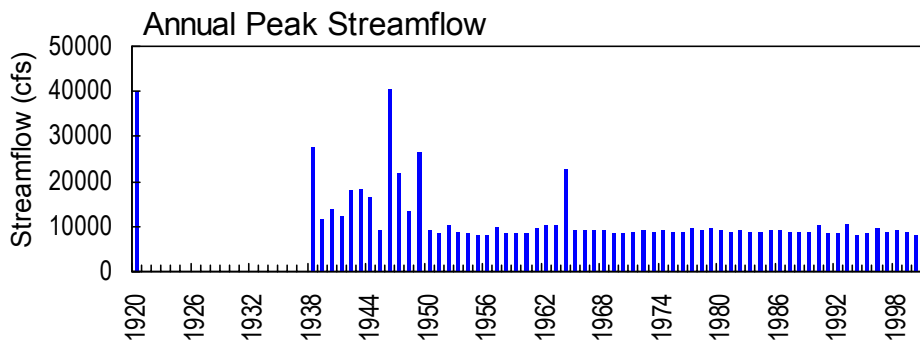
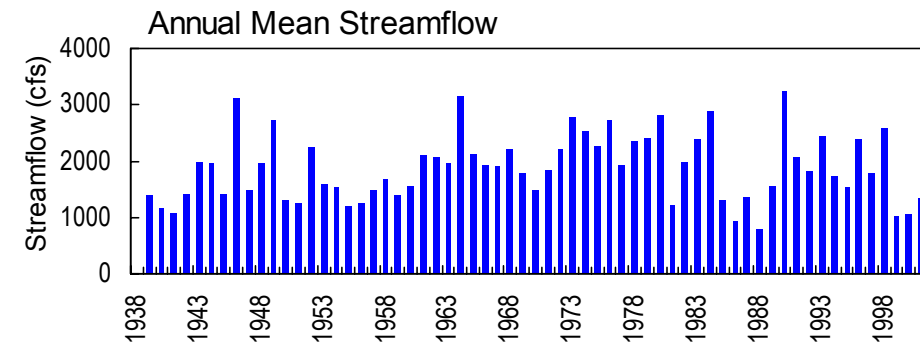
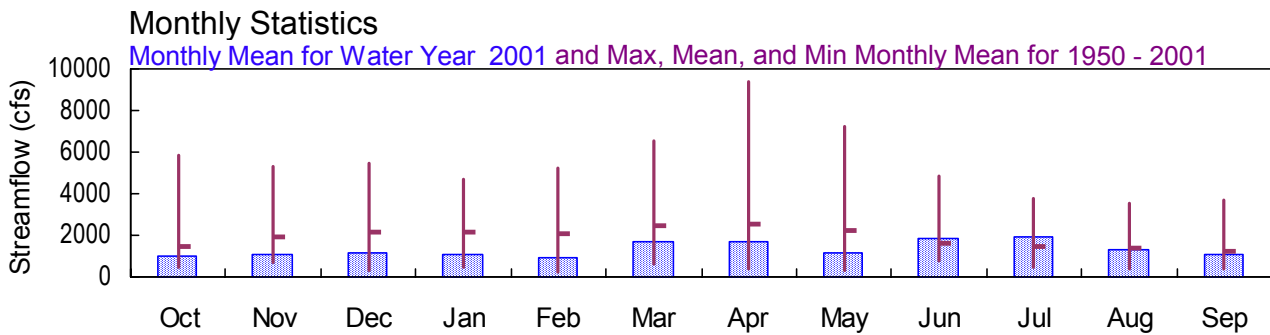
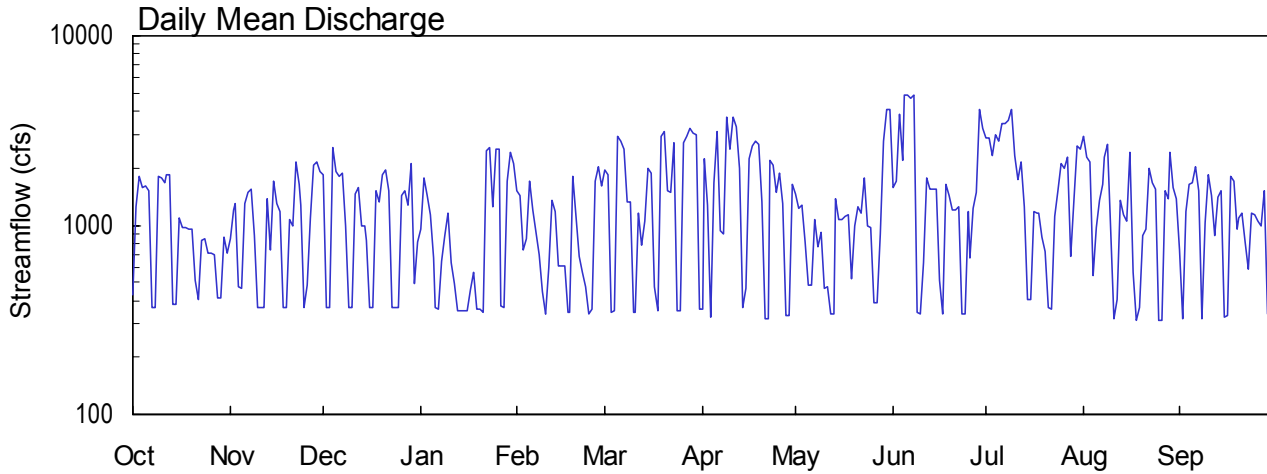
<http://water.sam.usace.army.mil/enhw.htm>

# MOBILE RIVER BASIN

## 2001 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: 1120 mi<sup>2</sup> Datum: 686.9 feet Period of Record: 1950 - 2001



02394000 - Etowah River at Allatoona Dam above Cartersville, GA - March 14, 1973  
 USGS

**MOBILE RIVER BASIN  
2001 Water Year**

**02394000 ETOWAH RIVER AT ALLATOONA DAM, ABOVE CARTERSVILLE, GA**

**LOCATION.**--Lat 34°09'47", long 84°44'28", 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<sup>2</sup>.

**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 sea level (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. Average discharge adjusted for storage published prior to October 1, 1999.

**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 sea level (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, 7.04 feet, November 8; minimum gage-height recorded, 0.99 feet, January 29.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—August 29, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**—Records good.

STATION NUMBER 02394000 ETOWAH RIVER AT ALLATOONA DAM, ABV CARTERSVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340947 LONGITUDE 0844428 DRAINAGE AREA 1119 DATUM 686.92 STATE 13 COUNTY 015

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	430	853	1860	961	1510	1950	362	1460	1580	2910	2950	744
2	1250	1210	368	1760	1430	1830	2220	1220	1700	2870	2290	321
3	1800	1310	366	1440	734	348	1280	1280	3850	2350	2140	1170
4	1590	475	2590	1140	853	354	328	819	2190	3020	545	1650
5	1620	465	1920	665	1690	2950	1660	478	4830	2790	974	1660
6	1520	1300	1820	366	1200	2750	3110	478	4890	3420	1340	2050
7	367	1480	1880	361	909	2520	928	1080	4670	3420	1630	1530
8	366	1540	1000	643	701	1330	904	771	4840	3590	2290	321
9	1820	880	366	888	449	1320	3720	922	346	4070	2680	1020
10	1760	366	366	1160	343	349	2520	462	343	2310	940	1860
11	1660	366	1470	628	599	345	3690	472	630	1750	318	1440
12	1830	366	1570	494	1360	1160	3320	343	1770	2140	402	881
13	1830	1380	993	354	1190	791	2000	343	1560	1260	1360	1400
14	385	738	999	354	608	1060	368	1370	1560	404	1140	1520
15	382	1710	826	354	611	2010	467	1080	1560	404	1060	326
16	1090	1300	369	354	615	1870	2230	1080	510	1180	2420	332
17	969	1170	366	453	348	470	2640	1120	343	1150	564	1820
18	969	366	1530	561	344	354	2800	1130	1650	1150	313	1690
19	954	366	1320	362	1820	2930	2660	523	1420	870	370	951
20	961	1080	1840	358	1120	3140	1330	989	1200	729	887	1090
21	511	983	1940	348	685	1520	321	1250	1200	368	955	1150
22	404	2160	1520	2460	562	1490	321	1160	1240	364	2000	810
23	836	1630	366	2550	472	2730	2210	1770	343	1120	1680	583
24	856	1280	366	1240	343	357	2060	990	343	1520	1550	1160
25	705	366	368	2510	360	354	1500	970	1170	2120	315	1140
26	709	484	1430	2520	1710	2730	1880	391	668	2010	313	1060
27	704	1100	1520	375	2030	2920	1290	391	1230	2300	1530	986
28	417	2060	1280	370	1610	3220	335	904	1480	690	1390	1520
29	417	2170	2110	1710	---	3040	332	2780	4110	1350	2400	343
30	858	1930	488	2430	---	3010	1650	4070	3260	2630	1590	343
31	708	---	817	2100	---	358	---	4070	---	2530	1390	---
TOTAL	30678	32884	36024	32269	26206	51560	50436	36166	56486	58789	41726	32871
MEAN	990	1096	1162	1041	936	1663	1681	1167	1883	1896	1346	1096
MAX	1830	2170	2590	2550	2030	3220	3720	4070	4890	4070	2950	2050
MIN	366	366	366	348	343	345	321	343	343	364	313	321
CFSM	.88	.98	1.04	.93	.84	1.49	1.50	1.04	1.68	1.69	1.20	.98
IN.	1.02	1.09	1.20	1.07	.87	1.71	1.68	1.20	1.88	1.95	1.39	1.09

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

MEAN	1499	1896	2129	2159	2072	2449	2570	2262	1607	1465	1377	1239
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	596	360	288	736	430	423	399
(WY)	1987	1985	1955	1956	1956	1986	1988	1988	1985	1986	1986	1986

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1950 - 2001

ANNUAL TOTAL		372174		486095								
ANNUAL MEAN		1017		1332						1893		
HIGHEST ANNUAL MEAN										3233		1990
LOWEST ANNUAL MEAN										808		1988
HIGHEST DAILY MEAN			5060	Apr 10		4890	Jun 6		13600	Apr 10	1964	
LOWEST DAILY MEAN			339	Jan 29		313	Aug 18		132	Mar 14	1993	
ANNUAL SEVEN-DAY MINIMUM			410	Feb 18		399	Jan 15		235	Mar 20	1955	
MAXIMUM PEAK FLOW						8360	Nov 8		22600	Mar 22	1964	
MAXIMUM PEAK STAGE							7.04	Nov 8		15.00	Mar 22	1964
ANNUAL RUNOFF (CFSM)		.91					1.19			1.69		
ANNUAL RUNOFF (INCHES)		12.37					16.16			22.99		
10 PERCENT EXCEEDS			1840			2650			4460			
50 PERCENT EXCEEDS			902			1160			1400			
90 PERCENT EXCEEDS			368			354			272			

STATISTICS COMPUTED BY: gabailey

DATE: 03/13/2002 AT: 15:28:34



STATION NUMBER 02394000 ETOWAH RIVER AT ALLATOONA DAM, ABV CARTERSVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340947 LONGITUDE 0844428 DRAINAGE AREA 1119 DATUM 686.92 STATE 13 COUNTY 015

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	1.18	1.45	2.27	1.58	2.01	2.32	1.20	1.91	2.09	3.05	3.04	1.43
2	1.73	1.72	1.21	2.15	1.94	2.25	2.52	1.76	2.09	3.02	2.58	1.16
3	2.10	1.77	1.21	1.98	1.45	1.18	1.84	1.77	3.66	2.65	2.47	1.73
4	1.96	1.21	2.79	1.75	1.54	1.19	1.17	1.50	2.54	3.12	1.32	2.11
5	1.97	1.20	2.26	1.41	2.12	3.05	2.14	1.30	4.45	2.96	1.62	2.13
6	1.91	1.81	2.25	1.20	1.80	2.92	3.15	1.30	4.50	3.42	1.89	2.39
7	1.13	1.93	2.29	1.20	1.57	2.75	1.61	1.67	4.35	3.42	2.06	2.03
8	1.13	1.98	1.67	1.39	1.43	1.88	1.54	1.46	4.48	3.54	2.57	1.16
9	2.11	1.56	1.21	1.56	1.24	1.86	3.62	1.56	1.23	3.89	2.87	1.66
10	2.07	1.20	1.21	1.77	1.18	1.19	2.73	1.25	1.23	2.60	1.60	2.27
11	2.00	1.20	1.99	1.36	1.33	1.18	3.63	1.26	1.41	2.20	1.16	1.96
12	2.12	1.20	2.03	1.27	1.90	1.74	3.31	1.18	2.25	2.47	1.21	1.56
13	2.12	1.87	1.65	1.19	1.79	1.48	2.39	1.18	2.08	1.82	1.83	1.91
14	1.15	1.46	1.66	1.19	1.36	1.70	1.21	1.86	2.10	1.24	1.73	2.03
15	1.14	2.18	1.51	1.19	1.37	2.38	1.27	1.66	2.10	1.24	1.69	1.17
16	1.61	1.88	1.20	1.19	1.37	2.25	2.43	1.67	1.34	1.76	2.69	1.17
17	1.54	1.76	1.21	1.25	1.18	1.26	2.69	1.70	1.23	1.77	1.31	2.23
18	1.54	1.21	2.03	1.33	1.18	1.19	2.81	1.72	2.16	1.77	1.15	2.15
19	1.52	1.21	1.89	1.20	2.22	3.06	2.72	1.31	2.00	1.55	1.19	1.61
20	1.52	1.71	2.24	1.19	1.73	3.19	1.81	1.62	1.78	1.43	1.55	1.64
21	1.22	1.65	2.34	1.18	1.41	2.04	1.16	1.79	1.78	1.21	1.61	1.76
22	1.16	2.50	1.96	2.71	1.31	2.01	1.16	1.77	1.81	1.20	2.37	1.46
23	1.45	2.12	1.20	2.77	1.26	2.90	2.42	2.22	1.23	1.74	2.13	1.32
24	1.46	1.85	1.20	1.84	1.18	1.19	2.31	1.63	1.23	2.01	2.05	1.77
25	1.35	1.21	1.20	2.64	1.20	1.19	1.94	1.64	1.75	2.47	1.16	1.73
26	1.35	1.28	1.96	2.72	2.16	2.90	2.19	1.23	1.40	2.34	1.15	1.68
27	1.35	1.72	2.00	1.22	2.39	3.04	1.79	1.23	1.73	2.57	2.00	1.63
28	1.16	2.40	1.86	1.21	2.08	3.24	1.17	1.58	1.88	1.38	1.93	2.02
29	1.16	2.51	2.45	2.09	---	3.13	1.17	2.96	3.93	1.88	2.62	1.18
30	1.46	2.31	1.27	2.66	---	3.12	2.05	3.90	3.30	2.81	2.03	1.18
31	1.35	---	1.50	2.42	---	1.20	---	3.90	---	2.75	1.93	---
MEAN	1.55	1.70	1.77	1.67	1.60	2.13	2.11	1.76	2.30	2.30	1.89	1.71
MAX	2.12	2.51	2.79	2.77	2.39	3.24	3.63	3.90	4.50	3.89	3.04	2.39
MIN	1.13	1.20	1.20	1.18	1.18	1.18	1.16	1.18	1.23	1.20	1.15	1.16

STATION NUMBER 02394000 ETOWAH RIVER AT ALLATOONA DAM, ABV CARTERSVILLE,GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340947 LONGITUDE 0844428 DRAINAGE AREA 1119 DATUM 686.92 STATE 13 COUNTY 015

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	---	---	---	---	---	---	---	---	---	---	---	.14
2	---	---	---	---	---	---	---	---	---	---	---	.21
3	---	---	---	---	---	---	---	---	---	---	---	.42
4	---	---	---	---	---	---	---	---	---	---	---	.00
5	---	---	---	---	---	---	---	---	---	---	---	.01
6	---	---	---	---	---	---	---	---	---	---	---	.00
7	---	---	---	---	---	---	---	---	---	---	---	.00
8	---	---	---	---	---	---	---	---	---	---	---	.00
9	---	---	---	---	---	---	---	---	---	---	---	.00
10	---	---	---	---	---	---	---	---	---	---	---	.00
11	---	---	---	---	---	---	---	---	---	---	---	.00
12	---	---	---	---	---	---	---	---	---	---	---	.00
13	---	---	---	---	---	---	---	---	---	---	---	.00
14	---	---	---	---	---	---	---	---	---	---	---	.02
15	---	---	---	---	---	---	---	---	---	---	---	.00
16	---	---	---	---	---	---	---	---	---	---	---	.00
17	---	---	---	---	---	---	---	---	---	---	---	.00
18	---	---	---	---	---	---	---	---	---	---	---	.00
19	---	---	---	---	---	---	---	---	---	---	---	.09
20	---	---	---	---	---	---	---	---	---	---	---	.01
21	---	---	---	---	---	---	---	---	---	---	---	.00
22	---	---	---	---	---	---	---	---	---	---	---	.00
23	---	---	---	---	---	---	---	---	---	---	---	.08
24	---	---	---	---	---	---	---	---	---	---	---	.37
25	---	---	---	---	---	---	---	---	---	---	---	.00
26	---	---	---	---	---	---	---	---	---	---	---	.00
27	---	---	---	---	---	---	---	---	---	---	---	.00
28	---	---	---	---	---	---	---	---	---	---	---	.00
29	---	---	---	---	---	---	---	---	---	---	.01	.00
30	---	---	---	---	---	---	---	---	---	---	.03	.00
31	---	---	---	---	---	---	---	---	---	---	1.77	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	1.35

**MOBILE RIVER BASIN  
2001 Water Year**

**02394670 ETOWAH RIVER AT GA 61, NEAR CARTERSVILLE, GA**

**LOCATION.**---Lat. 34<sup>0</sup>08'34" , Long. 84<sup>0</sup>50'20" , Bartow County, Hydrologic Unit 03150104, on GA 61, 3.0 miles southeast of Cartersville, GA.

**DRAINAGE AREA.**—1,345 mi<sup>2</sup>.

**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. 22, 1939 at a site 200 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 sea level.

**REMARKS.**---Records poor. 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, Sept. 25, 1939, from U.S. Weather Service gage-height records.

**EXTREMES FOR CURRENT YEAR.**---Maximum gage-height recorded, 16.36 feet, March 21; minimum gage-height recorded, 4.56 feet, September 30.

STATION NUMBER 02394670 ETOWAH RIVER AT GA 61, NEAR CARTERSVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 340834 LONGITUDE 0845020 DRAINAGE AREA 1345.00 DATUM 650.81 STATE 13 COUNTY 015

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	7.96	---	6.55	5.70
2	5.84	5.58	4.87	6.83	6.64	6.91	7.29	6.19	8.33	---	6.40	4.95
3	6.46	5.83	4.75	6.62	6.00	5.02	6.83	6.28	9.86	---	6.53	6.03
4	6.65	5.13	7.50	5.85	5.69	6.20	5.23	5.77	8.53	---	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	10.84	---	6.10	6.41
7	4.66	6.47	6.96	4.69	5.74	8.79	6.35	5.92	10.90	7.09	6.73	5.83
8	4.48	5.73	6.00	5.33	5.45	6.99	5.85	5.59	10.58	9.19	6.16	4.77
9	6.47	7.86	4.71	5.56	5.02	6.64	8.58	5.49	5.75	9.81	6.92	5.46
10	6.79	6.51	4.70	5.82	4.88	5.04	8.44	5.04	5.03	7.77	5.79	5.88
11	6.66	5.08	6.24	5.05	5.36	5.01	9.05	4.93	5.22	6.81	4.87	5.82
12	7.03	4.86	6.46	4.89	6.35	6.40	5.48	4.79	6.92	7.31	5.03	5.36
13	6.90	6.06	5.70	4.67	6.44	8.46	5.09	4.77	5.27	6.37	6.47	5.78
14	4.71	5.63	5.72	4.72	5.60	6.80	5.15	5.38	5.29	5.01	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	5.13	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	5.61	5.74	4.72	---
19	5.39	4.86	6.27	6.52	6.73	7.93	8.33	5.22	6.20	5.72	4.82	---
20	5.55	6.09	6.75	7.42	6.47	11.28	6.26	5.50	5.94	5.65	5.38	5.83
21	4.75	5.82	6.94	5.00	5.90	9.99	5.66	6.04	5.44	5.12	5.42	5.81
22	4.54	6.75	6.64	6.09	6.28	7.54	4.82	6.13	5.85	4.88	5.74	5.49
23	5.00	7.14	5.06	7.52	5.94	8.19	7.14	6.75	5.33	5.55	5.90	5.05
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	6.19	9.62	4.70	6.00
26	5.01	5.23	6.30	8.45	6.32	7.64	8.69	4.97	5.27	8.03	4.65	5.79
27	5.22	5.85	6.30	4.51	7.38	8.42	8.34	4.91	5.44	6.97	6.00	5.77
28	4.47	7.29	6.01	4.48	6.61	8.68	7.41	5.28	5.52	5.61	6.28	6.31
29	4.46	7.03	7.51	6.46	---	8.74	6.86	8.12	9.78	6.26	7.28	4.62
30	4.85	7.28	5.16	7.78	---	8.71	8.53	9.54	9.88	7.67	6.57	4.59
31	5.04	---	5.46	7.98	---	5.70	---	9.38	---	6.66	5.98	---
MEAN	5.48	5.94	5.95	5.81	5.94	7.42	7.00	5.88	7.00	---	5.84	---
MAX	7.03	7.86	7.51	8.45	7.38	11.28	9.05	9.54	11.45	---	7.28	---
MIN	4.45	4.58	4.70	4.48	4.88	5.00	4.82	4.77	4.98	---	4.65	---

**MOBILE RIVER BASIN  
2001 Water Year**

**02394820 EUHARLEE CREEK AT US 278, AT ROCKMART, GA**

**LOCATION.**--Lat 33°59'55", long 85°03'09", Polk County, Hydrologic Unit 03150104, at US Highway 278 (GA Highway 6) at Rockmart.

**DRAINAGE AREA.**—42.1 mi<sup>2</sup>.

**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 sea level.

**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<sup>3</sup>/s, March 4, 1979

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 8.84 feet, March 20

**DISCHARGE:** 2,014 ft<sup>3</sup>/s, March 20

**MOBILE RIVER BASIN  
2001 Water Year**

**02394869 EUHARLEE CREEK NEAR ARAGON, GA**

**LOCATION.**--Lat 34<sup>0</sup>04'33", Long 85<sup>0</sup>01'57", Polk County, Hydrologic Unit 03150104, 0.26 miles upstream of Taylorsville Road bridge, 2.6 miles northeast of Aragon.

**DRAINAGE AREA.**—93.1 mi<sup>2</sup>.

**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 790 feet (from topographic map).

**RATING.**--Rating Number 1, effective July 14, 2000 to September 30, 2001.

**REMARKS.**--Records fair. Measurements for the 2000 through the 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
10/30/00	8.09	28.6
02/20/01	8.93	118
06/07/01	8.85	119
08/17/01	8.22	50.0
10/10/01	8.09	38.0

**MOBILE RIVER BASIN  
2001 Water Year**

**02394870 EUHARLEE CREEK AT TAYLORSVILLE ROAD, NEAR ARAGON, GA**

**LOCATION.**--Lat 34<sup>0</sup>04'33", long 85<sup>0</sup>01'47", Polk County, Hydrologic Unit 03150104, upstream of Taylorsville Road bridge, 2.6 miles northeast of Aragon.

**DRAINAGE AREA.**—98.1 mi<sup>2</sup>.

**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 790.00 feet (from topographic map).

**RATING.**--Rating Number 1, effective July 14, 2000 to September 30, 2000.

**REMARKS.**--Records good. Measurements for the 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
10/30/00	8.07	38.5
02/20/01	8.91	128
06/07/01	8.81	124
08/17/01	8.22	54.8

**MOBILE RIVER BASIN  
2001 Water Year**

**02395000 ETOWAH RIVER NEAR KINGSTON, GA**

**LOCATION.**--Lat 34°12'24", long 84°58'44", Bartow County, Hydrologic Unit 03150104, on right bank 125 feet from the downstream side of bridge on US Highway 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<sup>2</sup>.

**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 736.35 feet above sea level.

**REMARKS.**--Records good. Flow regulated by Lake Allatoona.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 9.98 feet, July 25; minimum gage-height recorded, 3.24 feet, August 27.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--July 2, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**-- Records good.



STATION NUMBER 02395000 ETOWAH RIVER NEAR KINGSTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 341224 LONGITUDE 0845844 DRAINAGE AREA 1634 DATUM 609.97 STATE 13 COUNTY 015

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	---	---	---	---	---	---	---	---	---	---	6.03	4.79
2	---	---	---	---	---	---	---	---	---	---	5.97	4.29
3	---	---	---	---	---	---	---	---	---	---	5.31	3.94
4	---	---	---	---	---	---	---	---	---	---	4.67	5.11
5	---	---	---	---	---	---	---	---	---	---	4.26	5.31
6	---	---	---	---	---	---	---	---	---	---	4.57	5.28
7	---	---	---	---	---	---	---	---	---	7.00	5.10	5.11
8	---	---	---	---	---	---	---	---	---	6.94	5.21	4.29
9	---	---	---	---	---	---	---	---	---	7.29	5.96	3.87
10	---	---	---	---	---	---	---	---	---	6.17	5.03	4.87
11	---	---	---	---	---	---	---	---	---	5.25	4.30	5.16
12	---	---	---	---	---	---	---	---	---	5.55	3.89	4.12
13	---	---	---	---	---	---	---	---	---	5.08	4.43	4.65
14	---	---	---	---	---	---	---	---	---	4.48	4.31	4.71
15	---	---	---	---	---	---	---	---	---	3.74	5.04	4.25
16	---	---	---	---	---	---	---	---	---	3.88	5.21	3.50
17	---	---	---	---	---	---	---	---	---	4.68	4.57	4.20
18	---	---	---	---	---	---	---	---	---	4.70	3.78	4.72
19	---	---	---	---	---	---	---	---	---	4.28	3.59	4.66
20	---	---	---	---	---	---	---	---	---	4.22	3.78	4.58
21	---	---	---	---	---	---	---	---	---	4.26	4.41	4.15
22	---	---	---	---	---	---	---	---	---	3.69	4.61	4.54
23	---	---	---	---	---	---	---	---	---	4.08	5.12	3.89
24	---	---	---	---	---	---	---	---	---	4.51	5.04	3.90
25	---	---	---	---	---	---	---	---	---	6.83	4.27	4.73
26	---	---	---	---	---	---	---	---	---	6.64	3.49	4.55
27	---	---	---	---	---	---	---	---	---	5.98	3.99	4.85
28	---	---	---	---	---	---	---	---	---	4.90	4.77	4.41
29	---	---	---	---	---	---	---	---	---	4.70	5.17	4.05
30	---	---	---	---	---	---	---	---	---	5.48	5.11	3.50
31	---	---	---	---	---	---	---	---	---	6.33	5.02	---
MEAN	---	---	---	---	---	---	---	---	---	---	4.71	4.47
MAX	---	---	---	---	---	---	---	---	---	---	6.03	5.31
MIN	---	---	---	---	---	---	---	---	---	---	3.49	3.50

STATION NUMBER 02395000 ETOWAH RIVER NEAR KINGSTON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 341224 LONGITUDE 0845844 DRAINAGE AREA 1634 DATUM 609.97 STATE 13 COUNTY 015

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

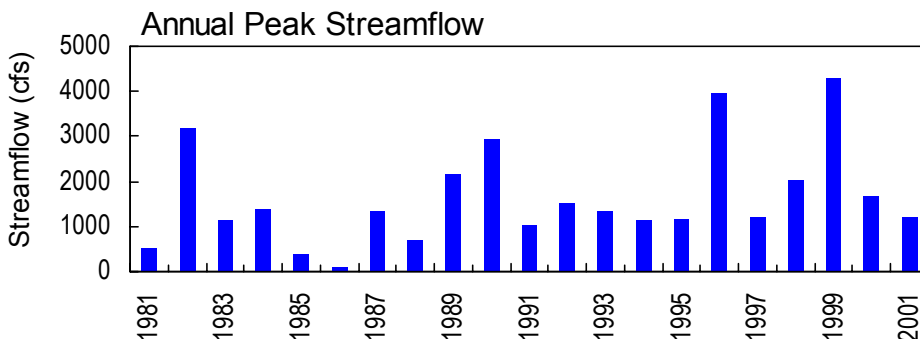
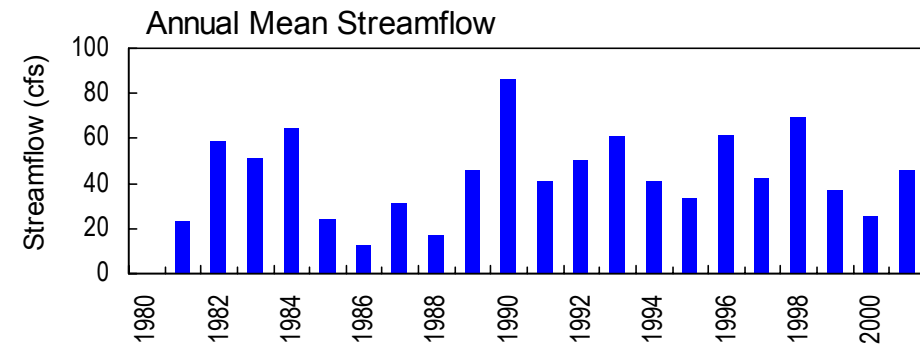
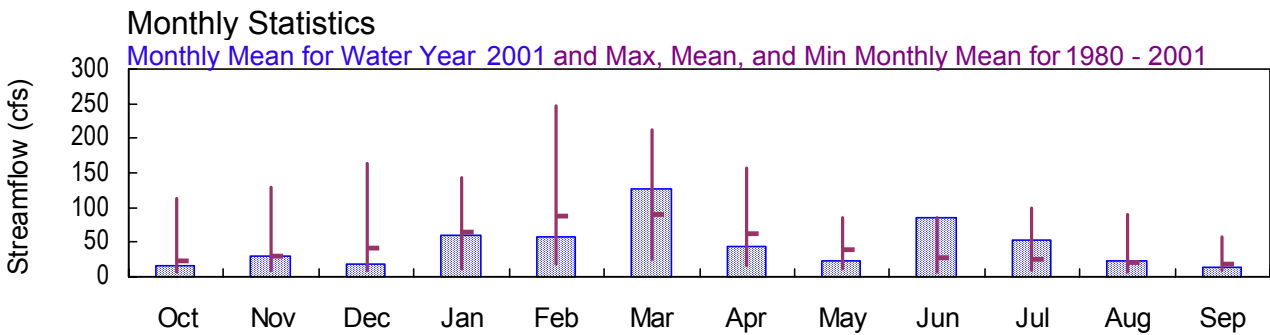
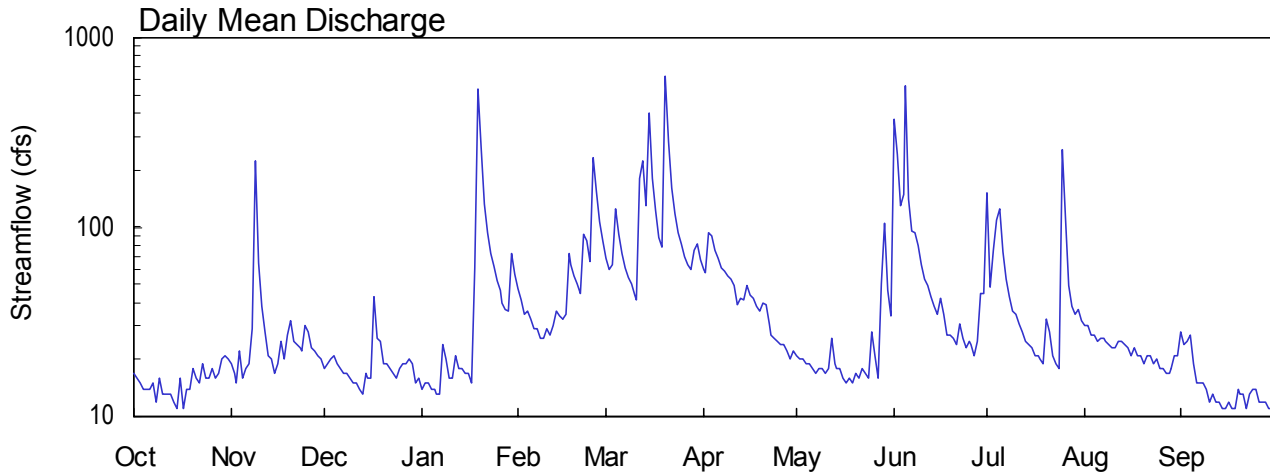
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	.01	.17
2	---	---	---	---	---	---	---	---	---	---	.00	.25
3	---	---	---	---	---	---	---	---	---	.02	.01	.38
4	---	---	---	---	---	---	---	---	---	---	.00	.00
5	---	---	---	---	---	---	---	---	---	---	.15	.00
6	---	---	---	---	---	---	---	---	---	.00	.09	.00
7	---	---	---	---	---	---	---	---	---	.00	.09	.00
8	---	---	---	---	---	---	---	---	---	.00	.00	.00
9	---	---	---	---	---	---	---	---	---	.66	.00	.00
10	---	---	---	---	---	---	---	---	---	.00	.00	.00
11	---	---	---	---	---	---	---	---	---	.00	.29	.00
12	---	---	---	---	---	---	---	---	---	.00	.65	.00
13	---	---	---	---	---	---	---	---	---	.00	.11	.00
14	---	---	---	---	---	---	---	---	---	.00	.01	.00
15	---	---	---	---	---	---	---	---	---	.00	.00	.00
16	---	---	---	---	---	---	---	---	---	.00	.00	.00
17	---	---	---	---	---	---	---	---	---	.00	.62	.00
18	---	---	---	---	---	---	---	---	---	.00	.00	.00
19	---	---	---	---	---	---	---	---	---	.00	.00	.37
20	---	---	---	---	---	---	---	---	---	.03	.00	.00
21	---	---	---	---	---	---	---	---	---	.00	.00	.00
22	---	---	---	---	---	---	---	---	---	.00	.00	.00
23	---	---	---	---	---	---	---	---	---	.00	.00	.00
24	---	---	---	---	---	---	---	---	---	.00	.00	.27
25	---	---	---	---	---	---	---	---	---	.22	.00	.00
26	---	---	---	---	---	---	---	---	---	.01	.00	.00
27	---	---	---	---	---	---	---	---	---	.03	.00	.00
28	---	---	---	---	---	---	---	---	---	.25	.00	.00
29	---	---	---	---	---	---	---	---	---	.57	.02	.00
30	---	---	---	---	---	---	---	---	---	.03	.02	.00
31	---	---	---	---	---	---	---	---	---	.00	1.03	---
TOTAL	---	---	---	---	---	---	---	---	---	---	3.10	1.44

# MOBILE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 723.1 feet Period of Record: 1980 - 2001



USGS 02395120 TWO RUN CREEK NEAR KINGSTON, GA

**MOBILE RIVER BASIN  
2001 Water Year**

**02395120 TWO RUN CREEK NEAR KINGSTON, GA**

**LOCATION.**--Lat 34°14'34", long 84°53'23", Bartow County, Hydrologic Unit 03150104, on right bank 200 feet upstream from bridge on GA Highway 293, 1.9 miles upstream from Limekiln Branch, and 3.0 miles east of Kingston.

**DRAINAGE AREA.**--33.1 mi<sup>2</sup>.

**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 sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records good.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 500 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Nov. 9	1615	524	4.48
Jan. 19	1815	1030	5.79
Mar. 12	2215	600	4.75
Mar. 15	1030	727	5.16
Mar. 20	1515	1010	5.75
June 1	1630	916	5.61
June 5	0630	1210*	6.04*
July 25	1700	672	4.99

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--May 1980 to current year.

**GAGE.**-- Water-stage recorder. Datum of gage is 723.10 feet above sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 6.04 feet, June 5; minimum gage-height recorded, 1.12 feet, October 14-15, 17.

STATION NUMBER 02395120 TWO RUN CREEK NEAR KINGSTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341434 LONGITUDE 0845323 DRAINAGE AREA 33.10 DATUM 723.10 STATE 13 COUNTY 015

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	17	19	18	14	47	69	60	21	372	152	30	28
2	16	17	19	15	41	60	57	20	241	48	30	24
3	15	15	20	15	35	63	93	20	130	75	27	25
4	14	22	21	14	36	126	89	19	149	110	27	27
5	14	16	19	14	33	91	76	19	557	125	25	19
6	14	18	18	13	29	72	68	18	141	74	26	15
7	15	19	17	13	29	61	61	17	96	53	26	15
8	12	29	17	24	26	54	59	18	93	43	25	15
9	16	223	16	20	26	50	55	18	80	36	24	14
10	13	65	15	16	29	44	53	17	63	35	23	12
11	13	38	15	16	27	41	49	18	53	31	23	13
12	13	28	14	21	30	182	39	26	49	28	25	12
13	13	21	13	18	36	222	42	19	43	25	25	12
14	12	20	17	18	34	130	41	18	38	24	24	11
15	11	17	16	17	33	402	49	18	35	23	23	11
16	16	19	16	17	35	180	44	16	42	21	21	12
17	11	25	43	15	72	123	42	15	35	21	23	11
18	14	20	26	61	63	88	38	16	27	20	21	11
19	14	27	25	537	55	79	36	15	27	19	21	14
20	18	32	19	260	50	624	40	17	26	33	19	13
21	16	25	19	133	45	285	39	16	24	28	21	13
22	15	24	18	94	92	160	31	18	31	21	21	11
23	19	23	17	73	84	119	27	17	26	19	19	13
24	16	22	16	62	66	94	26	16	23	18	20	14
25	16	30	18	52	235	82	25	28	25	256	18	14
26	18	28	19	46	154	70	24	21	24	112	18	12
27	16	23	19	40	108	63	24	16	21	49	17	12
28	17	22	20	37	84	60	22	50	25	38	17	12
29	20	21	19	36	---	76	20	106	45	35	18	11
30	21	20	15	73	---	82	22	46	45	37	21	11
31	20	---	16	56	---	67	---	34	---	32	21	---
TOTAL	475	928	580	1840	1634	3919	1351	733	2586	1641	699	437
MEAN	15.3	30.9	18.7	59.4	58.4	126	45.0	23.6	86.2	52.9	22.5	14.6
MAX	21	223	43	537	235	624	93	106	557	256	30	28
MIN	11	15	13	13	26	41	20	15	21	18	17	11
CFSM	.46	.93	.57	1.79	1.76	3.82	1.36	.71	2.60	1.60	.68	.44
IN.	.53	1.04	.65	2.07	1.84	4.40	1.52	.82	2.91	1.84	.79	.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2001, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
MEAN	24.1	29.2	41.3	64.0	86.7	90.7	63.4	38.7	27.4	25.2	21.3	18.7	15.3	30.9	18.7	59.4	58.4	126	45.0	23.6	86.2	52.9	22.5	14.6
MAX	112	129	164	144	247	213	156	84.9	86.2	98.9	90.9	57.9	21	223	43	537	235	624	93	106	557	256	30	28
(WY)	1990	1993	1984	1996	1990	1990	1982	1984	2001	1999	1992	1989	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	11	15	13	26	41	20	15	21	18	17	11	
(WY)	1988	1988	1989	1981	1986	1988	1986	1986	1988	1986	1988	1986	1988	1988	1988	1989	1981	1986	1988	1986	1986	1988	1988	1986

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1980 - 2001

ANNUAL TOTAL		9887.0		16823																				
ANNUAL MEAN		27.0		46.1						44.0														
HIGHEST ANNUAL MEAN										86.2		1990												
LOWEST ANNUAL MEAN										12.9		1986												
HIGHEST DAILY MEAN		1090		Apr 3		624		Mar 20		1840		Jan 27 1996												
LOWEST DAILY MEAN		7.1		Aug 16		11		Oct 15		4.5		Oct 12 1988												
ANNUAL SEVEN-DAY MINIMUM		8.8		Aug 10		11		Sep 12		5.2		Oct 7 1988												
MAXIMUM PEAK FLOW						1210		Jun 5		4300		Jul 12 1999												
MAXIMUM PEAK STAGE						6.04		Jun 5		8.65		Jul 12 1999												
ANNUAL RUNOFF (CFSM)		.82				1.39				1.33														
ANNUAL RUNOFF (INCHES)		11.11				18.91				18.07														
10 PERCENT EXCEEDS		39				91				83														
50 PERCENT EXCEEDS		17				24				23														
90 PERCENT EXCEEDS		10				14				10														

STATISTICS COMPUTED BY: jkjoiner

DATE: 04/09/2002 AT: 14:23:09

STATION NUMBER 02395120 TWO RUN CREEK NEAR KINGSTON, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341434 LONGITUDE 0845323 DRAINAGE AREA 33.10 DATUM 723.10 STATE 13 COUNTY 015

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

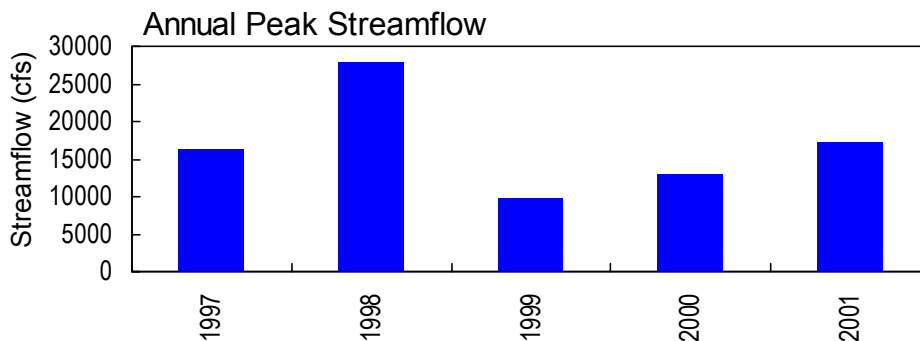
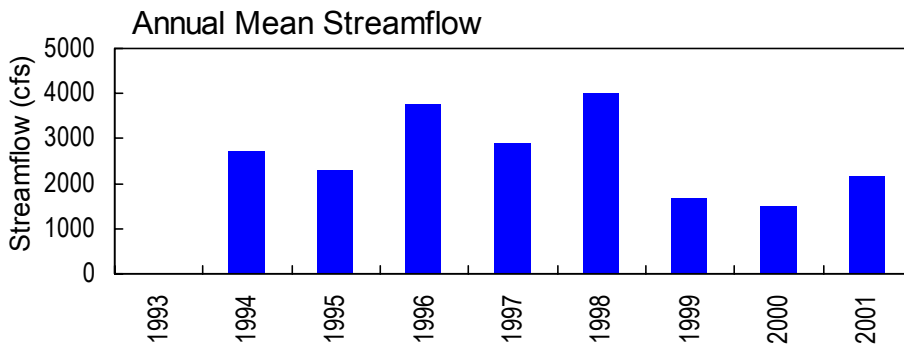
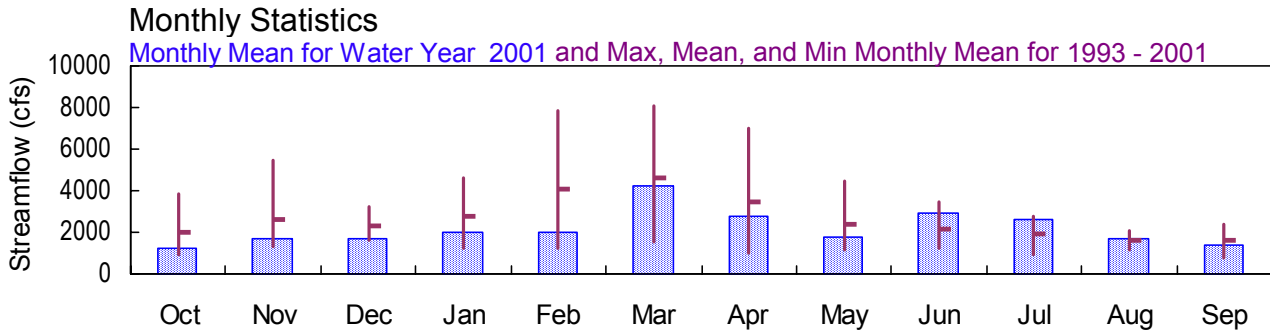
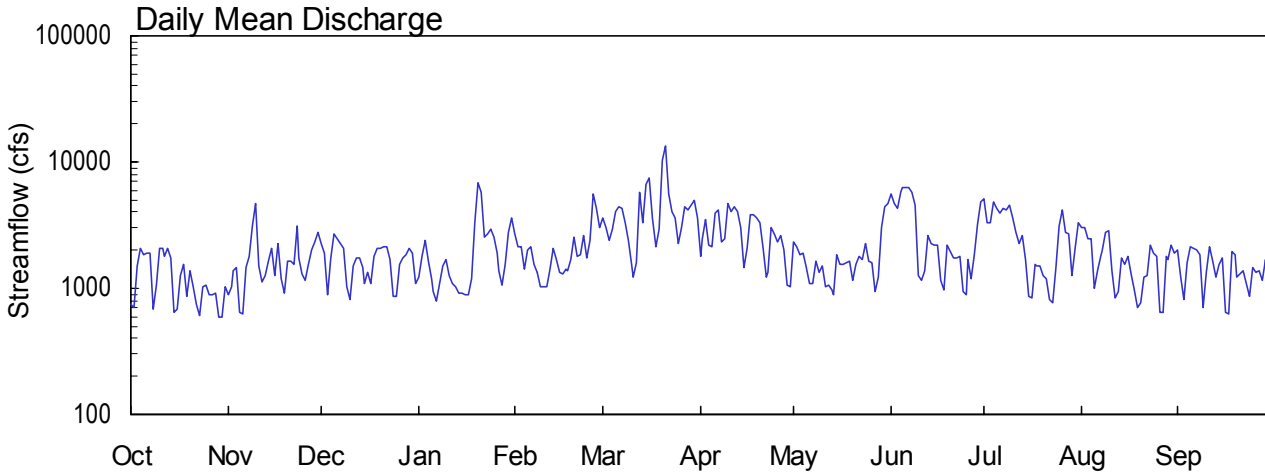
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.20	1.22	1.25	1.21	1.44	1.57	1.52	1.27	3.22	2.11	1.30	1.28
2	1.19	1.20	1.25	1.21	1.40	1.52	1.50	1.27	2.65	1.44	1.29	1.25
3	1.18	1.18	1.26	1.21	1.37	1.53	1.70	1.26	1.92	1.61	1.27	1.25
4	1.17	1.24	1.27	1.21	1.37	1.89	1.68	1.25	2.04	1.81	1.27	1.30
5	1.17	1.19	1.25	1.21	1.36	1.69	1.61	1.25	3.97	1.90	1.25	1.26
6	1.17	1.21	1.24	1.20	1.33	1.59	1.56	1.25	1.98	1.60	1.26	1.23
7	1.18	1.21	1.24	1.20	1.33	1.52	1.52	1.24	1.72	1.47	1.26	1.23
8	1.15	1.31	1.24	1.30	1.31	1.47	1.51	1.25	1.70	1.41	1.25	1.23
9	1.19	2.56	1.23	1.26	1.31	1.45	1.48	1.24	1.64	1.37	1.25	1.22
10	1.16	1.54	1.22	1.23	1.33	1.42	1.47	1.23	1.54	1.37	1.24	1.21
11	1.16	1.38	1.22	1.23	1.32	1.40	1.45	1.24	1.47	1.34	1.24	1.21
12	1.16	1.32	1.21	1.27	1.33	2.28	1.39	1.31	1.44	1.32	1.25	1.20
13	1.16	1.27	1.20	1.24	1.37	2.52	1.41	1.25	1.41	1.30	1.25	1.20
14	1.15	1.26	1.24	1.25	1.36	1.91	1.40	1.25	1.38	1.30	1.25	1.20
15	1.14	1.24	1.23	1.24	1.36	3.58	1.45	1.24	1.37	1.29	1.23	1.19
16	1.18	1.26	1.23	1.23	1.37	2.24	1.42	1.23	1.41	1.27	1.23	1.20
17	1.14	1.31	1.41	1.22	1.59	1.87	1.41	1.22	1.37	1.27	1.24	1.19
18	1.17	1.26	1.31	1.51	1.53	1.68	1.38	1.23	1.32	1.26	1.22	1.19
19	1.17	1.31	1.30	3.94	1.48	1.63	1.37	1.22	1.32	1.26	1.22	1.22
20	1.20	1.35	1.26	2.78	1.45	4.43	1.40	1.24	1.31	1.34	1.21	1.22
21	1.18	1.31	1.26	1.93	1.42	2.96	1.39	1.23	1.30	1.33	1.22	1.21
22	1.18	1.30	1.24	1.71	1.69	2.10	1.35	1.24	1.34	1.27	1.22	1.20
23	1.21	1.29	1.24	1.59	1.65	1.85	1.32	1.24	1.31	1.26	1.20	1.21
24	1.19	1.28	1.23	1.53	1.55	1.71	1.31	1.23	1.29	1.25	1.21	1.22
25	1.19	1.34	1.25	1.46	2.65	1.64	1.30	1.33	1.30	2.73	1.19	1.22
26	1.21	1.33	1.25	1.43	2.06	1.58	1.29	1.27	1.30	1.83	1.19	1.21
27	1.19	1.29	1.25	1.40	1.79	1.54	1.30	1.23	1.27	1.44	1.19	1.21
28	1.19	1.28	1.26	1.38	1.66	1.51	1.28	1.45	1.30	1.36	1.19	1.20
29	1.22	1.27	1.25	1.37	---	1.61	1.26	1.79	1.43	1.34	1.19	1.20
30	1.23	1.26	1.22	1.59	---	1.64	1.28	1.43	1.43	1.35	1.22	1.20
31	1.23	---	1.23	1.49	---	1.56	---	1.36	---	1.32	1.22	---
MEAN	1.18	1.33	1.25	1.48	1.51	1.90	1.42	1.28	1.65	1.47	1.23	1.22
MAX	1.23	2.56	1.41	3.94	2.65	4.43	1.70	1.79	3.97	2.73	1.30	1.30
MIN	1.14	1.18	1.20	1.20	1.31	1.40	1.26	1.22	1.27	1.25	1.19	1.19

# MOBILE RIVER BASIN

## 2001 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: 1801 mi<sup>2</sup> Datum: 561.7 feet Period of Record: 1993 - 2001



**MOBILE RIVER BASIN**  
**2001 Water Year**

**02395980 ETOWAH RIVER AT GA 1 LOOP, NEAR ROME, GA**

**LOCATION.**--Lat 34°13'56", long 85°07'01", 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<sup>2</sup>.

**COOPERATION.**--US 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 sea level. 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.

**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<sup>3</sup>/s, from gage readings and discharge measurements by U.S. Army Corps of Engineers at former site (Southern Railway bridge) and datum.



**MOBILE RIVER BASIN  
2001 Water Year**

**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 sea level. 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, 29.52 feet, March 21; minimum gage-height recorded, 12.54 feet, October 23.

STATION NUMBER 02395980 ETOWAH RIVER AT GA 1 LOOP, NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341356 LONGITUDE 0850701 DRAINAGE AREA 1801 DATUM 561.70 STATE 13 COUNTY 115

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	737	892	2230	1220	2690	3590	1780	2320	5520	5130	3030	2010
2	712	1040	1880	1780	2110	2990	2470	2110	4660	3290	3060	1240
3	1510	1390	892	2390	2120	2380	3500	1860	4250	3290	2500	810
4	2050	1470	1740	1640	1420	2980	2200	1890	5720	4880	2500	1600
5	1870	653	2680	1190	1990	4070	2120	1460	6320	4320	1010	2150
6	1910	629	2440	943	2110	4480	3890	1080	6360	3920	1390	2070
7	1880	1470	2260	786	1530	4260	4230	1080	6220	4280	1800	e2000
8	692	1780	2090	1090	1320	3280	2360	1620	5790	4200	2030	1830
9	1060	3130	1020	1510	1030	2420	2480	1350	4610	4590	2740	704
10	2090	4680	809	1700	1030	1560	4650	1490	1260	3590	2890	1320
11	2080	1510	1490	1270	1040	1230	4010	1030	1150	2800	1390	2130
12	1780	1110	1760	1090	1400	1600	4440	1060	1370	2270	849	1630
13	2100	1260	1730	1020	2070	5790	4040	965	2610	2580	936	1230
14	1730	1620	1460	928	1710	3260	3060	886	2240	1710	1740	1560
15	637	2080	1080	910	1320	6730	1470	1850	2200	855	1540	1740
16	686	1270	1350	895	1300	7560	2100	1550	2210	834	e1800	641
17	1280	2270	1100	883	1400	3650	3780	1530	1170	1570	e1300	625
18	1540	1190	1780	1190	1390	2110	3810	1600	958	1510	965	1950
19	871	922	2050	3260	1690	2960	3640	1620	2200	1490	710	1870
20	1360	1640	2070	6770	2570	10200	3260	1160	1940	1280	760	1210
21	1040	1660	2130	e5800	1790	13400	2050	1570	1720	1190	1210	1310
22	745	1550	2140	2530	1830	5560	1210	1800	1720	817	1270	1370
23	601	3130	1680	e2700	2580	4010	1330	1710	1790	763	2200	1090
24	1040	1740	871	2920	1730	3600	3020	2260	942	1450	1920	868
25	1050	1310	874	2570	2380	2270	2690	1650	880	3090	1800	1440
26	903	1150	1530	e1900	5520	2990	2300	1600	1680	4180	653	1350
27	903	1570	1740	1390	4250	4360	2610	947	1180	2760	637	1380
28	906	1990	1840	1070	3040	4210	2030	1230	1820	2690	1770	1160
29	600	2300	2070	1530	---	4500	1060	3000	3200	1260	1670	1690
30	595	2750	1880	2750	---	5020	1030	4430	4760	2070	e2200	622
31	1030	---	1100	3620	---	3580	---	4640	---	3300	1890	---
TOTAL	37988	51156	51766	61245	56360	130600	82620	54348	88450	81959	52160	42600
MEAN	1225	1705	1670	1976	2013	4213	2754	1753	2948	2644	1683	1420
MAX	2100	4680	2680	6770	5520	13400	4650	4640	6360	5130	3060	2150
MIN	595	629	809	786	1030	1230	1030	886	880	763	637	622
CFSM	.68	.95	.93	1.10	1.12	2.34	1.53	.97	1.64	1.47	.93	.79
IN.	.78	1.06	1.07	1.27	1.16	2.70	1.71	1.12	1.83	1.69	1.08	.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2001, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	2036	2601	2289	2759	4074	4626	3462	2365	2187
MAX	3864	5446	3240	4617	7819	8045	7032	4424	3472
(WY)	1996	1996	1997	1998	1998	1996	1998	1997	1994
MIN	943	1284	1649	1269	1258	1530	1011	1191	1230
(WY)	2000	1999	2000	2000	2000	2000	1999	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1993 - 2001

ANNUAL TOTAL	557271	791252	
ANNUAL MEAN	1523	2168	2628
HIGHEST ANNUAL MEAN			3995
LOWEST ANNUAL MEAN			1491
HIGHEST DAILY MEAN	10500	Apr 4	13400
LOWEST DAILY MEAN	481	Aug 14	595
ANNUAL SEVEN-DAY MINIMUM	665	Jul 23	833
MAXIMUM PEAK FLOW			17300
MAXIMUM PEAK STAGE			29.52
ANNUAL RUNOFF (CFSM)	.85		1.20
ANNUAL RUNOFF (INCHES)	11.51		16.34
10 PERCENT EXCEEDS	2280		4220
50 PERCENT EXCEEDS	1300		1740
90 PERCENT EXCEEDS	684		894

STATISTICS COMPUTED BY: kerestes

DATE: 04/04/2002 AT: 13:36:20

e Estimated

STATION NUMBER 02395980 ETOWAH RIVER AT GA 1 LOOP, NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341356 LONGITUDE 0850701 DRAINAGE AREA 1801 DATUM 561.70 STATE 13 COUNTY 115

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	12.88	13.07	14.63	13.48	15.29	16.18	14.16	14.70	17.99	17.57	15.54	14.54
2	12.84	13.25	14.24	14.14	14.68	15.58	14.87	14.48	17.17	15.79	15.57	13.70
3	13.80	13.65	13.10	14.80	14.68	14.96	15.96	14.22	16.79	15.79	14.98	13.16
4	14.40	13.75	14.01	13.95	13.91	15.57	14.62	14.25	18.13	17.30	15.00	14.09
5	14.19	12.75	15.11	13.46	14.50	16.63	14.53	13.80	18.67	16.83	13.42	14.65
6	14.23	12.71	14.85	13.15	14.67	17.02	16.34	13.35	18.83	16.42	13.85	14.56
7	14.22	13.74	14.66	12.95	14.01	16.81	16.62	13.35	18.61	16.77	14.30	---
8	12.81	14.12	14.48	13.34	13.79	15.88	14.77	13.96	18.18	16.70	14.53	14.31
9	13.22	15.53	13.25	13.84	13.45	14.98	14.89	13.66	17.03	17.07	15.25	13.00
10	14.49	17.16	12.98	14.03	13.45	14.08	17.01	13.81	13.75	16.08	15.38	13.75
11	14.47	13.87	13.73	13.56	13.46	13.71	16.43	13.29	13.61	15.30	13.85	14.61
12	14.15	13.40	14.07	13.35	13.89	14.11	16.80	13.33	13.86	14.78	13.21	14.08
13	14.49	13.55	14.07	13.28	14.63	18.62	16.41	13.21	15.14	15.09	13.32	13.65
14	14.06	13.96	13.76	13.16	14.25	16.45	15.47	13.09	14.77	14.20	14.22	14.01
15	12.72	14.42	13.32	13.13	13.80	19.21	13.82	14.19	14.72	13.22	14.02	14.21
16	12.79	13.54	13.65	13.11	13.78	21.19	14.50	13.87	14.73	13.19	---	12.90
17	13.55	14.66	13.38	13.09	13.95	17.55	16.24	13.84	13.63	14.05	---	12.87
18	13.85	13.48	14.10	13.47	14.22	14.93	16.26	13.92	13.37	13.98	13.35	14.40
19	13.04	13.15	14.43	15.90	14.38	15.50	16.08	13.96	14.70	13.95	13.01	14.33
20	13.68	13.96	14.43	21.22	15.20	22.45	15.69	13.45	14.45	13.72	13.08	13.63
21	13.29	14.01	14.52	---	14.33	28.16	14.44	13.90	14.22	13.63	13.63	13.74
22	12.88	13.88	14.54	15.78	14.37	23.52	13.51	14.15	14.22	13.17	13.69	13.80
23	12.67	15.56	14.02	---	15.19	20.33	13.64	14.05	14.30	13.09	14.68	13.49
24	13.25	14.07	13.07	15.52	14.27	17.55	15.45	14.62	13.35	13.91	14.39	13.22
25	13.26	13.61	13.08	15.12	14.92	14.73	15.10	14.00	13.26	15.63	14.26	13.89
26	13.09	13.45	13.79	---	18.09	15.41	14.69	13.93	14.19	16.96	12.92	13.81
27	13.09	13.90	14.06	13.88	17.09	16.80	15.02	13.18	13.62	15.66	12.89	13.85
28	13.09	14.35	14.21	13.52	15.69	16.66	14.41	13.52	14.35	15.19	14.25	13.55
29	12.66	14.71	14.44	14.01	---	16.95	13.33	15.46	15.79	13.73	14.14	14.14
30	12.65	15.18	14.23	15.33	---	17.46	13.30	16.88	17.22	14.60	---	12.87
31	13.23	---	13.35	16.19	---	16.02	---	17.08	---	15.83	14.38	---
MEAN	13.45	14.01	13.99	---	14.57	17.26	15.15	14.08	15.42	15.14	---	---
MAX	14.49	17.16	15.11	---	18.09	28.16	17.01	17.08	18.83	17.57	---	---
MIN	12.65	12.71	12.98	---	13.45	13.71	13.30	13.09	13.26	13.09	---	---

**MOBILE RIVER BASIN  
2001 Water Year**

**02395996 ETOWAH RIVER AT COOSA VALLEY FAIRGROUNDS, AT ROME, GA**

**LOCATION.**--Lat 34<sup>0</sup>15'23", Long 85<sup>0</sup>09'02", Floyd County, Hydrologic Unit 03150104, 6.0 miles upstream from confluence with Oostanaula River, located off of GA Hwy 293 on the Coosa Valley Fairgrounds property.

**DRAINAGE AREA.**—1,819 mi<sup>2</sup>.

**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.

**REMARKS.**--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, 26.47 feet, March 21; minimum gage-height recorded, 4.46 feet, numerous days throughout the water year.

STATION NUMBER 02395996 ETOWAH RIVER AT COOSA VALLEY F.G., AT ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341523 LONGITUDE 0850902 DRAINAGE AREA 1819 DATUM STATE 13 COUNTY 115

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

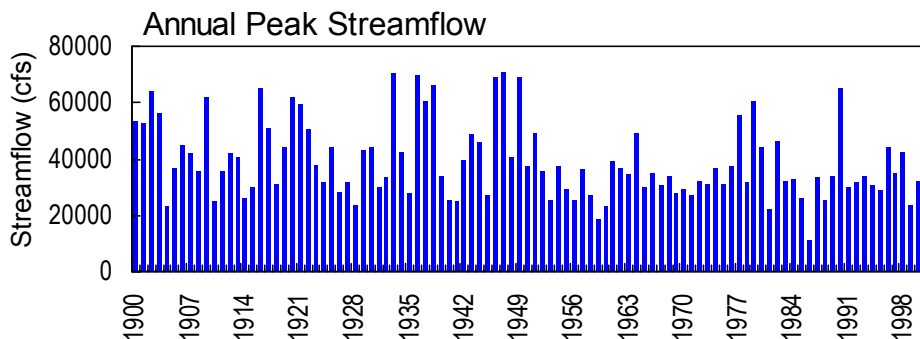
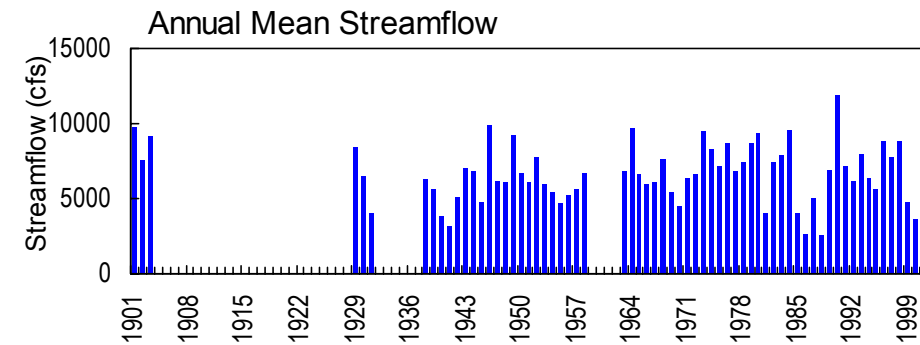
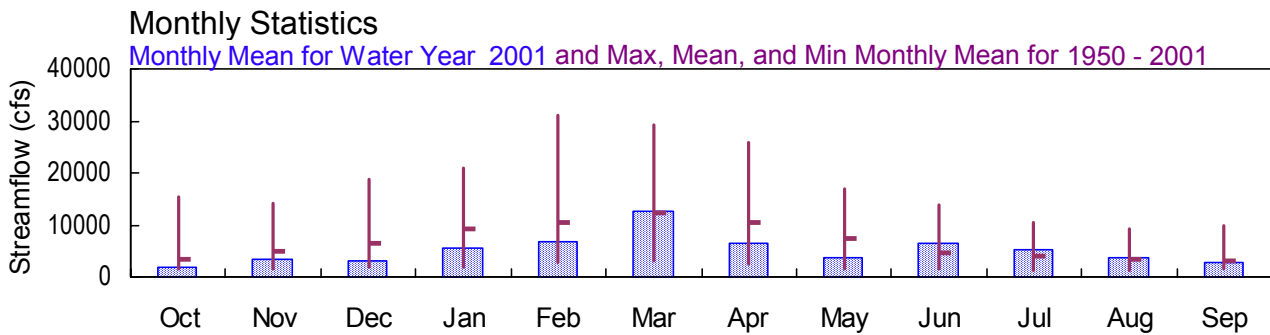
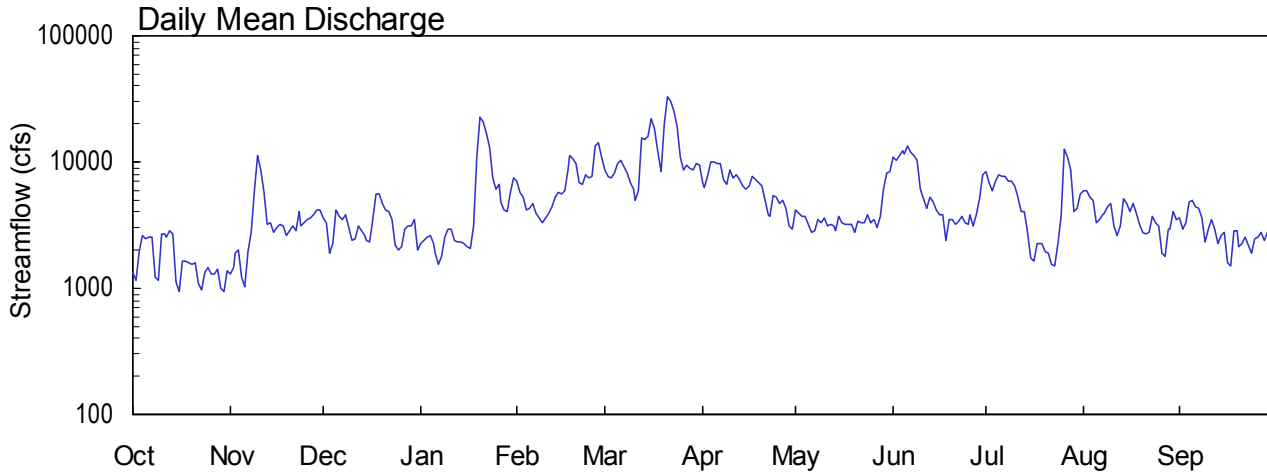
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	9.33	10.77	8.07	7.58	12.86	11.64	8.92	---
2	---	---	7.04	---	8.16	9.86	8.42	7.27	11.85	9.72	9.16	---
3	---	---	4.95	---	---	9.19	10.15	6.88	11.64	9.45	8.37	---
4	---	---	6.05	---	6.64	9.93	10.43	6.93	13.37	10.79	8.14	---
5	6.67	---	---	---	7.39	11.52	10.15	6.19	13.13	10.86	5.65	---
6	---	---	---	---	7.77	12.01	11.17	5.43	14.20	10.40	6.29	---
7	6.71	---	7.57	---	6.75	11.48	11.44	5.41	13.53	10.73	7.00	---
8	---	6.65	---	5.11	6.35	10.29	8.77	6.49	12.97	10.47	7.27	---
9	---	8.87	5.58	---	5.80	8.82	8.46	6.01	12.20	10.89	8.12	---
10	7.23	12.83	4.87	---	5.73	7.68	11.40	6.26	7.35	10.11	8.62	---
11	7.16	9.44	5.71	---	5.78	6.65	10.31	5.42	6.76	8.75	6.25	---
12	6.69	7.00	6.59	5.42	6.61	7.49	10.95	5.48	6.75	7.79	5.15	---
13	7.20	5.84	---	5.30	7.80	14.92	10.55	5.28	8.46	8.15	5.41	---
14	6.80	6.63	6.04	5.05	7.62	13.56	9.21	5.07	7.92	6.81	---	---
15	---	6.79	5.52	4.99	7.05	15.35	7.34	6.80	7.72	5.14	---	---
16	---	6.05	5.84	4.93	7.22	18.47	7.94	6.34	7.66	5.06	---	---
17	---	7.30	---	4.90	9.49	15.48	10.28	6.27	5.96	6.47	---	---
18	---	5.93	---	5.64	11.41	11.30	10.24	6.32	5.47	6.36	---	---
19	---	5.16	---	11.29	11.07	9.89	9.92	6.39	7.51	6.31	---	6.80
20	---	6.22	---	19.03	10.63	18.51	9.61	5.53	7.19	5.94	---	5.82
21	---	---	---	---	8.24	25.78	7.61	6.30	6.85	5.77	---	5.98
22	---	---	---	---	8.13	22.60	5.97	6.68	6.90	5.02	---	6.04
23	---	8.75	---	---	9.64	19.29	5.82	6.52	7.00	4.87	---	5.59
24	---	6.60	4.96	9.69	8.66	15.46	8.78	7.37	5.64	6.24	---	5.10
25	---	6.19	---	---	9.06	10.26	8.56	6.45	5.41	8.08	---	6.05
26	---	5.81	5.73	---	13.98	9.87	7.68	6.43	6.83	13.24	---	6.21
27	---	6.40	6.57	6.96	13.56	11.20	8.20	5.19	5.96	12.60	---	6.07
28	---	7.06	---	---	11.34	10.95	7.24	5.63	7.04	9.70	---	5.88
29	---	7.75	---	6.37	---	11.30	5.47	8.81	8.68	6.25	---	6.59
30	---	8.36	---	8.81	---	12.17	5.34	10.92	11.33	7.19	---	4.54
31	---	---	---	10.31	---	10.90	---	11.27	---	9.06	---	---
MEAN	---	---	---	---	---	12.68	8.85	6.61	8.87	8.38	---	---
MAX	---	---	---	---	---	25.78	11.44	11.27	14.20	13.24	---	---
MIN	---	---	---	---	---	6.65	5.34	5.07	5.41	4.87	---	---

# MOBILE RIVER BASIN

## 2001 Water Year

### 02397000 COOSA RIVER NEAR ROME, GA

Latitude: 34° 12' 01" Longitude: 85° 15' 24" Hydrologic Unit Code: 03150105 Floyd County  
Drainage Area: 4040 mi<sup>2</sup> Datum: 553.1 feet Period of Record: 1950 - 2001



**MOBILE RIVER BASIN  
2001 Water Year**

**02397000 COOSA RIVER NEAR ROME, GA**

**LOCATION.**--Lat 34°12'01", long 85°15'24", 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Geologic Survey; Georgia Environmental Protection Division; 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 sea level (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<sup>3</sup>/s, from rating curve extended above 63,000 ft<sup>3</sup>/s on basis of peak flow at Gadsden, AL.

**MOBILE RIVER BASIN  
2001 Water Year**

**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 sea level (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, 27.17 feet, March 21; minimum gage-height recorded, 10.48 feet, October 23.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--December 14, 2000 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**--Records good.





STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341201 LONGITUDE 0851524 DRAINAGE AREA 4040 DATUM 553.05 STATE 13 COUNTY 115

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	10.89	10.88	12.14	11.49	13.58	14.26	13.46	12.38	15.23	14.19	13.14	12.13
2	10.75	10.99	12.01	11.60	13.07	13.89	13.27	12.29	14.94	13.56	13.11	11.84
3	11.28	11.26	11.31	---	12.84	13.72	13.82	12.18	15.37	13.26	12.84	12.01
4	11.62	11.35	11.50	---	12.41	14.08	14.81	12.21	15.96	13.69	12.73	12.69
5	11.58	10.80	12.42	11.48	12.46	14.72	14.76	11.99	15.53	14.01	12.01	12.72
6	11.62	10.63	12.21	11.29	12.58	14.90	14.73	11.79	16.36	13.92	12.08	12.49
7	11.62	11.25	12.12	11.08	12.31	14.48	14.73	11.80	15.65	13.94	12.24	12.44
8	10.82	11.76	12.23	11.24	12.15	14.04	13.64	12.08	15.25	13.66	12.28	12.15
9	10.75	13.07	11.89	11.65	12.01	13.47	13.38	12.03	14.99	13.62	12.47	11.56
10	11.73	15.27	11.58	11.86	---	13.17	14.24	12.14	13.30	13.47	12.58	11.84
11	11.74	14.27	11.62	11.83	---	12.72	13.72	11.93	12.98	13.01	11.94	12.10
12	11.64	13.03	11.93	11.59	12.48	13.14	13.94	11.99	12.69	12.60	11.69	11.83
13	11.79	11.96	---	11.55	12.84	17.41	13.71	11.92	13.04	12.58	11.94	11.51
14	11.73	12.01	---	11.54	13.04	17.22	13.37	11.80	12.84	12.08	12.79	11.67
15	10.71	11.75	---	11.51	12.97	17.66	13.20	12.18	12.61	11.55	12.63	11.74
16	10.54	11.86	11.52	11.45	13.10	20.61	13.32	12.02	12.48	11.48	12.31	11.09
17	11.11	11.93	12.09	11.41	14.28	19.03	13.82	11.96	---	11.82	12.60	11.04
18	11.09	11.93	12.99	11.90	15.37	15.75	13.70	11.97	11.94	11.84	---	11.77
19	11.05	11.70	13.00	15.23	---	14.10	13.47	11.98	12.37	11.84	---	11.75
20	11.04	11.79	12.58	20.94	14.69	19.66	13.30	11.77	12.39	11.65	---	11.43
21	11.11	11.94	12.41	20.00	13.48	26.60	12.70	12.08	12.28	11.64	---	11.51
22	10.70	11.81	12.32	17.98	13.42	25.90	12.26	---	12.34	11.42	11.77	11.64
23	10.57	12.36	12.09	16.14	13.98	23.08	12.17	11.99	12.46	11.39	12.20	11.46
24	10.86	11.90	11.49	13.75	13.77	19.70	12.89	12.24	12.32	11.83	12.02	11.30
25	10.97	12.01	11.38	13.16	13.83	15.25	12.86	12.03	12.26	12.40	11.93	11.58
26	10.87	12.12	11.42	13.38	16.30	14.24	12.60	12.12	12.51	16.03	11.29	11.65
27	10.87	12.15	11.83	12.64	16.61	14.60	12.71	11.91	12.23	---	11.24	11.76
28	10.95	12.22	11.93	---	15.20	14.34	12.42	12.19	12.49	14.27	11.83	11.58
29	10.60	12.37	11.91	---	---	14.21	11.92	13.22	12.97	12.33	11.84	11.72
30	10.56	12.41	12.10	13.02	---	14.72	11.85	14.08	13.95	12.45	12.30	11.01
31	10.89	---	11.39	13.73	---	14.54	---	14.17	---	12.98	12.07	---
MEAN	11.10	12.03	---	---	---	16.30	13.36	---	---	---	---	11.77

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341201 LONGITUDE 0851524 DRAINAGE AREA 4040 DATUM 553.05 STATE 13 COUNTY 115

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	---	---	---	---	.00	.00	.00	.00	---	.00	.00	.09
2	---	---	---	---	.00	.16	.00	.00	.00	.00	.00	.52
3	---	---	---	---	.00	.74	.73	.00	1.06	1.11	.22	.34
4	---	---	---	---	.00	.04	.38	.00	.04	.43	.00	.00
5	---	---	---	---	.00	.01	.00	.00	.01	.46	.01	.01
6	---	---	---	---	.00	.00	.00	.06	.00	.00	.18	.00
7	---	---	---	---	.00	.00	.00	.00	.17	.00	.29	.00
8	---	---	---	---	.00	.00	.00	.10	.26	.00	.00	.00
9	---	---	---	---	.34	.00	.00	.00	.01	.14	.00	.00
10	---	---	---	---	.02	.00	.00	.00	.00	.02	.01	.00
11	---	---	---	---	.00	.00	.00	.02	.09	.00	.80	.00
12	---	---	---	---	.51	1.78	.02	.00	.17	.01	1.50	.00
13	---	---	---	---	.18	.00	.58	.00	.00	.00	.51	.00
14	---	---	.02	---	.03	.12	.00	.00	.00	.00	.01	.00
15	---	---	.06	---	.01	1.04	.55	.00	.37	.00	.00	.00
16	---	---	.37	---	.89	.00	.00	.00	.00	.00	.00	.00
17	---	---	.03	---	.04	.00	.00	.00	.00	.00	.00	.00
18	---	---	.03	---	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	.05	---	.00	.83	.00	.88	.00	.54	.01	.23
20	---	---	.00	---	.00	2.56	.00	.00	.00	.02	.14	.15
21	---	---	.00	---	.00	.01	.00	.00	.00	.00	.00	.00
22	---	---	.00	---	.95	.00	.00	.37	.92	.00	.00	.01
23	---	---	.01	---	.00	.00	.00	.00	.00	.00	.00	.00
24	---	---	.00	.00	.00	.00	.03	.51	.00	.00	.00	.78
25	---	---	.00	.00	.89	.00	.00	.17	.28	.41	.00	.00
26	---	---	---	.00	.01	.00	.00	.00	.00	.01	.00	.00
27	---	---	---	.00	.03	.00	.00	.23	.00	---	.00	.00
28	---	---	---	.00	.02	.00	.00	3.35	2.52	.52	.00	.00
29	---	---	---	.64	---	1.14	.00	.02	.38	.65	.02	.00
30	---	---	---	.15	---	.06	.00	.00	.36	.00	.03	.00
31	---	---	---	.00	---	.00	---	.40	---	.00	1.89	---
TOTAL	---	---	---	---	3.92	8.49	2.29	6.11	---	---	5.62	2.13

**MOBILE RIVER BASIN  
2001 Water Year**

**02397000 COOSA RIVER NEAR ROME, GA**

**LOCATION.**--Lat 34°12'01", long 85°15'24", 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Environmental Protection Division.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—March 1968 to current year.

**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 fair.

**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 recorded (greater than 20 percent missing), 27.4 °C, August 27; minimum recorded (greater than 20 percent missing), 5.4 °C, January 26, but could have been lower during period of missing record.

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341201 LONGITUDE 0851524 DRAINAGE AREA 4040.00 DATUM 553.05 STATE 13 COUNTY 115

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	---	---	---	---	---	---	---	---	---	6.3	5.4	5.8
27	---	---	---	---	---	---	---	---	---	6.6	5.5	5.9
28	---	---	---	---	---	---	---	---	---	7.0	6.3	6.6
29	---	---	---	---	---	---	---	---	---	8.1	6.9	7.2
30	---	---	---	---	---	---	---	---	---	9.1	8.1	8.8
31	---	---	---	---	---	---	---	---	---	9.2	8.6	8.9
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341201 LONGITUDE 0851524 DRAINAGE AREA 4040.00 DATUM 553.05 STATE 13 COUNTY 115

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.1	8.4	8.7	11.8	11.1	11.5	12.6	11.6	12.0	20.2	19.2	19.7
2	8.9	8.1	8.5	11.6	11.2	11.4	13.9	12.4	12.8	20.1	17.9	19.0
3	8.1	7.4	7.6	11.8	11.3	11.5	13.9	12.8	13.3	19.6	18.4	19.2
4	7.7	7.2	7.5	12.1	11.4	11.9	13.2	12.8	12.9	19.9	18.9	19.5
5	8.0	7.4	7.7	12.1	11.7	12.0	13.7	13.1	13.5	20.4	19.6	19.9
6	8.2	7.5	7.7	12.0	10.0	10.9	14.7	13.7	14.2	21.3	20.4	20.7
7	8.1	7.6	7.7	10.3	9.4	9.9	15.0	14.4	14.6	21.5	21.0	21.2
8	8.9	7.8	8.3	10.3	9.1	9.6	16.8	15.0	15.7	21.0	19.8	20.4
9	10.4	8.9	9.3	10.4	9.9	10.1	17.4	16.7	17.0	19.8	18.9	19.4
10	10.9	10.4	10.8	10.2	9.8	10.0	17.5	14.9	16.4	19.8	18.8	19.2
11	10.6	9.9	10.2	11.0	9.8	10.2	18.1	16.6	17.4	20.4	19.8	20.1
12	10.1	9.6	9.9	11.9	11.0	11.2	18.1	15.3	16.6	20.4	20.0	20.2
13	9.6	9.0	9.3	12.4	11.7	12.1	17.5	15.5	16.5	20.5	20.0	20.2
14	9.6	9.0	9.2	12.8	12.3	12.5	17.5	15.7	17.0	20.6	20.3	20.5
15	10.7	9.6	10.0	12.8	12.0	12.5	18.1	17.0	17.5	21.3	20.4	20.8
16	12.3	10.7	11.4	12.4	11.9	12.1	18.3	17.6	18.0	21.4	20.2	20.8
17	12.6	11.8	12.2	12.7	12.2	12.5	18.2	16.0	17.0	---	---	---
18	11.8	10.8	11.3	12.7	12.2	12.4	16.0	14.3	14.8	---	---	---
19	10.8	9.6	10.1	12.4	11.6	11.9	14.9	13.4	14.0	22.3	21.1	21.8
20	9.8	9.2	9.4	11.6	8.9	10.0	14.8	13.8	14.2	21.7	21.2	21.5
21	10.5	9.4	10.0	9.0	8.7	8.9	16.0	14.7	15.2	21.4	20.7	21.1
22	10.9	10.5	10.8	10.0	9.0	9.3	17.8	16.0	16.8	21.6	20.0	21.0
23	11.4	10.6	11.0	11.2	9.8	10.3	18.9	17.8	18.3	20.2	18.8	19.7
24	11.3	11.1	11.2	12.0	11.1	11.5	19.5	17.1	18.7	20.0	18.2	19.1
25	12.3	11.1	11.6	12.2	11.7	12.0	17.1	15.4	16.5	19.4	19.1	18.9
26	12.9	12.3	12.5	12.2	11.6	11.9	17.4	15.9	16.7	19.7	19.1	18.4
27	12.9	12.0	12.4	12.1	10.7	11.3	17.4	15.8	16.7	21.0	19.7	20.2
28	12.0	11.4	11.8	11.5	10.5	10.8	17.8	16.6	17.0	21.2	20.6	21.0
29	---	---	---	11.1	10.4	10.7	18.6	17.8	18.2	---	---	---
30	---	---	---	11.3	10.6	10.8	19.3	18.5	18.8	21.0	18.8	19.8
31	---	---	---	11.7	11.0	11.4	---	---	---	19.7	17.1	18.5
MONTH	12.9	7.2	9.9	12.8	8.7	11.1	19.5	11.6	15.9	---	---	---

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341201 LONGITUDE 0851524 DRAINAGE AREA 4040.00 DATUM 553.05 STATE 13 COUNTY 115

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	22.4	21.0	21.7	25.4	24.5	25.0	24.4	23.7	24.1
2	---	---	---	23.3	22.0	22.5	25.2	24.2	24.6	24.2	23.6	23.9
3	---	---	---	23.6	22.4	23.1	25.1	24.3	24.9	23.6	23.0	23.3
4	---	---	---	23.5	21.6	22.9	25.0	24.1	24.8	23.4	22.8	23.0
5	---	---	---	23.6	22.7	23.1	25.5	24.9	25.1	24.3	23.2	23.8
6	---	---	---	23.2	21.9	22.6	25.7	25.2	25.5	25.3	24.2	24.9
7	---	---	---	23.4	22.4	22.9	25.6	25.1	25.4	---	---	---
8	19.6	17.4	18.3	23.7	22.3	23.0	25.8	24.4	25.3	---	---	---
9	19.9	17.8	18.8	24.3	22.6	23.4	26.0	24.9	25.6	25.7	25.3	25.5
10	21.4	19.9	20.5	24.3	22.4	23.3	26.1	24.8	25.6	25.9	25.3	25.7
11	21.8	21.1	21.4	24.8	22.8	24.0	26.3	25.7	26.1	25.7	24.9	25.4
12	22.4	21.5	21.9	26.1	24.1	25.1	26.4	25.9	26.1	25.7	24.9	25.4
13	22.4	21.8	22.1	26.1	24.2	25.3	26.1	25.3	25.6	25.4	25.0	25.3
14	23.3	21.1	22.3	25.6	24.0	25.0	25.5	24.6	25.1	25.5	24.8	25.3
15	23.4	21.5	22.8	25.5	25.1	25.3	25.4	24.9	25.2	25.3	24.2	24.7
16	23.7	21.2	22.8	25.8	25.2	25.4	25.9	25.0	25.5	24.4	23.6	24.2
17	23.9	23.5	23.7	25.6	25.0	25.3	26.0	25.6	25.8	23.6	22.9	23.3
18	25.2	23.9	24.7	25.7	25.2	25.5	26.3	25.6	25.9	22.9	22.1	22.6
19	25.6	24.2	25.1	25.8	25.3	25.6	26.6	26.3	26.5	23.8	22.9	23.4
20	25.2	22.4	24.0	26.1	25.3	25.7	26.6	26.3	26.5	24.1	23.3	23.6
21	24.7	23.2	24.1	25.5	25.1	25.4	26.4	25.8	26.1	24.0	23.1	23.6
22	24.5	22.9	23.7	25.7	25.4	25.6	26.1	25.1	25.7	23.9	23.2	23.6
23	23.2	22.0	22.6	26.6	25.5	26.2	25.8	24.7	25.4	24.0	23.4	23.7
24	22.9	22.4	22.6	27.1	26.4	26.8	25.6	24.7	25.3	24.2	23.1	23.8
25	23.0	22.7	22.8	27.3	25.7	26.5	26.0	25.0	25.7	23.1	21.6	22.2
26	23.2	22.2	22.8	25.8	23.7	24.1	26.8	26.0	26.4	21.6	20.3	20.8
27	23.3	22.9	23.1	24.8	23.9	24.3	27.4	26.5	26.8	20.6	19.4	19.9
28	23.8	22.7	23.4	25.0	24.5	24.8	26.7	25.5	26.1	20.3	19.4	19.9
29	23.7	22.5	23.0	25.0	24.5	24.8	25.5	24.6	25.0	20.7	19.6	20.2
30	23.0	20.4	21.4	25.3	24.1	24.8	25.3	24.5	24.9	20.2	19.3	19.8
31	---	---	---	25.5	24.5	25.0	25.0	24.2	24.6	---	---	---
MONTH	---	---	---	27.3	21.0	24.5	27.4	24.1	25.6	---	---	---

**MOBILE RIVER BASIN  
2001 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", 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Environmental Protection Division.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—January 9, 2001 to September 30, 2001.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.



STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362 DATUM 555.00 STATE 01 COUNTY 019  
 PROVISIONAL DATA DCP SUBJECT TO REVISION  
 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	---	---	---	---	.00	.00	.00	.00	1.41	.02	.00	.38
2	---	---	---	---	.00	.17	.00	.00	.00	.00	.00	.40
3	---	---	---	---	.00	.73	.40	.00	2.63	.14	.05	.38
4	---	---	---	---	.00	.02	.63	.00	.09	.56	.01	.22
5	---	---	---	---	.00	.00	.01	.00	.01	.41	.11	.14
6	---	---	---	---	.00	.00	.00	.09	.00	.00	.09	.13
7	---	---	---	---	.00	.00	.00	.00	.15	.00	.32	.09
8	---	---	---	---	.00	.00	.00	.14	.27	.00	.00	.09
9	---	---	---	.00	.53	.00	.00	.00	.00	.36	.16	.05
10	---	---	---	.00	.01	.00	.00	.00	.00	.01	.09	.06
11	---	---	---	.29	.01	.00	.00	.03	.00	.00	.00	.09
12	---	---	---	.01	.50	1.77	.12	.01	.00	.00	1.07	.09
13	---	---	---	.00	.25	.00	.48	.00	.00	.00	1.44	.07
14	---	---	---	.06	.05	.11	.00	.00	.00	.00	.10	.05
15	---	---	---	.01	.00	1.06	.63	.00	.78	.00	.04	.00
16	---	---	---	.00	.61	.00	.00	.00	.00	.23	.01	.00
17	---	---	---	.32	.02	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	1.17	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	---	1.56	.00	.82	.00	.68	.00	.16	.00	.43
20	---	---	---	.00	.00	1.87	.00	.01	.00	.09	.00	.02
21	---	---	---	.00	.00	.03	.00	.00	.08	.00	.00	.00
22	---	---	---	.00	.99	.00	.00	.30	1.11	.00	.00	.00
23	---	---	---	.00	.00	.00	.00	.00	.01	.00	.00	.00
24	---	---	---	.00	.00	.00	.01	.75	.00	.00	.00	.43
25	---	---	---	.00	.76	.00	.00	.29	1.56	.66	.00	.00
26	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	---	---	---	.00	.03	.00	.00	.16	.00	.00	.00	.00
28	---	---	---	.00	.01	.00	.00	1.82	.68	.65	.00	.00
29	---	---	---	.75	---	.71	.00	.02	.02	.91	.13	.00
30	---	---	---	.10	---	.06	.11	.00	.16	.16	.03	.00
31	---	---	---	.00	---	.00	---	.41	---	.00	1.72	---
TOTAL	---	---	---	---	3.77	7.35	2.39	4.71	8.96	4.36	5.37	3.12

**MOBILE RIVER BASIN  
2001 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", 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<sup>2</sup>, approximately.

**COOPERATION.**—Georgia Environmental Protection Division.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**--August 1976 to current year.

**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, 250 microsiemens, January 10; minimum, 69 microsiemens, March 21.

**pH:** Maximum, 9.1 units, October 24; minimum, 6.7 units, July 28, 29.

**WATER TEMPERATURE:** Maximum, 31.7 °C, July 24; minimum, 6.4 °C, January 23.

**DISSOLVED OXYGEN:** Maximum recorded (greater than 20 percent missing), 14.1 mg/L, October 24; minimum recorded (greater than 20 percent missing), 4.5 mg/L, September 1, 2.

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	200	160	166	220	210	214	180	160	173	---	---	---
2	170	160	163	230	220	227	170	160	165	---	---	---
3	160	150	157	240	230	237	170	160	164	---	---	---
4	180	150	168	240	230	235	170	160	169	---	---	---
5	200	180	187	240	230	234	200	170	185	---	---	---
6	200	190	193	240	200	222	200	170	187	---	---	---
7	200	150	178	220	200	210	210	150	180	---	---	---
8	180	140	165	230	200	212	170	160	164	---	---	---
9	190	140	169	240	180	212	170	160	168	235	184	218
10	190	150	174	180	130	146	180	160	166	250	217	230
11	210	180	190	160	150	154	180	170	172	218	212	215
12	190	170	179	150	130	144	180	170	174	223	196	210
13	210	150	182	140	130	130	180	160	170	216	197	209
14	160	150	156	130	120	130	200	170	189	237	206	223
15	160	150	159	140	130	136	180	170	174	232	208	213
16	160	150	152	170	140	160	180	160	166	229	205	218
17	170	160	161	180	160	175	200	150	174	227	206	218
18	180	170	177	180	160	172	---	---	---	221	201	216
19	190	180	189	180	160	169	---	---	---	221	129	190
20	190	180	190	190	160	175	---	---	---	133	105	121
21	210	190	197	190	170	182	---	---	---	105	96	100
22	210	200	208	200	190	197	---	---	---	96	94	94
23	200	180	192	210	200	207	---	---	---	113	94	100
24	190	180	184	200	170	182	---	---	---	120	112	116
25	210	190	195	190	160	174	---	---	---	127	115	118
26	210	210	210	170	150	161	---	---	---	148	127	141
27	210	210	210	190	160	170	---	---	---	155	136	144
28	220	210	214	180	170	173	---	---	---	147	135	140
29	220	210	212	210	170	196	---	---	---	163	140	153
30	220	220	220	210	160	196	---	---	---	187	160	172
31	220	200	216	---	---	---	---	---	---	186	149	172
MONTH	220	140	184	240	120	184	---	---	---	---	---	---

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

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	158	143	151	122	114	118	131	117	123	170	155	160
2	162	145	152	129	118	122	134	131	133	174	163	169
3	157	148	154	134	122	125	150	133	142	196	163	175
4	159	155	156	137	129	133	157	127	140	198	165	184
5	161	151	155	137	126	131	128	118	123	171	158	165
6	166	150	158	135	129	130	137	121	133	178	163	169
7	173	158	165	130	120	125	143	120	133	187	170	180
8	166	151	159	131	122	127	127	116	121	183	170	179
9	175	154	163	129	122	125	137	123	128	190	172	181
10	178	162	168	136	128	132	141	134	138	192	180	187
11	187	173	180	143	130	136	143	114	129	204	191	199
12	187	174	181	143	133	139	138	124	128	202	179	196
13	185	177	182	148	116	132	131	115	124	203	177	190
14	189	172	182	117	102	109	137	124	129	203	190	195
15	172	159	163	117	113	115	147	126	134	191	178	184
16	159	152	156	115	89	99	155	141	146	200	184	194
17	162	156	160	100	89	96	164	155	162	204	188	198
18	158	134	142	105	98	102	166	139	157	206	192	200
19	138	132	136	120	105	114	142	132	137	208	173	195
20	132	118	123	125	87	115	139	130	135	196	175	188
21	133	123	128	87	69	74	137	131	134	190	176	183
22	140	131	136	80	72	77	144	136	140	201	177	187
23	146	139	142	84	80	82	154	143	149	195	178	188
24	148	142	145	96	83	91	165	154	162	191	173	179
25	152	144	149	106	91	98	179	160	164	---	---	---
26	151	123	136	121	106	113	187	144	169	180	153	168
27	123	115	117	136	121	126	153	144	147	182	166	173
28	115	111	113	136	113	121	161	148	154	178	160	170
29	---	---	---	126	113	118	164	155	159	186	172	180
30	---	---	---	128	117	122	163	154	158	183	157	172
31	---	---	---	126	114	120	---	---	---	157	132	142
MONTH	189	111	152	148	69	115	187	114	141	---	---	---

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

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	153	118	133	152	126	135	173	150	160	168	138	155
2	123	104	111	143	118	127	158	135	146	159	149	156
3	127	109	119	136	122	130	163	138	148	176	151	158
4	128	112	119	140	128	134	153	130	142	176	154	166
5	120	104	112	140	120	131	161	140	148	175	161	167
6	122	114	119	126	116	121	---	---	---	184	175	179
7	119	108	114	137	124	133	163	150	157	177	154	164
8	119	106	112	142	129	135	175	147	160	167	150	157
9	119	106	114	143	128	135	189	166	177	160	153	156
10	124	115	119	140	126	132	181	154	171	158	150	155
11	142	122	134	137	122	128	171	148	156	177	157	166
12	158	142	149	142	125	132	154	142	150	178	169	174
13	167	158	162	157	141	147	162	148	156	183	163	170
14	170	163	167	170	150	159	182	153	167	186	160	173
15	172	148	164	174	158	169	184	164	173	175	159	166
16	152	146	148	170	153	157	188	159	175	191	162	177
17	161	152	156	172	161	167	167	153	161	189	159	172
18	162	156	158	191	170	180	179	161	173	191	164	179
19	173	162	165	204	173	186	165	158	162	211	179	191
20	183	173	176	205	180	192	169	163	167	211	182	201
21	204	183	189	213	175	204	173	163	168	208	185	199
22	209	181	194	185	171	176	182	169	177	200	167	190
23	191	166	178	201	179	186	195	182	190	191	165	179
24	186	160	172	197	185	191	204	187	194	205	179	191
25	178	155	166	208	192	198	189	165	177	219	194	205
26	170	154	164	208	129	177	184	167	173	232	194	211
27	171	162	168	---	---	---	171	161	168	233	217	223
28	188	169	179	108	98	102	181	159	170	231	211	222
29	190	160	178	112	104	107	190	168	179	227	201	214
30	172	147	159	135	112	126	190	163	179	228	205	217
31	---	---	---	151	135	142	195	138	179	---	---	---
MONTH	209	104	150	---	---	---	---	---	---	233	138	181

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	8.1	7.5	7.6	8.2	7.5	7.7	7.7	7.6	7.6	---	---	---
2	8.3	7.4	7.6	7.8	7.5	7.5	7.6	7.6	7.6	---	---	---
3	9.0	7.3	7.9	7.7	7.5	7.5	7.6	7.6	7.6	---	---	---
4	7.9	7.3	7.4	7.6	7.5	7.5	7.6	7.6	7.6	---	---	---
5	7.9	7.3	7.5	7.8	7.5	7.6	7.7	7.6	7.6	---	---	---
6	7.7	7.5	7.6	7.6	7.5	7.5	7.8	7.6	7.7	---	---	---
7	7.7	7.5	7.6	7.6	7.5	7.6	7.8	7.6	7.7	---	---	---
8	7.6	7.4	7.5	7.6	7.5	7.5	7.7	7.6	7.7	---	---	---
9	7.8	7.5	7.6	7.6	7.5	7.5	7.7	7.6	7.7	8.1	8.0	8.1
10	8.1	7.6	7.7	7.5	7.1	7.2	7.7	7.6	7.7	8.2	8.1	8.1
11	8.1	7.6	7.7	7.1	7.0	7.1	7.9	7.6	7.7	8.1	8.0	8.1
12	8.9	7.7	8.3	7.1	7.1	7.1	7.7	7.6	7.7	8.2	8.1	8.1
13	8.4	7.8	8.2	7.1	7.1	7.1	7.7	7.6	7.7	8.1	8.0	8.0
14	7.9	7.7	7.8	7.2	7.1	7.1	7.8	7.7	7.8	8.0	7.9	7.9
15	8.2	7.7	7.8	7.2	7.1	7.2	7.8	7.7	7.7	8.0	7.9	7.9
16	8.8	7.8	8.0	7.4	7.2	7.3	7.7	7.7	7.7	8.0	7.9	8.0
17	8.9	7.8	8.2	7.5	7.4	7.4	7.7	7.6	7.7	8.0	8.0	8.0
18	7.9	7.6	7.7	7.6	7.4	7.5	---	---	---	8.0	8.0	8.0
19	8.4	7.5	7.7	7.5	7.4	7.4	---	---	---	8.0	7.5	7.8
20	7.9	7.5	7.6	7.6	7.4	7.6	---	---	---	7.5	7.3	7.4
21	8.1	7.6	7.8	7.6	7.5	7.6	---	---	---	7.3	7.3	7.3
22	8.2	7.6	7.8	7.7	7.6	7.6	---	---	---	7.3	7.3	7.3
23	8.2	7.6	7.7	7.8	7.7	7.7	---	---	---	7.4	7.3	7.4
24	9.1	7.6	8.1	7.7	7.6	7.7	---	---	---	7.5	7.4	7.5
25	8.9	7.8	8.1	7.7	7.6	7.7	---	---	---	7.6	7.5	7.5
26	8.2	7.7	7.8	7.7	7.6	7.6	---	---	---	7.7	7.6	7.6
27	8.5	7.6	7.7	7.6	7.6	7.6	---	---	---	7.7	7.7	7.7
28	8.7	7.6	7.9	7.6	7.6	7.6	---	---	---	7.7	7.7	7.7
29	8.2	7.6	7.8	7.7	7.6	7.6	---	---	---	7.7	7.7	7.7
30	8.5	7.6	7.7	7.7	7.7	7.7	---	---	---	7.8	7.7	7.8
31	8.3	7.5	7.7	---	---	---	---	---	---	7.9	7.7	7.8
MAX	9.1	7.8	8.3	8.2	7.7	7.7	---	---	---	---	---	---
MIN	7.6	7.3	7.4	7.1	7.0	7.1	---	---	---	---	---	---

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

PH, WATER, WHOLE, FIELD, STANDARD UNITS, 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	7.7	7.7	7.7	7.5	7.5	7.5	7.5	7.4	7.5	7.9	7.7	7.8
2	7.7	7.7	7.7	7.6	7.5	7.6	7.5	7.5	7.5	8.1	7.7	7.8
3	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.6	8.3	7.8	8.0
4	7.8	7.7	7.8	7.7	7.6	7.7	7.7	7.5	7.5	8.1	7.7	7.9
5	7.8	7.8	7.8	7.7	7.6	7.6	7.5	7.3	7.4	8.1	7.5	7.7
6	7.9	7.8	7.8	7.7	7.6	7.7	7.4	7.3	7.4	8.2	7.6	7.7
7	8.0	7.8	7.9	7.7	7.6	7.7	7.5	7.4	7.4	7.8	7.6	7.7
8	7.9	7.8	7.9	7.7	7.7	7.7	7.5	7.4	7.4	7.8	7.5	7.6
9	7.9	7.9	7.9	7.7	7.7	7.7	7.5	7.4	7.4	7.7	7.6	7.6
10	7.9	7.9	7.9	7.7	7.7	7.7	7.5	7.5	7.5	8.2	7.6	7.6
11	8.0	7.9	7.9	7.8	7.7	7.8	7.5	7.4	7.5	8.1	7.6	7.6
12	7.9	7.9	7.9	7.8	7.7	7.7	7.5	7.5	7.5	8.1	7.6	7.7
13	8.0	7.9	7.9	7.8	7.5	7.7	7.5	7.4	7.5	8.2	7.6	7.7
14	7.9	7.8	7.8	7.5	7.4	7.5	7.5	7.4	7.5	8.5	7.6	7.7
15	7.8	7.7	7.8	7.5	7.4	7.5	7.5	7.4	7.4	8.3	7.6	7.8
16	7.7	7.7	7.7	7.5	7.4	7.4	7.5	7.5	7.5	8.0	7.6	7.7
17	7.7	7.7	7.7	7.4	7.4	7.4	7.5	7.5	7.5	8.7	7.7	7.8
18	7.7	7.5	7.6	7.5	7.4	7.4	7.6	7.5	7.6	8.6	7.8	7.9
19	7.6	7.5	7.5	7.5	7.4	7.5	7.6	7.5	7.5	8.4	7.7	7.8
20	7.6	7.5	7.5	7.6	7.4	7.6	7.7	7.5	7.6	8.1	7.6	7.6
21	7.6	7.5	7.6	7.4	7.2	7.3	7.7	7.5	7.6	8.3	7.5	7.7
22	7.6	7.5	7.6	7.3	7.2	7.2	7.8	7.6	7.6	7.6	7.4	7.5
23	7.6	7.6	7.6	7.3	7.2	7.3	7.8	7.6	7.7	8.1	7.4	7.5
24	7.7	7.6	7.6	7.4	7.3	7.3	7.8	7.6	7.6	7.6	7.5	7.5
25	7.7	7.6	7.6	7.4	7.3	7.3	7.8	7.6	7.6	8.2	7.5	7.7
26	7.7	7.6	7.6	7.5	7.4	7.5	7.9	7.6	7.8	8.4	7.5	7.7
27	7.6	7.5	7.5	7.7	7.5	7.6	7.8	7.6	7.6	8.5	7.5	7.6
28	7.5	7.5	7.5	7.7	7.5	7.6	8.0	7.7	7.7	8.5	7.5	7.9
29	---	---	---	7.5	7.4	7.5	8.0	7.7	7.9	7.7	7.5	7.5
30	---	---	---	7.5	7.5	7.5	8.3	7.7	7.9	7.5	7.3	7.4
31	---	---	---	7.5	7.4	7.5	---	---	---	7.4	7.2	7.2
MAX	8.0	7.9	7.9	7.8	7.7	7.8	8.3	7.7	7.9	8.7	7.8	8.0
MIN	7.5	7.5	7.5	7.3	7.2	7.2	7.4	7.3	7.4	7.4	7.2	7.2

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.3	7.1	7.2	7.2	7.0	7.0	7.2	7.1	7.2	7.6	7.4	7.5
2	7.2	7.0	7.1	7.1	6.9	7.0	7.2	7.1	7.2	7.5	7.4	7.4
3	7.2	7.1	7.1	7.0	6.9	6.9	7.2	7.1	7.2	7.4	7.3	7.4
4	7.1	7.0	7.1	7.1	6.9	7.0	7.2	7.1	7.1	7.4	7.3	7.4
5	7.1	7.0	7.0	7.1	6.9	7.0	7.5	7.1	7.2	7.5	7.3	7.4
6	7.1	7.0	7.1	7.1	6.9	7.0	7.4	7.2	7.3	7.6	7.4	7.5
7	7.1	7.0	7.0	7.1	7.0	7.1	7.5	7.3	7.3	7.5	7.4	7.4
8	7.0	6.9	7.0	7.2	7.1	7.1	7.7	7.3	7.4	7.5	7.3	7.4
9	7.0	6.9	7.0	7.2	7.1	7.1	7.4	7.3	7.4	7.6	7.3	7.4
10	7.0	6.8	6.9	7.2	7.1	7.1	7.4	7.3	7.4	7.6	7.3	7.5
11	7.0	6.8	6.9	7.1	7.0	7.1	7.6	7.3	7.4	7.5	7.3	7.4
12	7.1	6.9	6.9	7.2	6.9	7.0	7.6	7.3	7.4	7.8	7.3	7.5
13	7.2	7.0	7.1	7.3	7.1	7.2	7.4	7.2	7.3	8.2	7.3	7.6
14	7.2	7.0	7.1	7.7	7.2	7.2	7.4	7.3	7.3	8.1	7.5	7.6
15	7.2	7.1	7.1	7.4	7.1	7.3	7.4	7.3	7.3	7.6	7.3	7.5
16	7.4	7.1	7.2	8.4	7.2	7.4	7.6	7.3	7.4	7.4	7.1	7.3
17	7.3	7.1	7.2	8.0	7.3	7.6	7.5	7.4	7.4	8.2	7.2	7.5
18	7.7	7.1	7.4	7.7	7.3	7.6	7.7	7.4	7.4	8.1	7.5	7.7
19	7.9	7.2	7.7	8.4	7.1	7.3	8.2	7.5	7.6	7.6	7.5	7.6
20	7.7	7.3	7.5	8.5	7.7	7.8	7.8	7.4	7.5	8.0	7.5	7.6
21	7.9	7.1	7.3	8.1	7.6	7.8	7.8	7.4	7.5	8.3	7.6	7.7
22	7.4	7.2	7.3	8.2	7.5	7.6	7.8	7.5	7.6	7.8	7.4	7.6
23	7.4	7.1	7.3	8.0	7.5	7.6	7.8	7.4	7.6	7.8	7.4	7.5
24	7.6	7.3	7.3	8.1	7.5	7.7	8.2	7.4	7.8	7.6	7.4	7.4
25	7.9	7.1	7.4	7.8	7.4	7.5	7.9	7.5	7.8	7.5	7.4	7.5
26	7.7	7.5	7.5	7.6	7.0	7.4	8.0	7.5	7.6	7.6	7.4	7.5
27	8.0	7.4	7.5	---	---	---	8.1	7.4	7.5	7.8	7.4	7.5
28	7.7	7.4	7.4	6.8	6.7	6.7	7.9	7.3	7.6	7.7	7.4	7.5
29	7.5	7.4	7.4	6.8	6.7	6.7	7.5	7.3	7.4	7.7	7.5	7.6
30	7.4	7.2	7.3	6.9	6.8	6.9	7.7	7.3	7.4	7.8	7.4	7.5
31	---	---	---	7.1	6.9	6.9	7.6	7.4	7.6	---	---	---
MAX	8.0	7.5	7.7	---	---	---	8.2	7.5	7.8	8.3	7.6	7.7
MIN	7.0	6.8	6.9	---	---	---	7.2	7.1	7.1	7.4	7.1	7.3



STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.0	22.4	23.8	25.7	23.1	24.0	12.7	11.5	12.1	---	---	---
2	25.2	23.1	23.9	25.3	24.0	24.4	12.6	11.8	12.3	---	---	---
3	26.3	23.2	24.2	25.9	23.9	24.6	12.5	11.9	12.2	---	---	---
4	26.4	23.2	24.3	23.9	23.5	23.7	11.9	10.0	11.0	---	---	---
5	26.2	24.1	25.0	23.6	22.9	23.3	13.1	10.0	11.2	---	---	---
6	25.9	24.5	25.2	22.9	21.1	22.1	10.6	8.9	9.4	---	---	---
7	25.2	24.7	25.0	21.7	20.5	21.2	10.9	9.3	10.1	---	---	---
8	25.2	23.1	24.5	23.1	20.5	21.7	10.6	10.2	10.4	---	---	---
9	23.1	22.1	22.6	22.9	19.6	21.0	10.9	9.9	10.4	9.4	7.9	8.5
10	22.1	21.1	21.7	20.1	17.7	18.5	10.8	9.6	10.4	9.6	7.9	9.0
11	23.1	20.5	21.9	17.7	17.0	17.3	11.5	9.4	10.4	8.9	7.6	8.2
12	20.5	17.9	19.3	17.0	16.2	16.6	11.8	10.9	11.4	8.7	7.2	7.9
13	19.8	17.5	18.3	16.2	15.6	15.8	11.9	10.2	11.0	9.1	7.1	7.9
14	20.2	18.5	19.3	15.9	14.9	15.5	12.5	10.3	11.5	8.8	7.4	8.1
15	21.0	19.2	19.9	16.2	14.8	15.5	12.4	10.6	11.5	9.2	8.1	8.7
16	22.1	19.5	20.5	15.3	14.6	14.9	12.5	11.2	11.7	9.2	8.8	9.0
17	22.2	19.8	20.7	15.4	13.3	14.8	12.3	10.6	11.3	9.8	8.7	9.2
18	22.5	21.0	21.6	15.4	13.1	14.4	---	---	---	11.1	9.6	10.3
19	23.1	21.6	22.1	14.9	12.6	13.3	---	---	---	11.8	9.5	10.5
20	22.2	20.9	21.6	13.9	12.6	13.2	---	---	---	9.5	9.0	9.2
21	22.8	21.2	21.9	13.3	11.8	12.7	---	---	---	9.0	8.2	8.7
22	24.5	21.8	22.8	11.8	10.3	11.2	---	---	---	8.2	7.0	7.7
23	24.6	22.6	23.3	12.3	10.3	11.1	---	---	---	7.0	6.4	6.7
24	23.8	22.0	22.8	11.8	10.3	11.2	---	---	---	7.0	6.5	6.7
25	24.9	22.5	23.5	10.8	9.4	10.0	---	---	---	7.5	7.0	7.2
26	24.5	23.7	24.0	13.6	10.8	12.3	---	---	---	8.1	7.3	7.7
27	24.8	23.3	24.1	11.8	11.0	11.3	---	---	---	7.8	6.8	7.3
28	25.2	23.6	24.2	11.1	10.1	10.5	---	---	---	8.0	6.8	7.3
29	25.1	23.9	24.2	10.8	10.5	10.6	---	---	---	9.4	7.9	8.4
30	25.3	23.8	24.3	12.1	10.1	10.8	---	---	---	10.5	9.2	9.7
31	25.4	23.4	24.0	---	---	---	---	---	---	10.6	9.2	10.1
MONTH	26.4	17.5	22.7	25.9	9.4	16.2	---	---	---	---	---	---

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

## 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	10.5	10.1	10.2	12.4	11.8	12.2	12.5	11.6	12.1	20.5	19.4	19.9
2	10.4	9.7	10.1	12.4	12.1	12.2	13.3	12.3	12.7	22.1	20.4	21.2
3	10.3	9.7	10.0	12.3	11.8	12.1	13.9	13.2	13.6	23.2	21.2	22.1
4	9.9	9.6	9.8	12.5	11.9	12.3	14.3	13.6	13.9	24.1	22.0	22.5
5	10.2	9.4	9.8	12.4	11.8	12.1	13.7	13.6	13.6	24.1	21.5	22.5
6	10.6	9.2	10.0	12.2	11.8	12.0	14.7	13.7	14.2	23.5	22.4	22.9
7	10.9	9.3	10.2	11.8	10.4	10.9	15.2	14.6	15.0	24.0	22.8	23.2
8	10.5	9.6	10.2	10.8	9.9	10.4	15.7	15.1	15.4	24.0	22.8	23.2
9	11.2	10.5	10.8	10.7	10.2	10.3	16.9	15.6	16.0	24.0	23.2	23.6
10	11.5	10.7	11.1	11.0	10.3	10.7	17.9	16.9	17.4	25.5	23.4	24.1
11	12.2	11.1	11.6	11.2	10.4	10.8	17.9	16.2	17.1	24.6	23.1	23.6
12	12.3	11.7	12.1	11.3	10.9	11.1	18.0	16.9	17.4	23.6	22.3	22.9
13	11.8	10.9	11.5	12.7	11.2	12.1	17.9	16.1	16.8	23.9	21.6	22.2
14	11.1	10.4	10.9	12.9	12.3	12.6	16.9	15.9	16.5	24.5	21.8	22.4
15	11.2	10.3	10.8	13.2	12.7	12.9	17.2	15.9	16.4	24.6	22.3	23.3
16	12.3	11.0	11.7	12.9	12.1	12.5	17.1	16.4	16.8	25.4	23.2	24.0
17	13.1	11.9	12.7	13.1	12.2	12.6	16.9	16.3	16.7	26.0	24.1	25.0
18	13.1	11.9	12.4	13.3	12.6	12.9	16.3	14.8	15.7	26.7	24.6	25.3
19	11.9	11.3	11.5	12.9	12.4	12.7	14.8	13.9	14.3	25.9	24.8	25.4
20	11.3	10.3	10.7	12.5	9.4	11.2	14.4	13.8	14.1	26.1	24.7	25.3
21	10.7	10.4	10.5	9.4	8.9	9.1	15.5	14.0	14.7	26.4	25.1	25.7
22	11.9	10.5	11.5	9.8	9.0	9.4	17.6	15.1	16.2	25.1	24.5	24.8
23	12.3	11.7	12.1	10.7	9.6	10.2	18.6	16.7	17.5	25.6	24.2	24.6
24	12.2	11.7	12.0	11.6	10.5	11.1	19.3	18.1	18.6	24.5	22.9	23.7
25	12.2	11.7	11.9	12.3	11.5	11.9	19.9	19.1	19.4	23.6	22.0	22.8
26	---	---	---	12.3	11.9	12.1	20.0	18.6	19.5	22.9	21.3	22.2
27	13.0	12.8	12.8	12.2	11.7	12.0	18.8	17.7	18.3	23.5	21.3	22.3
28	12.8	12.3	12.5	12.0	11.0	11.4	19.2	18.4	18.8	23.4	21.6	22.3
29	---	---	---	11.4	10.6	10.9	20.0	18.9	19.4	22.9	21.8	22.2
30	---	---	---	11.1	10.6	10.9	20.5	18.9	19.5	22.9	22.1	22.6
31	---	---	---	11.9	11.0	11.4	---	---	---	22.3	20.7	21.5
MONTH	---	---	---	13.3	8.9	11.5	20.5	11.6	16.3	26.7	19.4	23.2

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.9	19.6	20.3	24.6	23.4	23.8	28.6	27.2	28.1	28.1	26.6	27.2
2	20.0	18.8	19.5	24.3	23.3	23.9	28.3	26.5	27.7	27.4	26.8	27.0
3	20.8	19.9	20.3	26.1	23.8	24.8	28.3	26.9	27.6	27.1	26.0	26.5
4	20.8	20.2	20.5	26.2	25.0	25.7	28.1	26.6	27.6	27.2	26.3	26.7
5	21.3	19.4	20.0	25.6	24.5	24.9	29.6	27.8	28.4	26.3	25.5	25.7
6	21.5	20.6	21.0	25.4	24.5	24.9	28.3	27.5	27.9	26.9	25.7	26.1
7	20.6	20.2	20.3	25.6	24.5	24.9	29.2	28.0	28.5	27.2	26.3	26.8
8	20.4	19.4	19.9	25.7	24.7	25.0	30.1	28.0	28.7	28.6	27.0	27.6
9	20.8	19.5	20.2	26.2	24.8	25.3	29.2	28.1	28.5	29.2	27.3	28.0
10	21.0	20.1	20.5	26.3	25.2	25.6	29.2	27.8	28.4	28.6	28.1	28.3
11	23.4	21.0	22.1	26.3	25.4	25.9	29.0	28.1	28.4	29.7	28.1	28.9
12	25.1	22.9	23.7	27.0	25.8	26.4	29.2	27.8	28.3	30.0	28.5	29.1
13	25.6	23.9	24.7	28.2	26.5	27.2	29.3	28.5	28.9	29.2	28.0	28.7
14	25.6	24.5	25.2	29.4	27.6	28.2	30.3	29.1	29.7	29.2	28.1	28.6
15	26.4	25.2	25.7	28.7	27.8	28.0	29.6	27.9	28.6	28.8	28.1	28.4
16	26.8	25.7	26.0	30.1	27.9	28.4	29.3	27.8	28.2	28.5	27.9	28.2
17	27.1	25.9	26.4	30.6	28.4	29.0	29.1	28.2	28.6	28.1	27.4	27.7
18	27.9	26.4	26.9	30.7	29.3	29.8	29.8	28.9	29.2	28.0	26.6	27.2
19	28.7	26.8	27.8	30.6	29.4	30.0	29.6	28.6	29.1	28.1	27.1	27.6
20	29.3	27.6	28.3	31.1	29.6	30.0	30.3	29.2	29.6	28.1	26.7	27.4
21	30.3	27.9	28.8	30.2	29.6	29.9	31.1	29.8	30.1	27.7	26.4	26.7
22	29.0	27.8	28.2	31.1	29.4	29.8	31.2	30.0	30.5	27.7	26.2	26.9
23	28.2	26.4	27.3	30.5	29.4	30.0	30.8	29.8	30.4	28.3	26.9	27.4
24	27.7	26.1	26.8	31.7	29.9	30.6	31.0	29.2	29.9	28.1	26.0	27.2
25	27.3	25.8	26.3	30.9	30.1	30.6	31.1	28.4	29.5	26.2	25.6	25.8
26	27.1	24.9	25.9	30.8	26.0	28.3	30.4	29.0	29.5	27.0	25.5	26.0
27	27.9	25.8	26.5	---	---	---	30.3	29.6	29.8	26.2	24.1	25.5
28	27.3	25.9	26.3	26.2	25.6	25.8	30.2	29.7	29.9	24.1	22.3	22.9
29	26.9	25.8	26.3	26.6	26.1	26.2	31.7	30.0	30.8	22.4	21.4	21.9
30	26.7	24.6	25.7	27.9	26.4	27.0	31.2	29.2	30.2	21.6	20.9	21.2
31	---	---	---	28.5	27.7	28.0	29.4	26.7	28.5	---	---	---
MONTH	30.3	18.8	24.2	---	---	---	31.7	26.5	29.0	30.0	20.9	26.8

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.1	6.9	7.7	9.8	7.1	8.2	10.2	9.9	10.0	---	---	---
2	9.3	6.7	7.8	8.2	6.2	6.9	10.0	9.9	10.0	---	---	---
3	12.6	7.2	9.4	7.8	6.1	6.8	10.1	9.8	10.0	---	---	---
4	8.4	6.3	7.2	6.7	6.0	6.3	10.3	9.9	10.2	---	---	---
5	8.7	6.0	7.0	8.0	6.2	6.8	10.4	9.9	10.1	---	---	---
6	7.5	6.4	6.9	6.9	6.0	6.6	10.9	10.1	10.5	---	---	---
7	7.4	6.3	6.9	7.2	6.8	7.0	10.9	10.5	10.6	---	---	---
8	7.4	6.6	7.0	7.1	6.6	6.9	10.7	10.5	10.6	---	---	---
9	8.4	7.2	7.5	7.8	6.5	7.1	10.7	10.5	10.6	---	---	---
10	8.8	6.9	7.7	7.5	5.8	6.6	10.6	10.4	10.5	---	---	---
11	9.3	7.0	7.9	5.8	5.5	5.6	10.6	10.3	10.5	---	---	---
12	12.4	7.1	10.4	6.0	5.7	5.9	10.4	10.3	10.4	---	---	---
13	---	---	---	6.3	6.0	6.1	10.3	10.1	10.2	---	---	---
14	9.3	8.8	9.1	6.8	6.2	6.5	10.1	9.8	10.0	---	---	---
15	10.0	8.7	9.2	7.2	6.8	7.0	10.0	9.8	9.9	---	---	---
16	12.1	9.1	10.2	8.2	7.2	7.8	9.9	9.6	9.8	---	---	---
17	12.0	9.3	10.3	8.7	8.1	8.3	9.8	9.6	9.7	---	---	---
18	9.5	8.4	8.9	8.9	8.6	8.8	---	---	---	---	---	---
19	10.8	7.8	8.7	8.8	8.6	8.7	---	---	---	---	---	---
20	9.6	7.9	8.5	9.2	8.8	9.0	---	---	---	---	---	---
21	9.8	7.8	8.7	9.6	9.1	9.3	---	---	---	---	---	---
22	10.2	8.1	8.9	10.1	9.6	9.9	---	---	---	---	---	---
23	10.0	7.8	8.7	10.3	10.1	10.2	---	---	---	---	---	---
24	14.1	7.9	10.1	10.5	10.2	10.3	---	---	---	---	---	---
25	11.7	9.1	10.2	10.8	10.3	10.6	---	---	---	---	---	---
26	9.6	7.8	8.4	10.3	9.6	9.9	---	---	---	---	---	---
27	10.3	7.2	8.3	10.1	9.8	9.9	---	---	---	---	---	---
28	11.1	7.3	8.7	10.2	10.0	10.1	---	---	---	---	---	---
29	9.3	7.2	8.1	10.1	10.0	10.0	---	---	---	---	---	---
30	10.5	7.1	8.3	10.4	10.1	10.3	---	---	---	---	---	---
31	9.9	6.8	8.2	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	10.8	5.5	8.1	---	---	---	---	---	---

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	9.4	9.1	9.2	9.7	9.5	9.6	10.0	8.6	9.3
2	---	---	---	9.7	9.4	9.5	9.5	9.4	9.5	10.8	8.3	9.0
3	---	---	---	9.8	9.6	9.7	9.5	9.3	9.4	11.1	5.8	9.2
4	---	---	---	9.7	9.5	9.6	9.4	9.1	9.2	10.6	5.3	7.7
5	---	---	---	9.6	9.5	9.5	9.1	8.5	8.7	---	---	---
6	---	---	---	9.7	9.5	9.6	8.6	8.4	8.5	---	---	---
7	---	---	---	10.4	9.7	10.1	9.0	8.5	8.7	---	---	---
8	---	---	---	10.7	10.2	10.5	9.0	8.7	8.8	---	---	---
9	---	---	---	10.8	10.6	10.7	8.9	8.7	8.8	7.9	7.1	7.5
10	---	---	---	10.7	10.6	10.6	8.7	8.5	8.6	9.9	6.8	7.7
11	---	---	---	10.7	10.6	10.7	9.1	8.5	8.8	10.2	5.9	7.5
12	---	---	---	10.8	10.6	10.7	9.0	8.6	8.8	9.7	6.7	7.9
13	---	---	---	10.6	9.4	10.0	8.9	8.6	8.7	10.5	6.6	8.4
14	---	---	---	9.5	9.3	9.4	8.9	8.2	8.5	11.6	7.2	8.8
15	---	---	---	9.3	9.3	9.3	8.7	8.1	8.3	10.8	7.7	9.2
16	---	---	---	9.5	9.3	9.4	8.4	8.1	8.2	9.1	6.4	8.1
17	---	---	---	9.5	9.3	9.4	8.1	7.5	7.7	12.6	7.5	9.3
18	---	---	---	9.5	9.4	9.5	8.6	7.9	8.2	11.7	7.9	9.3
19	---	---	---	9.9	9.4	9.6	9.2	8.6	9.0	10.5	7.3	8.3
20	---	---	---	10.6	9.9	10.3	9.9	9.1	9.5	9.2	5.7	7.6
21	---	---	---	10.5	10.2	10.4	10.0	9.4	9.7	---	---	---
22	---	---	---	10.2	10.0	10.1	10.2	9.5	9.8	---	---	---
23	---	---	---	10.1	9.9	10.0	10.4	9.5	9.8	---	---	---
24	---	---	---	10.0	9.6	9.8	9.8	8.9	9.2	---	---	---
25	---	---	---	9.6	9.3	9.5	9.2	8.7	8.9	---	---	---
26	---	---	---	10.0	9.6	9.8	9.4	8.3	8.7	11.1	7.5	8.9
27	8.9	8.7	8.8	10.4	9.9	10.2	9.8	8.9	9.3	11.5	7.8	9.2
28	9.2	8.8	9.0	10.5	10.1	10.3	10.3	8.9	9.5	11.3	8.0	9.3
29	---	---	---	10.1	9.9	10.0	10.5	8.5	9.6	8.5	7.3	7.8
30	---	---	---	10.0	9.8	9.9	11.4	8.8	9.9	7.3	6.7	7.0
31	---	---	---	9.8	9.6	9.7	---	---	---	7.4	6.6	7.1
MONTH	---	---	---	10.8	9.1	9.9	11.4	7.5	9.0	---	---	---

STATION NUMBER 02397530 COOSA RIVER AT STATE LINE, AL/GA STREAM SOURCE AGENCY USGS  
 LATITUDE 341206 LONGITUDE 0852651 DRAINAGE AREA 4362.00 DATUM 555.00 STATE 01 COUNTY 019

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.9	7.1	7.6	7.3	6.8	7.1	---	---	---	6.3	4.5	5.9
2	8.0	7.2	7.5	7.3	6.5	7.0	---	---	---	6.1	4.5	5.6
3	7.7	7.3	7.5	---	---	---	---	---	---	5.6	4.8	5.3
4	7.5	6.8	7.1	---	---	---	---	---	---	5.8	5.2	5.5
5	7.6	7.0	7.4	---	---	---	---	---	---	6.4	5.7	6.0
6	7.8	6.9	7.4	---	---	---	---	---	---	6.9	5.7	6.2
7	8.3	7.7	7.9	6.5	6.2	6.3	8.0	6.8	7.2	---	---	---
8	8.1	6.2	7.1	6.9	6.4	6.6	9.1	7.0	7.4	---	---	---
9	7.0	5.6	6.3	7.2	6.5	6.8	7.4	6.8	7.1	---	---	---
10	---	---	---	7.2	6.1	6.7	7.8	6.9	7.3	---	---	---
11	---	---	---	6.6	6.2	6.4	9.1	7.2	7.8	---	---	---
12	---	---	---	6.9	6.0	6.4	9.3	7.6	8.2	---	---	---
13	---	---	---	7.6	5.6	6.5	8.3	7.1	7.6	---	---	---
14	---	---	---	9.2	6.2	7.2	8.0	7.2	7.5	---	---	---
15	---	---	---	---	---	---	7.7	7.0	7.2	---	---	---
16	---	---	---	---	---	---	7.5	6.1	6.7	---	---	---
17	---	---	---	---	---	---	6.7	5.8	6.1	---	---	---
18	---	---	---	---	---	---	8.0	5.9	6.3	8.8	5.7	7.2
19	---	---	---	---	---	---	9.3	6.4	7.3	6.8	6.3	6.6
20	---	---	---	11.3	7.5	8.6	8.1	6.0	6.9	8.4	6.1	7.1
21	---	---	---	9.0	7.2	7.9	8.3	5.8	6.8	9.5	6.6	7.8
22	---	---	---	9.3	6.6	7.4	8.0	6.1	6.9	7.8	6.8	7.4
23	---	---	---	9.0	6.6	7.7	---	---	---	8.4	6.6	7.2
24	---	---	---	9.7	6.6	7.9	---	---	---	7.9	6.7	7.3
25	---	---	---	8.0	6.0	6.9	---	---	---	7.9	5.8	7.5
26	8.6	7.3	7.9	---	---	---	---	---	---	8.3	7.4	7.9
27	9.6	6.7	7.9	---	---	---	---	---	---	9.0	6.3	8.1
28	8.4	6.7	7.1	---	---	---	---	---	---	9.0	7.6	8.3
29	7.5	6.5	7.0	---	---	---	---	---	---	9.1	8.6	8.9
30	7.6	6.7	7.0	---	---	---	---	---	---	9.6	8.9	9.0
31	---	---	---	---	---	---	6.3	5.1	5.8	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

**MOBILE RIVER BASIN  
2001 Water Year**

**02397830 HARRISBURG CREEK AT HAWKINS, GA**

**LOCATION.**--Lat 34°36'02", long 85°23'21", Walker County, Hydrologic Unit 03150105, at bridge on County Road 91, 0.7 miles west of Hawkins.

**DRAINAGE AREA.**--13.3 mi<sup>2</sup>.

**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 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 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<sup>3</sup>/s, February 16, 1990

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.44 feet, March 21

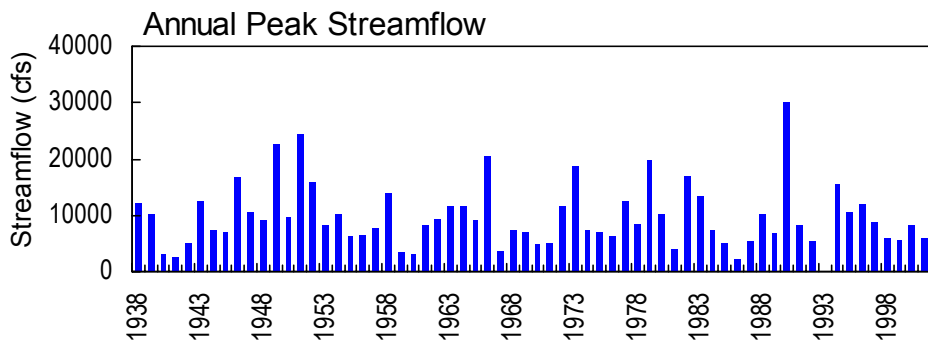
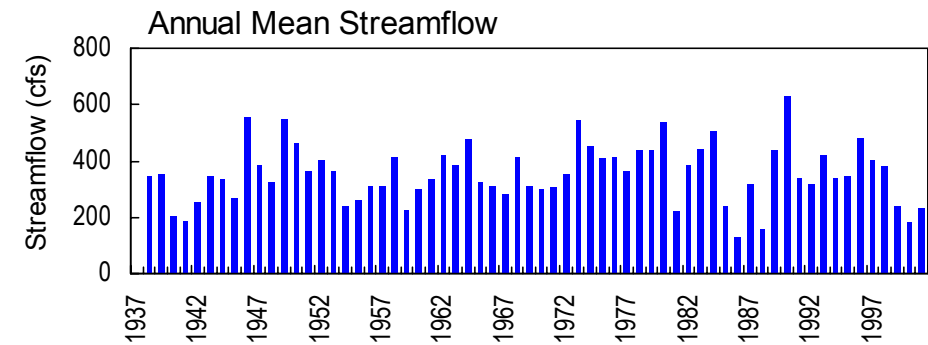
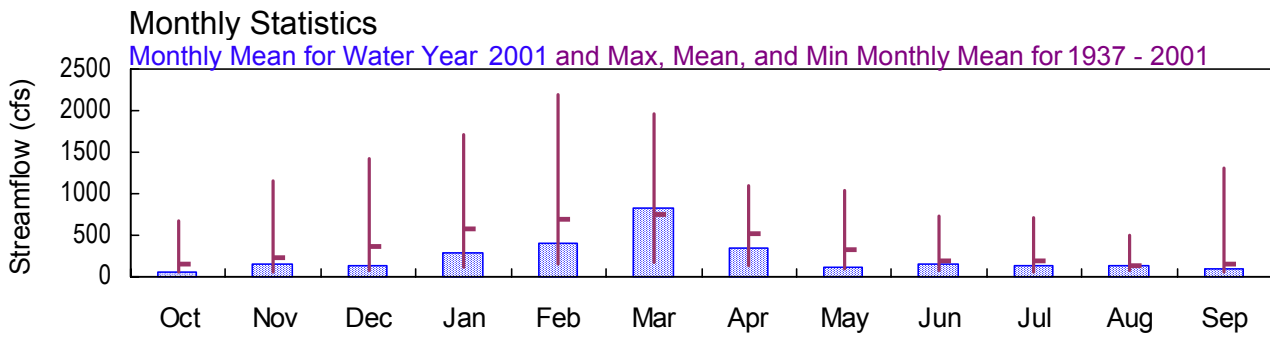
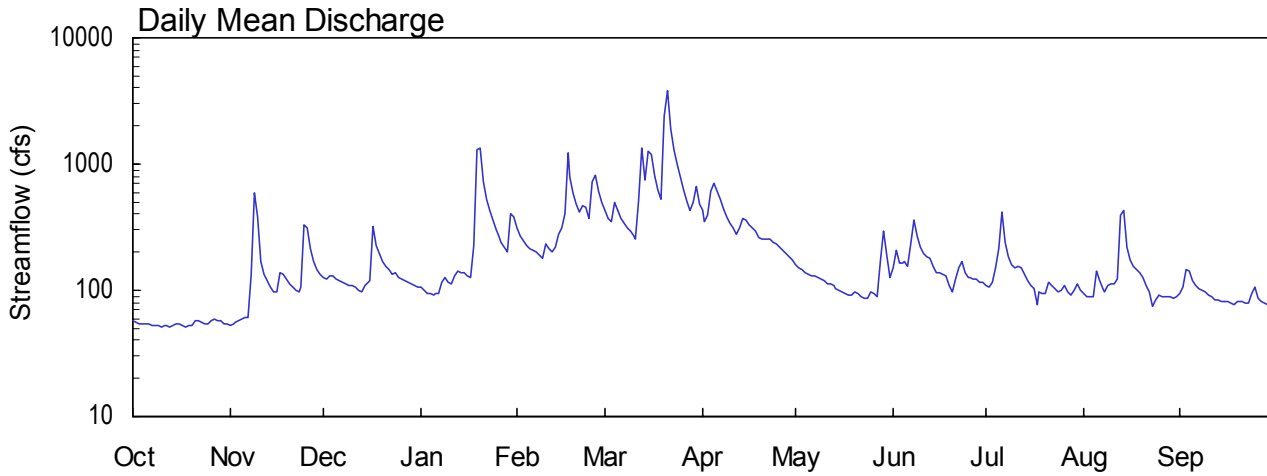
**DISCHARGE:** 567 ft<sup>3</sup>/s, March 21

# MOBILE RIVER BASIN

## 2001 Water Year

### 02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA

Latitude: 34° 28' 03" Longitude: 85° 20' 19" Hydrologic Unit Code: 03150105 Chattooga County  
Drainage Area: 192 mi<sup>2</sup> Datum: 613.5 feet Period of Record: 1937 - 2001



USGS  
02398000 Chattooga River at Summerville, GA, March 14, 1973



**MOBILE RIVER BASIN  
2001 Water Year**

**02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA**

**LOCATION.**--Lat 34°28'03", long 85°20'19", Chattooga County, Hydrologic Unit 03150105, on left bank 600 feet downstream from bridge on U.S. Highway 27, 1.0 mile southeast of Summerville, and 4.0 miles upstream from Raccoon Creek.

**DRAINAGE AREA.**--192 mi<sup>2</sup>.

**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 sea level (levels by Georgia Department of Transportation). Prior to November 12, 1937, non-recording gage was located at same site and datum.

**REMARKS.**--Records good, except those for periods of estimated daily discharge, which are fair. Low and medium flow had previously been regulated by a power plant at Trion, 6 mi 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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
March 21	0445	5,870*	14.90*

No other peak greater than base discharge.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--March 1937 to current water year.

**GAGE.**--Water-stage recorder. Datum of gage is 613.47 feet above sea level (levels by Georgia Department of Transportation).

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 14.90 feet, March 21; minimum gage-height recorded, 1.94 feet, October 7-8.



STATION NUMBER 02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 342803 LONGITUDE 0852019 DRAINAGE AREA 192.00 DATUM 613.47 STATE 13 COUNTY 055

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	2.03	2.00	2.52	2.39	3.47	3.96	---	2.78	2.70	2.39	2.28	2.29
2	2.02	2.01	2.49	2.36	3.29	3.74	---	2.74	3.02	2.37	2.27	2.38
3	2.01	2.02	2.55	2.32	3.17	3.65	---	2.70	2.80	2.43	2.26	2.62
4	2.01	2.03	2.55	2.31	3.07	4.20	---	2.65	2.81	2.64	2.27	2.59
5	2.01	2.06	2.50	2.30	2.99	3.95	---	2.62	2.82	2.98	2.59	2.46
6	2.02	2.07	2.47	2.30	2.96	3.73	---	2.61	2.76	3.89	2.46	2.40
7	1.99	2.07	2.46	2.31	2.92	3.58	---	2.60	3.11	3.09	2.35	2.35
8	1.98	2.56	2.44	2.45	2.87	3.47	---	2.58	3.65	2.83	2.32	2.33
9	1.98	4.44	2.42	2.52	2.81	3.37	---	2.56	3.26	2.70	2.39	2.31
10	1.97	3.73	2.42	2.45	3.09	3.28	---	2.53	3.00	2.65	2.41	2.27
11	1.98	2.76	2.39	2.44	3.00	3.19	---	2.51	2.88	2.66	2.41	2.25
12	1.98	2.57	2.36	2.54	2.94	4.16	---	2.50	2.84	2.65	2.48	2.23
13	1.98	2.47	2.34	2.62	3.03	7.14	---	2.48	2.79	2.56	3.78	2.22
14	1.99	2.40	2.41	2.60	3.31	5.12	---	2.44	2.66	2.45	3.92	2.21
15	2.00	2.34	2.43	2.58	3.47	6.92	---	2.42	2.57	2.39	3.00	2.20
16	2.01	2.34	2.47	2.55	3.86	6.65	---	2.39	2.58	2.35	2.76	2.20
17	1.98	2.59	3.49	2.53	6.75	5.33	---	2.37	2.54	2.16	2.67	2.19
18	1.98	2.57	3.05	3.02	5.26	4.74	3.45	2.35	2.52	2.31	2.61	2.17
19	2.00	2.49	2.89	7.05	4.60	4.37	3.28	2.35	2.38	2.30	2.58	2.20
20	1.99	2.45	2.77	7.06	4.18	9.47	3.26	2.39	2.30	2.30	2.51	2.20
21	2.03	2.39	2.68	5.08	3.91	---	3.25	2.36	2.48	2.43	2.39	2.21
22	2.03	2.35	2.63	4.37	4.09	---	3.27	2.33	2.62	2.40	2.30	2.19
23	2.02	2.33	2.58	3.96	4.04	---	3.25	2.32	2.76	2.36	2.15	2.18
24	2.01	2.39	2.60	3.69	3.74	---	3.20	2.33	2.58	2.32	2.23	2.29
25	2.00	3.48	2.53	3.44	4.96	---	3.15	2.40	2.52	2.33	2.27	2.37
26	2.04	3.48	2.49	3.25	5.36	---	3.08	2.38	2.51	2.40	2.26	2.24
27	2.05	2.98	2.47	3.13	4.63	---	3.02	2.34	2.49	2.32	2.26	2.21
28	2.03	2.76	2.46	3.01	4.26	---	2.97	2.77	2.47	2.28	2.26	2.19
29	2.03	2.64	2.45	2.94	---	---	2.92	3.44	2.45	2.33	2.26	2.18
30	2.01	2.57	2.42	3.86	---	---	2.86	2.93	2.43	2.41	2.24	2.19
31	2.01	---	2.40	3.78	---	---	---	2.58	---	2.33	2.25	---
MEAN	2.01	2.58	2.55	3.20	3.79	---	---	2.54	2.71	2.52	2.49	2.28
MAX	2.05	4.44	3.49	7.06	6.75	---	---	3.44	3.65	3.89	3.92	2.62
MIN	1.97	2.00	2.34	2.30	2.81	---	---	2.32	2.30	2.16	2.15	2.17

**MOBILE RIVER BASIN  
2001 Water Year**

**02398022 CHATTOOGA RIVER AT LYERLY, GA**

**LOCATION.**--Lat 34<sup>0</sup>24'40", Long 85<sup>0</sup>23'18", Chattooga County, Hydrologic Unit 03150105, 7.0 miles south of US 27, 0.7 miles east of GA Highway 114 on Mohawk Industries property.

**DRAINAGE AREA.**--238 mi<sup>2</sup>.

**COOPERATION.**—City of Summerville.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**--May 1998 to current year.

**GAGE.**--Standard USGS vertical staff gage.

**RATING.**--Rating Number 1, effective October 1998 to current water year.

**REMARKS.**--Records good. Measurements for 2001 water year are as follows:

<u>DATE</u>	<u>GAGE-HEIGHT (feet)</u>	<u>DISCHARGE (ft<sup>3</sup>/s)</u>
11/29/2000	4.14	183
07/30/2001	3.88	149

**MOBILE RIVER BASIN  
2001 Water Year**

**02398037 CHATTOOGA RIVER AT CHATTOOGAVILLE, GA**

**LOCATION.**--Lat 34°20'08", long 85°26'43", 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<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--December 1999 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 580 feet above sea level (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. STREAM SOURCE AGENCY USGS  
 LATITUDE 342008 LONGITUDE 0852643 DRAINAGE AREA 281 DATUM STATE 13 COUNTY 055

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	77	77	171	135	467	612	546	176	187	156	131	126
2	75	76	164	131	403	548	486	173	316	145	126	150
3	72	77	171	121	361	553	517	167	234	159	126	218
4	71	79	179	118	326	771	925	161	263	190	133	218
5	71	83	165	118	296	661	901	154	227	245	145	160
6	72	85	156	119	273	569	742	153	212	461	175	140
7	70	90	152	121	266	514	654	155	206	359	149	130
8	65	161	149	145	248	471	588	149	443	262	137	122
9	66	643	144	161	237	437	532	151	382	212	138	118
10	66	738	143	149	321	402	490	147	311	214	144	112
11	66	284	140	144	329	376	449	142	261	220	147	107
12	67	194	133	167	283	956	414	142	243	203	143	104
13	71	165	126	189	345	2280	416	138	229	186	326	103
14	70	145	141	184	445	1120	484	130	203	170	525	102
15	69	132	149	181	463	1860	443	128	182	148	309	99
16	69	130	170	171	535	1940	471	124	192	152	212	98
17	67	173	490	165	1570	1160	397	122	176	128	178	97
18	66	198	393	294	1100	883	367	119	170	132	168	96
19	69	167	304	1780	796	748	339	123	165	138	158	100
20	68	156	258	2160	675	3150	317	147	125	141	152	102
21	77	142	224	1030	591	5740	297	126	162	148	131	100
22	74	133	206	739	630	3710	278	121	200	155	121	98
23	72	130	190	604	662	1470	260	118	273	143	106	98
24	71	139	188	520	551	1100	248	117	202	136	104	105
25	71	345	176	447	886	895	240	153	175	132	112	122
26	84	507	162	388	1220	747	227	134	173	148	111	102
27	81	334	158	353	831	647	217	124	168	137	179	98
28	81	252	156	311	704	575	208	149	170	129	189	95
29	81	212	151	281	---	601	198	381	164	137	116	94
30	78	188	143	565	---	782	186	274	159	160	111	95
31	75	---	137	586	---	619	---	193	---	141	114	---
TOTAL	2232	6235	5789	12577	15814	36897	12837	4791	6573	5587	5116	3509
MEAN	72.0	208	187	406	565	1190	428	155	219	180	165	117
MAX	84	738	490	2160	1570	5740	925	381	443	461	525	218
MIN	65	76	126	118	237	376	186	117	125	128	104	94
CFSM	.26	.74	.66	1.44	2.01	4.24	1.52	.55	.78	.64	.59	.42
IN.	.30	.83	.77	1.66	2.09	4.88	1.70	.63	.87	.74	.68	.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2001	2000	2001	2001	2000	2001	2000	2000	2001	2000
MEAN	72.0	208	187	314	416	897	716	167	175	137	130	98.0
MAX	72.0	208	187	406	565	1190	1004	180	219	180	165	117
(WY)	2001	2001	2001	2001	2001	2001	2000	2000	2001	2001	2001	2001
MIN	72.0	208	187	223	273	604	428	155	131	93.0	94.5	79.0
(WY)	2001	2001	2001	2000	2000	2000	2001	2001	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 2000 - 2001

ANNUAL TOTAL	95652	117957	
ANNUAL MEAN	261	323	323
HIGHEST ANNUAL MEAN			323
LOWEST ANNUAL MEAN			323
HIGHEST DAILY MEAN	6430	Apr 5	5740 Mar 21
LOWEST DAILY MEAN	65	Oct 8	65 Oct 8
ANNUAL SEVEN-DAY MINIMUM	67	Oct 7	67 Oct 7
MAXIMUM PEAK FLOW			6100 Mar 21
MAXIMUM PEAK STAGE			16.33 Mar 21
ANNUAL RUNOFF (CFSM)	.93		1.15
ANNUAL RUNOFF (INCHES)	12.66		15.62
10 PERCENT EXCEEDS	454		650
50 PERCENT EXCEEDS	143		168
90 PERCENT EXCEEDS	75		85

**MOBILE RIVER BASIN  
2001 Water Year**

**02411735 McCLENDON CREEK TRIBUTARY AT GA 120, NEAR DALLAS, GA**

**LOCATION.**--Lat 33°50'58", long 84°57'20", Paulding County, Hydrologic Unit 03150108, at culvert on GA Highway 120, 9.3 miles southwest of Dallas.

**DRAINAGE AREA.**—0.88 mi<sup>2</sup>.

**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 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 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<sup>3</sup>/s, May 27, 1981

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 3.53 feet, November 9

**DISCHARGE:** 225 ft<sup>3</sup>/s, November 9

**MOBILE RIVER BASIN**  
**2001 Water Year**

**02411902 MANN CREEK TRIBUTARY AT GA 100, NEAR TALLOPOOSA, GA**

**LOCATION.**--Lat 33°51'16", long 85°17'28", Haralson County, Hydrologic Unit 03150108, at culvert on GA Highway 100, 7.0 miles north of Tallapoosa.

**DRAINAGE AREA.**—0.12 mi<sup>2</sup>.

**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 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 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:** 5.51 feet, April 13, 1979

**DISCHARGE:** 107 ft<sup>3</sup>/s, April 13, 1979

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 4.65 feet, November 9

**DISCHARGE:** 77.9 ft<sup>3</sup>/s, November 9



**MOBILE RIVER BASIN  
2001 Water Year**

**02411930 TALLAPOOSA RIVER BELOW TALLAPOOSA, GA**

**LOCATION.**--Lat 33°44'27", long 85°20'11", Haralson County, Hydrologic Unit 03150108, at bridge on US Highway 78, 0.4 miles upstream from Walker Creek, and 2.7 miles west of Tallapoosa, and at mile 216.5.

**DRAINAGE AREA.**--272 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--December 1999 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 910.00 feet above sea level (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  
 LATITUDE 334427 LONGITUDE 0852011 DRAINAGE AREA 272 DATUM STATE 13 COUNTY 143

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	12	16	122	111	377	430	441	230	628	420	96	69
2	11	17	115	110	306	388	399	230	1070	269	76	82
3	11	18	117	105	267	527	439	215	592	224	68	160
4	11	20	115	126	247	1370	640	203	462	195	79	246
5	12	19	113	116	230	889	951	197	481	195	75	188
6	19	23	107	108	211	555	815	192	366	189	78	128
7	30	25	103	104	191	455	578	184	297	166	80	93
8	22	58	100	164	182	406	502	193	291	137	79	79
9	18	1490	98	199	178	376	455	195	379	122	83	70
10	16	880	97	172	250	351	423	192	327	125	77	62
11	15	367	97	151	267	326	397	202	270	152	71	58
12	16	221	96	174	279	608	375	278	250	126	78	55
13	15	150	91	181	371	1530	382	306	244	111	129	53
14	16	118	111	172	377	855	423	228	217	98	129	49
15	14	96	126	166	328	2190	564	189	220	93	116	44
16	14	90	163	155	305	1650	689	173	249	86	89	40
17	13	120	278	149	529	768	507	160	225	81	72	39
18	13	124	229	195	548	563	418	149	180	76	63	38
19	13	192	190	1290	406	504	377	145	154	71	57	38
20	14	283	165	1860	340	3270	357	211	138	68	53	36
21	13	239	148	821	304	3810	333	240	127	74	48	36
22	12	173	142	487	494	1310	317	229	141	71	45	35
23	12	141	131	390	556	805	302	217	197	70	42	36
24	12	125	125	328	438	627	283	190	218	59	39	34
25	14	178	121	282	928	547	281	201	161	56	37	37
26	14	254	115	254	1120	484	268	201	148	58	36	38
27	17	221	117	236	606	438	259	182	154	58	31	36
28	15	169	130	222	486	416	249	228	144	64	25	33
29	14	150	135	206	---	435	240	575	425	112	28	30
30	15	134	127	461	---	533	231	536	421	162	33	29
31	17	---	116	483	---	498	---	314	---	144	36	---
TOTAL	460	6111	4040	9978	11121	27914	12895	7185	9176	3932	2048	1971
MEAN	14.8	204	130	322	397	900	430	232	306	127	66.1	65.7
MAX	30	1490	278	1860	1120	3810	951	575	1070	420	129	246
MIN	11	16	91	104	178	326	231	145	127	56	25	29
CFSM	.05	.75	.48	1.18	1.46	3.31	1.58	.85	1.12	.47	.24	.24
IN.	.06	.84	.55	1.36	1.52	3.82	1.76	.98	1.25	.54	.28	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001
MEAN	14.8	204	130	284	334	625	429	172	177	72.0	44.4	42.2
MAX	14.8	204	130	322	397	900	430	232	306	127	66.1	65.7
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
MIN	14.8	204	130	245	274	349	429	112	48.9	17.2	22.8	18.7
(WY)	2001	2001	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 2000 - 2001

ANNUAL TOTAL	56587.1	96831	
ANNUAL MEAN	155	265	265
HIGHEST ANNUAL MEAN			265 2001
LOWEST ANNUAL MEAN			265 2001
HIGHEST DAILY MEAN	2840	Apr 4	3810 Mar 21
LOWEST DAILY MEAN	6.1	Jul 23	11 Oct 2
ANNUAL SEVEN-DAY MINIMUM	7.2	Jul 22	13 Oct 18
MAXIMUM PEAK FLOW			4870 Mar 20
MAXIMUM PEAK STAGE			16.72 Mar 20
ANNUAL RUNOFF (CFSM)	.57	.98	16.72 Mar 20 2001
ANNUAL RUNOFF (INCHES)	7.74	13.24	13.25
10 PERCENT EXCEEDS	298	540	456
50 PERCENT EXCEEDS	97	166	128
90 PERCENT EXCEEDS	11	24	14

**MOBILE RIVER BASIN  
2001 Water Year**

**02413210 LITTLE TALLAPOOSA RIVER BELOW BOWDON, GA**

**LOCATION.**--Lat 33°29'34", long 85°16'45", Carroll County, GA, Hydrologic Unit 03150108, at bridge on GA Highway 100, 1.9 miles upstream from Indian Creek, and 3.8 miles southwest of Bowdon.

**DRAINAGE.**--245 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--December 1999 to current year.

**GAGE.**—Satellite telemetry with a water-stage recorder. Datum of gage is 910 feet above sea level (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  
 LATITUDE 332934 LONGITUDE 0851645 DRAINAGE AREA 245 DATUM STATE 13 COUNTY 045

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	24	20	109	110	396	372	450	170	381	127	110	41
2	24	19	106	102	304	327	392	160	751	140	78	49
3	24	18	102	97	259	420	578	156	627	138	61	109
4	21	20	98	98	220	1170	1350	142	474	152	54	228
5	18	21	92	94	195	1100	1170	135	435	368	56	206
6	24	22	91	91	174	711	1070	129	333	276	56	113
7	41	29	86	87	165	452	913	124	272	231	54	78
8	41	33	88	119	159	365	636	113	314	168	82	65
9	29	530	84	162	150	320	509	108	345	129	84	58
10	24	796	84	142	192	288	447	127	289	113	74	53
11	23	425	82	126	229	266	399	118	245	158	67	51
12	22	204	83	130	201	744	356	140	366	138	61	48
13	22	124	77	143	228	1780	353	129	508	105	58	48
14	19	91	86	137	239	1700	439	117	340	93	64	43
15	18	76	110	125	227	2470	474	100	265	79	64	36
16	17	64	146	120	216	2310	689	97	264	72	58	34
17	16	78	279	125	445	1920	618	86	231	68	48	33
18	16	92	291	142	516	1220	435	80	182	61	40	31
19	16	177	224	854	364	686	355	78	145	58	38	31
20	17	295	184	1610	297	2740	316	149	123	72	37	31
21	17	226	154	1540	262	3110	290	258	110	97	37	32
22	15	147	154	1040	331	2760	276	266	103	64	36	31
23	16	122	140	477	852	1870	267	257	164	57	34	30
24	17	110	122	348	685	1080	250	193	199	51	33	33
25	22	171	112	283	503	711	248	147	162	48	30	40
26	22	266	106	238	743	520	241	124	156	47	28	44
27	21	222	107	209	622	433	222	113	152	49	26	40
28	20	168	112	188	453	379	203	105	131	48	26	36
29	20	139	134	172	---	402	192	172	119	47	28	33
30	20	122	133	434	---	564	177	243	116	69	33	31
31	19	---	117	575	---	537	---	188	---	102	37	---
TOTAL	665	4827	3893	10118	9627	33727	14315	4524	8302	3425	1592	1736
MEAN	21.5	161	126	326	344	1088	477	146	277	110	51.4	57.9
MAX	41	796	291	1610	852	3110	1350	266	751	368	110	228
MIN	15	18	77	87	150	266	177	78	103	47	26	30
CFSM	.09	.66	.51	1.33	1.40	4.44	1.95	.60	1.13	.45	.21	.24
IN.	.10	.73	.59	1.54	1.46	5.12	2.17	.69	1.26	.52	.24	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2001	2001	2001	2001	2001	2001	2001	2000	2000	2000
MEAN	21.5	161	126	264	313	724	508	118	160	66.6	41.5	43.4
MAX	21.5	161	126	326	344	1088	538	146	277	110	51.4	57.9
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
MIN	21.5	161	126	202	283	360	477	90.5	42.9	22.8	31.7	28.9
(WY)	2001	2001	2001	2000	2000	2000	2001	2000	2000	2000	2000	2000

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 2000 - 2001

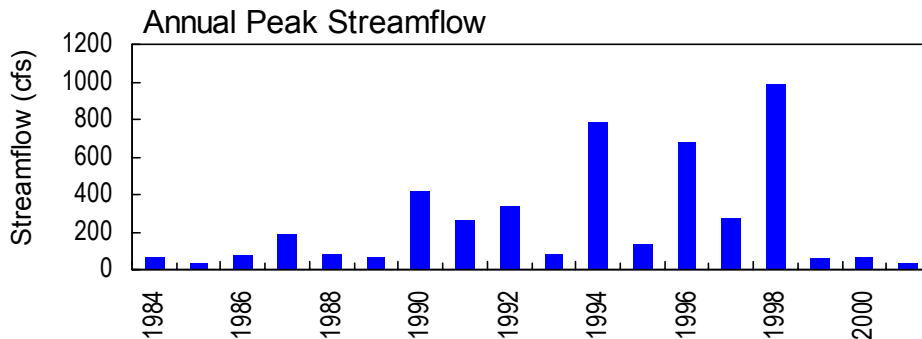
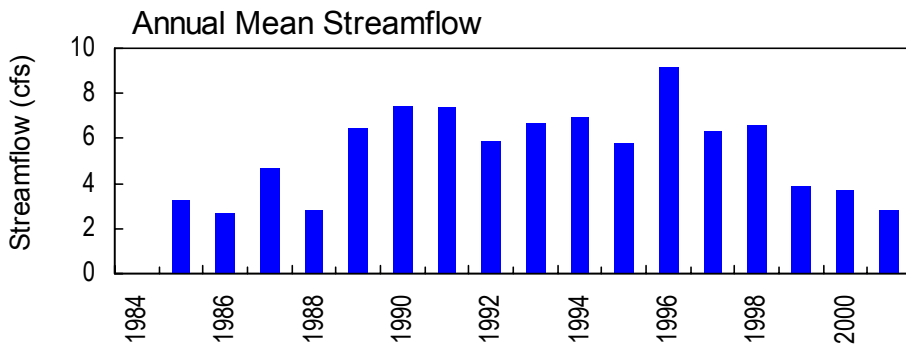
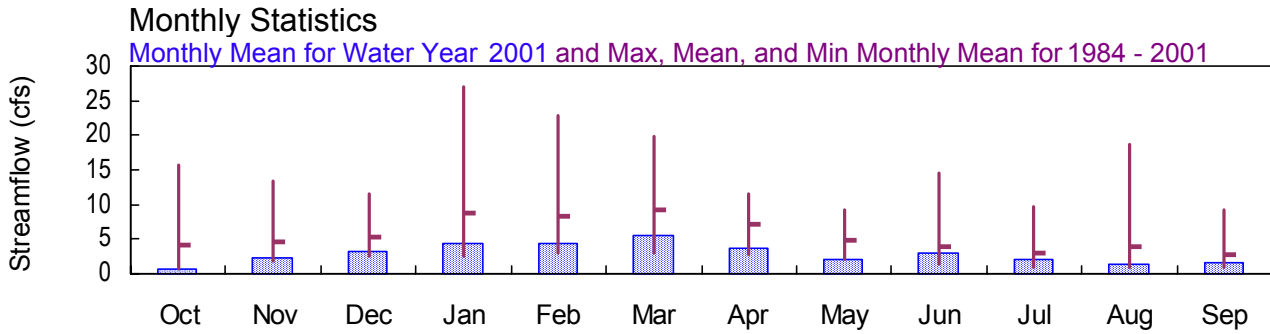
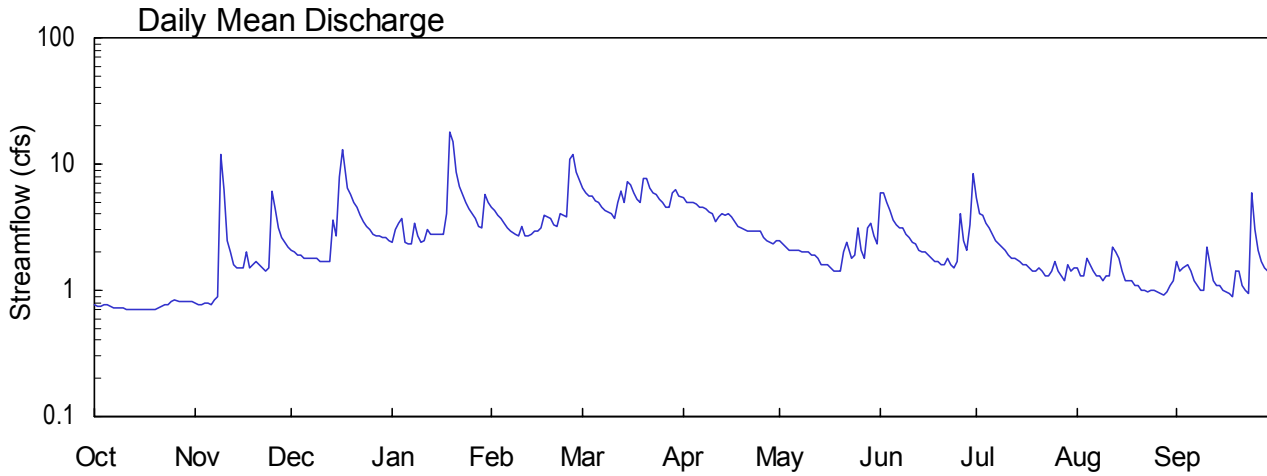
ANNUAL TOTAL	57838	96751	
ANNUAL MEAN	158	265	265
HIGHEST ANNUAL MEAN			265 2001
LOWEST ANNUAL MEAN			265 2001
HIGHEST DAILY MEAN	2420	Apr 4	3110 Mar 21
LOWEST DAILY MEAN	13	Sep 20	15 Oct 22
ANNUAL SEVEN-DAY MINIMUM	16	Oct 17	16 Oct 17 2000
MAXIMUM PEAK FLOW			3660 Mar 20
MAXIMUM PEAK STAGE			14.19 Mar 20 14.19 Mar 20 2001
ANNUAL RUNOFF (CFSM)	.65		1.08
ANNUAL RUNOFF (INCHES)	8.78		14.69 14.70
10 PERCENT EXCEEDS	303		576 453
50 PERCENT EXCEEDS	76		129 113
90 PERCENT EXCEEDS	20		27 23

# TENNESSEE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 2141 feet Period of Record: 1984 - 2001



**TENNESSEE RIVER BASIN  
2001 Water Year**

**03544947 BRIER CREEK NEAR HIAWASSEE, GA**

**LOCATION.**--Lat 34°50'05", long 83°42'34", 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<sup>2</sup>.

**COOPERATION.**—USGS Geologic Discipline 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 sea level (leveling by Global Positioning System equipment).

**REMARKS.**—Records are fair, except those greater than 20 ft<sup>3</sup>/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<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
Jan. 19	1530	31*	2.46*

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**--May 1984 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 2,141.43 feet above sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records fair.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 2.46 feet, January 19; minimum gage-height recorded, 1.43 feet, October 23-25, November 1-7.

STATION NUMBER 03544947 BRIER CREEK NEAR HIAWASSEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345005 LONGITUDE 0834234 DRAINAGE AREA 1.67 DATUM 2141.43 STATE 13 COUNTY 281

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	e.78	.80	e2.1	e2.4	4.6	6.5	e5.4	2.5	5.9	5.4	1.5	1.7
2	e.75	.76	e2.0	e3.0	4.3	6.0	e5.0	2.3	6.0	4.1	1.3	1.4
3	e.75	.76	e1.9	e3.4	3.9	5.6	e5.0	2.2	5.0	3.9	1.3	1.5
4	e.76	.80	e1.9	e3.7	3.7	5.6	e5.0	2.1	4.3	3.4	1.8	1.6
5	e.76	.79	e1.8	e2.4	3.4	5.1	e4.8	2.1	3.6	3.1	1.6	1.4
6	e.75	.76	e1.8	e2.3	3.1	4.9	e4.5	2.1	3.3	2.8	1.4	1.2
7	e.73	.85	e1.8	e2.3	2.9	4.6	e4.5	2.1	3.1	2.5	1.3	1.1
8	e.73	.89	e1.8	e3.4	2.8	4.3	e4.4	2.0	3.1	2.3	1.3	1.0
9	e.72	e12	e1.8	e2.7	2.7	4.2	e4.2	2.0	2.8	2.2	1.2	.99
10	e.72	e6.2	e1.7	2.4	3.2	4.0	e4.0	2.0	2.6	2.1	1.3	2.2
11	e.71	e2.5	e1.7	2.5	2.7	e3.7	e3.5	1.9	2.4	1.9	1.3	1.6
12	e.70	e2.0	e1.7	3.0	2.7	e5.0	e3.8	1.9	2.3	1.8	2.2	1.2
13	e.70	e1.6	e1.7	2.8	2.8	e6.1	e4.0	1.8	2.1	1.8	2.0	1.1
14	e.70	e1.5	e3.6	2.8	2.9	e5.0	e3.9	1.6	2.0	1.7	1.8	1.1
15	e.70	e1.5	e2.7	2.8	2.9	e7.3	e4.0	1.6	2.0	1.6	1.4	1.0
16	e.70	e1.5	e8.0	2.8	3.1	e6.8	e3.8	1.6	1.9	1.6	1.2	.96
17	e.70	e2.0	e13	2.8	3.9	e5.9	3.5	1.5	1.8	1.5	1.2	.93
18	e.70	e1.5	e6.4	4.0	3.8	e5.2	3.2	1.4	1.7	1.4	1.2	.89
19	e.70	e1.6	e5.8	18	3.7	e4.9	3.1	1.4	1.7	1.4	1.1	1.4
20	e.71	e1.7	e5.0	15	3.3	e7.7	3.0	1.4	1.6	1.5	1.1	1.4
21	e.73	e1.6	e4.5	8.6	3.2	e7.7	2.9	2.0	1.6	1.4	1.0	1.1
22	e.74	e1.5	e3.9	6.7	4.1	e6.5	2.9	2.4	1.8	1.3	.99	1.0
23	e.76	e1.4	e3.5	5.8	3.9	e6.0	2.9	1.8	1.6	1.3	.96	.94
24	.76	e1.5	e3.2	4.9	3.8	e5.7	2.9	1.9	1.5	1.4	1.0	5.9
25	.82	e6.1	e3.0	4.4	11	e5.3	2.9	3.1	1.7	1.7	1.0	3.0
26	.85	e4.4	e2.8	4.0	12	e5.0	2.6	2.1	4.1	1.4	.97	2.1
27	.82	e3.1	e2.7	3.7	8.7	e4.6	2.5	1.8	2.5	1.3	.93	1.7
28	.82	e2.6	e2.7	3.2	7.4	e4.5	2.4	3.1	2.1	1.2	.92	1.5
29	.82	e2.4	e2.6	3.1	---	e6.0	2.3	3.4	3.3	1.6	.97	1.4
30	.82	e2.2	e2.6	5.7	---	e6.2	2.5	2.7	8.5	1.4	1.1	1.3
31	.82	---	e2.5	5.0	---	e5.6	---	2.3	---	1.5	1.2	---
TOTAL	23.23	68.81	102.2	139.6	120.5	171.5	109.4	64.1	87.9	63.5	39.54	45.61
MEAN	.75	2.29	3.30	4.50	4.30	5.53	3.65	2.07	2.93	2.05	1.28	1.52
MAX	.85	12	13	18	12	7.7	5.4	3.4	8.5	5.4	2.2	5.9
MIN	.70	.76	1.7	2.3	2.7	3.7	2.3	1.4	1.5	1.2	.92	.89
CFSM	.45	1.37	1.97	2.70	2.58	3.31	2.18	1.24	1.75	1.23	.76	.91
IN.	.52	1.53	2.28	3.11	2.68	3.82	2.44	1.43	1.96	1.41	.88	1.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2001, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	4.09	4.55	5.37	8.67	8.25	9.25	7.18	4.75	3.86	2.96	4.03	2.73						
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	.64	1.86	2.44	2.64	2.99	2.92	2.73	2.07	1.39	.87	.82	.87						
(WY)	1988	1999	1985	1985	1986	1988	1986	2001	2000	1986	1986	1986						

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1984 - 2001

ANNUAL TOTAL	1168.18	1035.89		
ANNUAL MEAN	3.19	2.84	5.45	
HIGHEST ANNUAL MEAN			9.17	1996
LOWEST ANNUAL MEAN			2.69	1986
HIGHEST DAILY MEAN	32	Apr 3	18	Jan 19
LOWEST DAILY MEAN	.60	Jul 22	.70	Oct 12
ANNUAL SEVEN-DAY MINIMUM	.62	Sep 13	.70	Oct 12
MAXIMUM PEAK FLOW			31	Jan 19
MAXIMUM PEAK STAGE			2.46	Jan 19
ANNUAL RUNOFF (CFSM)	1.91		1.70	
ANNUAL RUNOFF (INCHES)	26.02		23.07	44.34
10 PERCENT EXCEEDS	6.3		5.6	9.7
50 PERCENT EXCEEDS	1.9		2.2	3.7
90 PERCENT EXCEEDS	.75		.84	1.1

STATISTICS COMPUTED BY: gabailey

DATE: 04/09/2002 AT: 08:39:07

e Estimated

STATION NUMBER 03544947 BRIER CREEK NEAR HIAWASSEE, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345005 LONGITUDE 0834234 DRAINAGE AREA 1.67 DATUM 2141.43 STATE 13 COUNTY 281

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	---	1.44	---	---	1.84	1.93	---	1.70	1.86	1.83	1.54	1.57
2	---	1.43	---	---	1.82	1.90	---	1.69	1.86	1.76	1.53	1.54
3	---	1.43	---	---	1.80	1.88	---	1.68	1.81	1.75	1.52	1.55
4	---	1.44	---	---	1.78	1.88	---	1.67	1.77	1.72	1.57	1.56
5	---	1.44	---	---	1.77	1.87	---	1.67	1.73	1.69	1.56	1.53
6	---	1.43	---	---	1.75	1.86	---	1.67	1.71	1.67	1.54	1.51
7	---	1.44	---	---	1.74	1.84	---	1.67	1.69	1.64	1.53	1.50
8	---	1.45	---	---	1.73	1.82	---	1.66	1.69	1.63	1.52	1.49
9	---	---	---	---	1.72	1.81	---	1.66	1.67	1.62	1.52	1.49
10	---	---	---	1.62	1.75	1.80	---	1.66	1.65	1.61	1.52	1.58
11	---	---	---	1.62	1.72	---	---	1.65	1.63	1.59	1.52	1.56
12	---	---	---	1.67	1.72	---	---	1.65	1.63	1.59	1.61	1.52
13	---	---	---	1.65	1.73	---	---	1.64	1.61	1.58	1.60	1.50
14	---	---	---	1.65	1.74	---	---	1.63	1.60	1.57	1.58	1.50
15	---	---	---	1.65	1.74	---	---	1.62	1.60	1.56	1.54	1.49
16	---	---	---	1.65	1.75	---	---	1.62	1.59	1.56	1.52	1.48
17	---	---	---	1.65	1.80	---	1.78	1.61	1.58	1.55	1.52	1.48
18	---	---	---	1.74	1.79	---	1.76	1.60	1.57	1.54	1.51	1.47
19	---	---	---	2.20	1.78	---	1.75	1.60	1.57	1.54	1.50	1.53
20	---	---	---	2.18	1.77	---	1.74	1.60	1.56	1.55	1.50	1.54
21	---	---	---	2.01	1.76	---	1.74	1.66	1.56	1.54	1.49	1.50
22	---	---	---	1.93	1.81	---	1.74	1.69	1.58	1.53	1.48	1.49
23	---	---	---	1.89	1.80	---	1.74	1.64	1.56	1.52	1.48	1.48
24	1.43	---	---	1.85	1.79	---	1.74	1.65	1.55	1.54	1.49	1.85
25	1.44	---	---	1.83	2.07	---	1.73	1.74	1.57	1.57	1.49	1.68
26	1.44	---	---	1.80	2.10	---	1.72	1.67	1.74	1.54	1.48	1.61
27	1.44	---	---	1.78	2.01	---	1.71	1.64	1.64	1.53	1.48	1.57
28	1.44	---	---	1.76	1.96	---	1.70	1.74	1.61	1.52	1.47	1.55
29	1.44	---	---	1.75	---	---	1.69	1.77	1.66	1.56	1.48	1.53
30	1.44	---	---	1.89	---	---	1.71	1.72	1.97	1.54	1.50	1.52
31	1.44	---	---	1.86	---	---	---	1.69	---	1.55	1.51	---
MEAN	---	---	---	---	1.81	---	---	1.66	1.66	1.60	1.52	1.54
MAX	---	---	---	---	2.10	---	---	1.77	1.97	1.83	1.61	1.85
MIN	---	---	---	---	1.72	---	---	1.60	1.55	1.52	1.47	1.47



**TENNESSEE RIVER BASIN**  
**2001 Water Year**

**03545000 HIWASSEE RIVER AT PRESLEY, GA**

**LOCATION.**--Lat 34°54'17", long 83°42'01", Towns County, Hydrologic Unit 06020002, on left bank, 0.1 miles downstream from Cynth Creek, 0.5 miles southeast of Presley, and at mile 133.9.

**DRAINAGE AREA.**—45.5 mi<sup>2</sup>.

**COOPERATION.**—Tennessee Valley Authority.

**PEAK-DISCHARGE RECORDS**

**PERIOD OF RECORD.**—1942 to 1982 (operated as a continuous streamflow station), 1983 to current year.

**GAGE.**--Crest-stage partial-record gage. Datum of gage is 1,932.69 feet above sea level.

**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. The Tennessee Valley Authority performs the operation of this station.

**MAXIMUM FOR PERIOD OF RECORD.**—

**STAGE:** 15.24 feet, March 11, 1952

**DISCHARGE:** 5,700 ft<sup>3</sup>/s, March 11, 1952

**MAXIMUM FOR CURRENT YEAR.**—

**STAGE:** 6.99 feet, June 30

**DISCHARGE:** 980 ft<sup>3</sup>/s, June 30

**TENNESSEE RIVER BASIN  
2001 Water Year**

**03550500 NOTTELY RIVER NEAR BLAIRSVILLE, GA**

**LOCATION.**--Lat 34° 50' 28", long 83° 56' 10", Union County, Hydrologic Unit 06020002, 0.2 miles upstream from Akins Creek, 2.7 miles southeast of Blairsville, 0.3 miles west of US Highway 19.

**DRAINAGE AREA.**--74.8 mi<sup>2</sup>.

**COOPERATION.**—City of Blairsville.

**LOW-WATER RATING RECORDS**

**PERIOD OF RECORD.**--August 10, 1993 to current water year.

**GAGE.**--Standard USGS reference mark. Datum of gage 1812.47 feet.

**RATING.**--Rating Number 18, effective August 1993 to current water year.

**REMARKS.**--Measurements for the 2001 water year are as follows:

<b>DATE</b>	<b>GAGE-HEIGHT (feet)</b>	<b>DISCHARGE (ft<sup>3</sup>/s)</b>
08/14/01	2.31	87.8
08/21/01	2.12	48.5

## TENNESSEE RIVER BASIN

### 03553000 NOTTELY LAKE NEAR IVYLOG, GA

**LOCATION.**--Lat 34°57'29", long 84°05'22", 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

### 03558500 BLUE RIDGE LAKE NEAR BLUE RIDGE, GA

**LOCATION.**--Lat 34°52'52", long 84°16'49", Fannin County, Hydrologic Unit 06020003, 400 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:

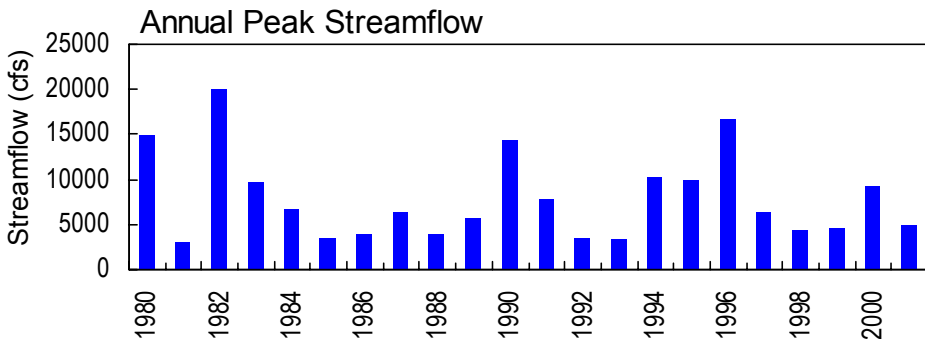
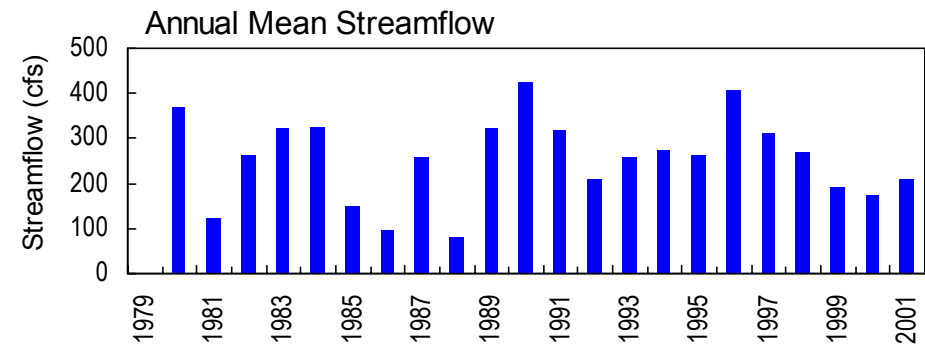
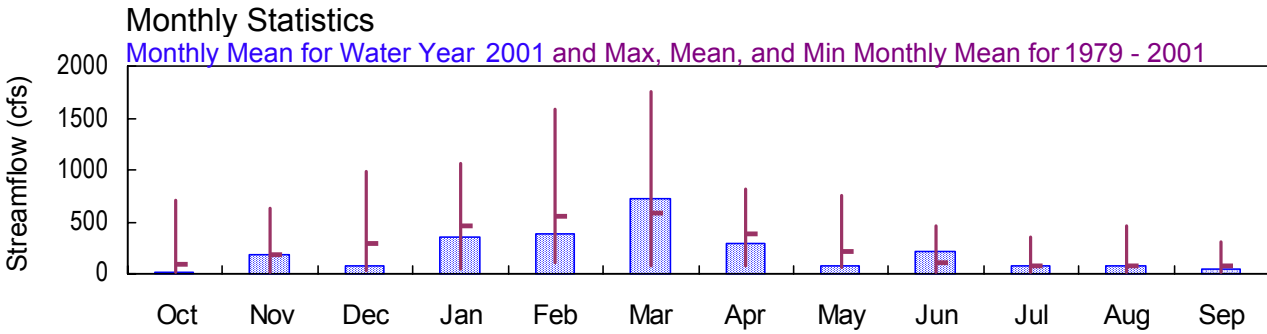
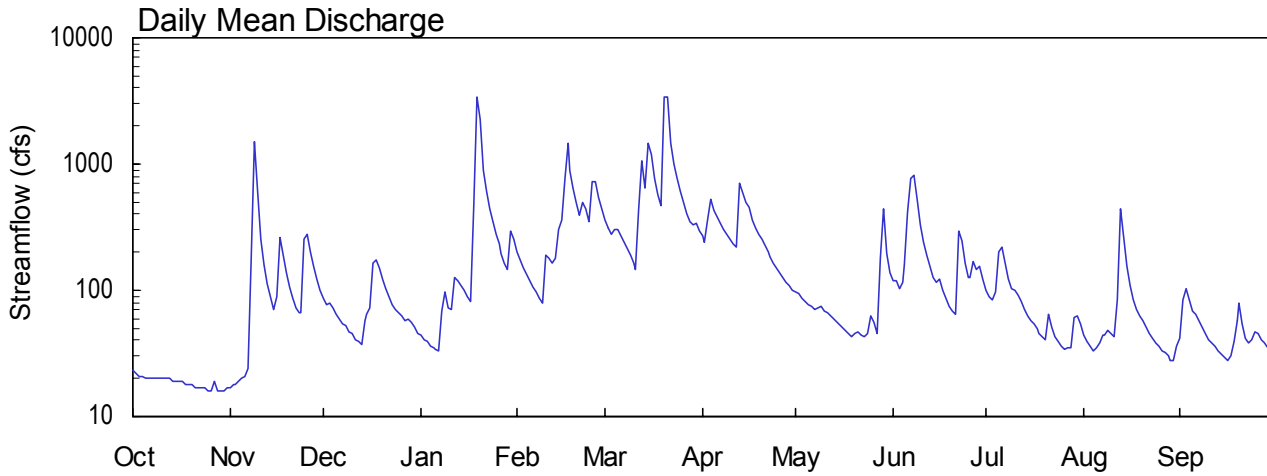
<http://lakeinfo.tva.gov/>

# TENNESSEE RIVER BASIN

## 2001 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<sup>2</sup> Datum: 663.8 feet Period of Record: 1979 - 2001



USGS 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA

**TENNESSEE RIVER BASIN  
2001 Water Year**

**03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA**

**LOCATION.**--Lat 34°53'51", long 85°27'47", 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<sup>2</sup>.

**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 sea level (levels by Tennessee Valley Authority). From August 30, 1979 to October 4, 1988, a water-stage recorder was located at a site 200 feet downstream at the same datum.

**REMARKS.**--Records good, except for periods of estimated discharges, which are fair.

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

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE-HEIGHT (ft)
01/19/01	1345	4,640	14.09
03/20/01	1345	5,010*	14.35

**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 sea level.

**REMARKS.**--Records good.

**EXTREMES FOR CURRENT YEAR.**--Maximum gage-height recorded, 14.35 feet, March 20; minimum gage-height recorded, 3.18 feet, November 1-4.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**--May 23, 2001 to September 30, 2001.

**GAGE.**--Tipping-bucket raingage.

**REMARKS.**-- Records good.

STATION NUMBER 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345351 LONGITUDE 0852747 DRAINAGE AREA 149.00 DATUM 663.80 STATE 13 COUNTY 083

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	23	e17	86	44	200	364	269	96	118	101	44	42
2	22	e18	76	41	172	308	240	94	119	90	39	83
3	21	e18	79	39	149	276	358	87	103	84	36	103
4	21	e19	73	36	132	304	529	81	115	98	33	85
5	20	20	65	35	119	307	426	77	159	200	35	69
6	20	21	59	34	107	268	381	74	421	222	38	64
7	20	24	55	33	96	238	341	71	772	163	44	57
8	20	179	52	68	86	213	304	73	807	122	44	51
9	20	1520	47	96	80	191	276	74	528	102	48	46
10	20	602	45	73	192	164	254	69	335	101	45	41
11	20	255	41	70	177	148	230	66	241	92	43	38
12	20	160	39	126	166	427	218	63	192	81	84	36
13	20	113	37	119	178	1050	703	59	155	71	438	33
14	19	88	57	108	301	640	588	57	128	63	259	31
15	19	70	65	99	363	1480	495	54	115	58	154	29
16	19	88	73	89	777	1180	453	51	123	54	109	28
17	e19	265	165	81	1470	767	364	48	100	50	84	e30
18	e18	189	174	471	894	574	315	45	86	46	71	e39
19	e18	137	152	3370	646	467	281	43	75	43	63	e57
20	e18	107	123	2280	493	3450	251	46	69	40	57	79
21	e17	87	103	891	396	3450	225	47	65	65	51	55
22	e17	73	90	604	499	1440	201	44	296	49	46	42
23	e17	66	78	446	436	1010	183	43	248	43	42	38
24	e17	67	71	349	349	773	166	45	166	39	38	41
25	e16	256	66	280	722	610	152	63	126	36	36	47
26	e16	275	62	232	730	496	139	56	128	34	33	45
27	e19	203	58	196	541	410	127	46	168	35	32	41
28	e16	153	59	164	443	355	117	177	144	35	30	38
29	e16	121	56	146	---	331	108	437	156	61	28	35
30	e16	101	51	298	---	338	100	195	122	62	28	32
31	e17	---	46	252	---	296	---	136	---	54	36	---
TOTAL	581	5312	2303	11170	10914	22325	8794	2617	6380	2396	2168	1455
MEAN	18.7	177	74.3	360	390	720	293	84.4	213	77.3	69.9	48.5
MAX	23	1520	174	3370	1470	3450	703	437	807	222	438	103
MIN	16	17	37	33	80	148	100	43	65	34	28	28
CFSM	.13	1.19	.50	2.42	2.62	4.83	1.97	.57	1.43	.52	.47	.33
IN.	.15	1.33	.57	2.79	2.72	5.57	2.20	.65	1.59	.60	.54	.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 2001, BY WATER YEAR (WY)

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	97.9	179	293	466	559	583	383	212	109	71.1	73.1	73.8												
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 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1979 - 2001

ANNUAL TOTAL	67165	76415																						
ANNUAL MEAN	184	209								256														
HIGHEST ANNUAL MEAN										424		1990												
LOWEST ANNUAL MEAN										81.0		1988												
HIGHEST DAILY MEAN	6720	Apr 4	3450	Mar 20	11900	Oct 5	1995																	
LOWEST DAILY MEAN	16	Oct 25	16	Oct 25	9.9	Aug 22	1999																	
ANNUAL SEVEN-DAY MINIMUM	17	Oct 24	17	Oct 24	10	Aug 16	1999																	
MAXIMUM PEAK FLOW			5010	Mar 20	20000	Aug 17	1982																	
MAXIMUM PEAK STAGE			14.35	Mar 20	20.73	Aug 17	1982																	
ANNUAL RUNOFF (CFSM)	1.23		1.41		1.72																			
ANNUAL RUNOFF (INCHES)	16.77		19.08		23.33																			
10 PERCENT EXCEEDS	366		469		574																			
50 PERCENT EXCEEDS	64		86		93																			
90 PERCENT EXCEEDS	20		23		22																			

STATISTICS COMPUTED BY: jkjoiner

DATE: 03/11/2002 AT: 08:06:02

e Estimated

STATION NUMBER 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345351 LONGITUDE 0852747 DRAINAGE AREA 149.00 DATUM 663.80 STATE 13 COUNTY 083

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	3.26	---	4.39	3.95	5.15	5.96	5.35	4.17	4.35	4.21	3.59	3.57
2	3.25	---	4.30	3.91	4.99	5.70	5.18	4.15	4.37	4.11	3.51	3.98
3	3.23	---	4.32	3.88	4.86	5.55	5.78	4.08	4.22	4.05	3.47	4.23
4	3.22	---	4.26	3.83	4.75	5.68	6.62	4.02	4.29	4.14	3.43	4.06
5	3.22	3.20	4.18	3.83	4.66	5.69	6.17	3.97	4.65	4.88	3.46	3.89
6	3.21	3.22	4.12	3.81	4.57	5.51	5.96	3.94	5.84	5.07	3.51	3.83
7	3.21	3.28	4.08	3.80	4.48	5.35	5.75	3.92	7.63	4.68	3.59	3.75
8	3.20	4.66	4.04	4.20	4.39	5.22	5.55	3.93	7.76	4.39	3.59	3.68
9	3.20	9.89	3.99	4.47	4.34	5.10	5.39	3.95	6.61	4.22	3.63	3.61
10	3.20	6.94	3.96	4.27	5.09	4.94	5.26	3.89	5.72	4.21	3.60	3.55
11	3.20	5.44	3.91	4.23	5.02	4.85	5.12	3.86	5.18	4.13	3.57	3.50
12	3.20	4.92	3.88	4.71	4.96	6.06	5.05	3.82	4.87	4.02	3.88	3.46
13	3.20	4.61	3.85	4.66	5.03	8.77	7.28	3.78	4.63	3.91	6.06	3.42
14	3.19	4.41	4.09	4.58	5.66	7.08	6.86	3.75	4.43	3.82	5.28	3.39
15	3.19	4.24	4.18	4.51	5.95	10.00	6.48	3.72	4.33	3.76	4.62	3.35
16	3.19	4.34	4.25	4.42	7.63	9.27	6.29	3.69	4.39	3.72	4.28	3.34
17	---	5.49	4.95	4.35	10.24	7.59	5.87	3.65	4.20	3.67	4.05	---
18	---	5.09	5.00	6.21	8.14	6.82	5.61	3.61	4.07	3.62	3.91	---
19	---	4.78	4.87	12.74	7.10	6.40	5.42	3.57	3.96	3.57	3.82	---
20	---	4.57	4.69	11.50	6.51	12.34	5.24	3.62	3.88	3.54	3.76	3.99
21	---	4.40	4.54	8.12	6.10	13.02	5.09	3.62	3.85	3.84	3.68	3.73
22	---	4.27	4.43	6.94	6.52	10.14	4.94	3.59	5.49	3.69	3.61	3.56
23	---	4.19	4.32	6.31	6.27	8.62	4.82	3.58	5.23	3.58	3.56	3.49
24	---	4.20	4.25	5.89	5.89	7.61	4.71	3.60	4.70	3.51	3.50	3.54
25	---	5.42	4.19	5.56	7.43	6.96	4.60	3.82	4.42	3.47	3.47	3.64
26	---	5.54	4.15	5.32	7.44	6.48	4.51	3.75	4.42	3.44	3.42	3.61
27	---	5.17	4.11	5.12	6.69	6.10	4.43	3.62	4.72	3.45	3.41	3.55
28	---	4.88	4.12	4.95	6.30	5.82	4.35	4.56	4.55	3.46	3.36	3.50
29	---	4.68	4.09	4.84	---	5.70	4.27	6.19	4.63	3.80	3.34	3.45
30	---	4.52	4.03	5.64	---	5.74	4.21	4.89	4.38	3.81	3.33	3.41
31	---	---	3.98	5.43	---	5.50	---	4.50	---	3.71	3.47	---
MEAN	---	---	4.24	5.35	5.93	6.95	5.41	3.96	4.86	3.92	3.77	---
MAX	---	---	5.00	12.74	10.24	13.02	7.28	6.19	7.76	5.07	6.06	---
MIN	---	---	3.85	3.80	4.34	4.85	4.21	3.57	3.85	3.44	3.33	---



STATION NUMBER 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 345351 LONGITUDE 0852747 DRAINAGE AREA 149.00 DATUM 663.80 STATE 13 COUNTY 083

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	---	---	---	---	---	---	---	---	.35	.00	.00	.48
2	---	---	---	---	---	---	---	---	.01	.01	.00	1.37
3	---	---	---	---	---	---	---	---	.07	.00	.03	.07
4	---	---	---	---	---	---	---	---	.95	1.23	.00	.00
5	---	---	---	---	---	---	---	---	.00	.52	.49	.00
6	---	---	---	---	---	---	---	---	.30	.00	.00	.00
7	---	---	---	---	---	---	---	---	.80	.00	.75	.00
8	---	---	---	---	---	---	---	---	.64	.00	.00	.00
9	---	---	---	---	---	---	---	---	.00	.13	.00	.00
10	---	---	---	---	---	---	---	---	.00	.00	.04	.00
11	---	---	---	---	---	---	---	---	.00	.00	.06	.00
12	---	---	---	---	---	---	---	---	.00	.00	1.12	.00
13	---	---	---	---	---	---	---	---	.00	.04	1.04	.00
14	---	---	---	---	---	---	---	---	.00	.00	---	.00
15	---	---	---	---	---	---	---	---	.64	.00	---	.00
16	---	---	---	---	---	---	---	---	.00	.00	---	.00
17	---	---	---	---	---	---	---	---	.00	.00	---	---
18	---	---	---	---	---	---	---	---	.00	.04	---	---
19	---	---	---	---	---	---	---	---	.00	.00	---	---
20	---	---	---	---	---	---	---	---	.00	.34	---	.01
21	---	---	---	---	---	---	---	---	1.08	.00	.00	.00
22	---	---	---	---	---	---	---	---	.18	.16	.00	.00
23	---	---	---	---	---	---	---	---	.00	.00	---	.00
24	---	---	---	---	---	---	---	---	1.14	.00	.11	.85
25	---	---	---	---	---	---	---	---	.03	.02	.00	.00
26	---	---	---	---	---	---	---	---	.00	.81	.12	.00
27	---	---	---	---	---	---	---	---	.00	.00	.00	.00
28	---	---	---	---	---	---	---	---	1.83	.26	1.46	.00
29	---	---	---	---	---	---	---	---	.02	.00	.89	.00
30	---	---	---	---	---	---	---	---	.01	.00	.00	.52
31	---	---	---	---	---	---	---	---	.21	---	1.02	---
TOTAL	---	---	---	---	---	---	---	---	6.11	5.05	---	---

Miscellaneous Ground-Water-Quality Records  
(water year)

# Surficial Aquifer 2001 Water Year

311714084275101

Site Name.—10J008

LOCATION.—Lat 31°17'15", long 84°27'50", Baker County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF SURFACE DATUM (FT. ABOVE NGVD)	PH WATER WHOLE FIELD (STANDARD UNITS)	SPECIFIC CONDUCTANCE (US/CM)	TEMPERATURE (DEG C)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, REC (UG/L)	
JAN 24...	1400	80020	1028	43.60	50.9	170	7.9	206	17.6	.350	<.04	<.11	<.10	
DATE		2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L)	3HYDRXY CARBO-FURAN WAT, FLT REC (UG/L)	ACIFL-UORFEN WATER, FLTRD GF 0.7U REC (UG/L)	ALA-CHLOR, WATER, DISS, REC (UG/L)	ALDI-CARB SULFONE WAT, FLT GF 0.7U REC (UG/L)	ALDICA-RB SULFOXIDE, WAT, FLT GF 0.7U REC (UG/L)	ALDI-CARB, WATER, FLTRD, REC (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, REC (UG/L)	BEN-FLUR-ALIN WAT FLD GF, REC (UG/L)	BENTA-ZON, WATER, FLTRD, REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	
JAN 24...		<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005	<.007	<.010	<.09	
DATE		BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	CAR-BARYL, WATER, FLTRD, REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-AMBEN, METHYL ESTER WAT, FLT GF 0.7U REC (UG/L)	CHLORO-THALO-NIL, CHLOR-PYRIFOS WAT, FLT DIS-SOLVED (UG/L)	CLOPYR-ALID, WATER, FLTRD, REC (UG/L)	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT REC (UG/L)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L)		
JAN 24...		<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	<.42	<.018	<.003	
DATE		DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DI-ELDRIN, DIS-SOLVED (UG/L)	DISUL-FOTON WATER, FLTRD, GF, REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)	DNOC WAT, FLT GF 0.7U REC (UG/L)	EPTC WATER, FLTRD, GF, REC (UG/L)	ETHAL-FLUR-ALIN WAT FLT REC (UG/L)	ETHO-PROP WATER, FLTRD, GF, REC (UG/L)
JAN 24...		<.006	<.005	<.04	<.05	<.05	<.005	<.12	<.021	<.06	<.25	<.002	<.009	<.005
DATE		FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	FONOFOS WATER DISS SOLVED (UG/L)	LINDANE DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	LIN-URON WATER, FLTRD, GF, REC (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, REC (UG/L)	MCPB, WATER, FLTRD, REC (UG/L)	METHIO-CARB, WATER, FLTRD, REC (UG/L)	METH-OMYL, WATER, FLTRD, REC (UG/L)	METHYL-AZIN-THOS WAT FLT GF, REC (UG/L)	METHYL-PARA-THION WAT FLT GF, REC (UG/L)
JAN 24...		<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07	<.02	<.050	<.006

# Surficial Aquifer 2001 Water Year

**311714084275101**

**Site Name.—10J008—continued**

DATE	METOLACHLOR WATER DISSOLV (UG/L)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	P, P' DDE DISSOLV (UG/L)	PARA-THION, DIS- (UG/L)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L)
JAN 24...	<.013	<.006	<.002	<.007	<.02	<.04	<.37	<.02	<.003	<.007	<.002	<.010	<.006
DATE	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-METON, WATER, FLTRD, DISS, REC (UG/L)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	PRO-CHLOR, WATER, FLTRD, DISS, REC (UG/L)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L)	SILVEX, DIS- SOLVED (UG/L)	SI-MAZINE, WATER, FLTRD, DISS, REC (UG/L)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L)
JAN 24...	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12	<.03	<.011	<.016	<.034
DATE	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L)	SAMPLER TYPE (CODE)	SAM-PLING CONDI-TION						
JAN 24...	<.017	<.005	<.002	<.07	<.009	4040	8.00						

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

312119084215601

Site Name.—11J021

LOCATION.—Lat 31°21'19", long 84°21'56", Baker County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)		
JUN 26...	1000	80020	1028	26.15	48.8	175	70	769	6.4	74	7.3	217	23.0	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2, 4, 5-T DIS-SOLVED (UG/L)	2, 4-D, DIS-SOLVED (UG/L)	3HYDRXY CARBO-WAT, FLT REC (UG/L)	ACIFL-UORFEN WATER, FLTRD, REC (UG/L)	ALDI-CARB SULFONE WAT, FLT REC (UG/L)	ALDICA-RB SUL-FOXIDE WAT, FLT REC (UG/L)	ALDI-CARB, WATER, FLTRD, REC (UG/L)	BENTA-ZON, WATER, FLTRD, REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, REC (UG/L)	CAR-BARYL, WATER, FLTRD, REC (UG/L)	
JUN 26...	4.12	<.04	<.11	<.10	<.11	<.05	<.20	<.13	<.21	<.04	<.09	<.07	<.02	
DATE		CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-AM BEN, METHYL ESTER WATER FLTRD (UG/L)	CHLORO-THALO-NIL, WAT, FLT GF 0.7U REC (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT GF 0.7U REC (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DIURON, WAT, FLT GF 0.7U REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON, WATER, FLTRD, GF 0.7U REC (UG/L)	
JUN 26...	<.29	<.14	<.13	<.42	<.09	<.04	<.05	<.05	<.09	<.06	<.25	<.07	.08	
DATE		LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-POKUR, WATER, FLTRD, GF 0.7U REC (UG/L)	SILVEX, DIS-SOLVED (UG/L)
JUN 26...	<.02	<.08	<.13	<.07	<.95	<.02	<.04	<.28	<.02	<.09	<.09	<.12	<.03	
DATE		TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	SAM-PLING CONDI-TION (CODE)											
JUN 26...	<.07	4040	8.00											

Remark codes used in this report:  
< -- Less than

# Surficial Aquifer 2001 Water Year

313122083110901

Site Name.—20L006

LOCATION.—Lat 31°31'22", long 83°11'09", Ben Hill County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED OXYGEN, (MG/L)	PH WATER (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)		
OCT 18...	1200	80020	1028	5.95	41	293	55	762	2.9	32	5.0	24	20.8	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U (UG/L)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L)	ACETO-CHLOR, WATER, FLTRD GF 0.7U REC (UG/L)	ACIFL-UORFEN, WATER, FLTRD, DISS, REC (UG/L)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)	
OCT 18...	.428	<.04	<.11	<.10	<.002	<.01	<.004	<.05	<.002	<.26	<.02	<.21	<.005	
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L)	BEN-FLUR-ALIN WAT FLD GF 0.7U REC (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	BRO-MACIL, WATER, FLTRD, GF 0.7U REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	BUTYL-ATE, WATER, FLTRD, GF 0.7U REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-AMBEN, METHYL ESTER WAT, FLT GF 0.7U REC (UG/L)	CHLORO-THALO-NIL, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)
OCT 18...	<.007	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.28	<.005	
DATE		CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L)	DEETHYL ATRA-ZINE, WATER, FLTRD, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-PROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DI-ELDRIN DIS-SOLVED (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DISUL-FOTON WATER, FLTRD, GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)
OCT 18...	<.42	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.05	
DATE		DNOC WAT,FLT GF 0.7U REC (UG/L)	EPTC WATER FLTRD GF 0.7U REC (UG/L)	ETHAL-ALIN WAT FLT GF 0.7U REC (UG/L)	ETHO-PROP WATER, FLTRD, GF 0.7U REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	FONO-FOS WATER, DISS REC (UG/L)	LINDANE DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	LIN-URON WATER, FLTRD, GF 0.7U REC (UG/L)	MALA-THON, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)
OCT 18...	<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	
DATE		METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHYL-AZIN-PHOS WAT FLT GF 0.7U REC (UG/L)	METHYL-PARA-THON WAT FLT GF 0.7U REC (UG/L)	METO-LACHLOR WATER, DISSOLV (UG/L)	METRI-BUZIN WATER, DISSOLV (UG/L)	MOL-INATE WATER, FLTRD GF 0.7U REC (UG/L)	NAPROP-AMIDE WATER, FLTRD GF 0.7U REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	P,P' DDE DISSOLV (UG/L)
OCT 18...	<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	

# Surficial Aquifer 2001 Water Year

**313122083110901**

**Site Name.—20L006—continued**

DATE	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U (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 (UG/L) (82676)	PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
OCT 18...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12

DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD 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)	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- CLOPYR, WATER, FLTRD GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER CONDIT- TION (CODE) (84164)	(72006)
OCT 18...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00

Remark codes used in this report:

< -- Less than

# Surficial Aquifer 2001 Water Year

**313415084475201**

**Site Name.—07L021**

**LOCATION.—**Lat 31°34'15", long 84°47'52", Calhoun County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA - LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL - LECTING SAMPLE (CODE NUMBER) (00027)	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 OXYGEN, (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	
JUN 26...	1400	80020	1028	7.20	38.6	344	71	765	5.5	62	6.4	44	21.1
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	SAM- PLING CONDI- TION (CODE) (84164) (72006)										
JUN 26...	.102	4040	8.00										

Remark codes used in this report:  
< -- Less than



# Surficial Aquifer 2001 Water Year

312908084151901

Site Name.—11K045

LOCATION.—Lat 31°29'08", long 84°15'19", Dougherty County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH BELOW LAND SURFACE 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 OF (MM HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)		
NOV	01...			31.27	35.6	185	17	764	7.5	84	7.2	228	21.0	
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI- ETHYL ANILINE WAT FLT 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)	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- RE 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	01...			<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.18	<.21	<.005	
DATE		ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAR- BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR- BARYL WATER FLTRD GF, REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO- FURAN WATER FLTRD GF, REC (UG/L) (82674)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	
NOV	01...			<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	
DATE		CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	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)	DISUL- FOTON WATER FLTRD GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	
NOV	01...			<.005	<.07	E.04	<.003	<.004	<.02	<.035	<.027	<.08	<.13	
DATE		DNOC WAT, FLT GF 0.7U REC (UG/L) (49299)	EPTC WATER FLTRD GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN- URON WATER FLTRD GF, REC (UG/L) (82666)	MALA- THON, 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)
NOV	01...			<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	
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 GF, REC (UG/L) (82686)	METHYL PARA- THON WAT FLT GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P' DDE DISSOLV (UG/L) (34653)

**Surficial Aquifer  
2001 Water Year**

**312908084151901**

**Site Name.—11K045—continued**

DATE	PARATHION, DIS-SOLVED (UG/L)	PEBULATE WATER FILTRD 0.7 U (UG/L)	PENDIMETHALIN WAT FLT 0.7 U (UG/L)	PERMETHRIN WAT FLT 0.7 U (UG/L)	PHORATE WATER FLTRD 0.7 U (UG/L)	PICLORAM, WATER, FLTRD, GF 0.7U (UG/L)	PROMETON, WATER, DISS, REC (UG/L)	PRONAMIDE WATER, FLTRD 0.7 U (UG/L)	PROPACHLOR, WATER, DISS, REC (UG/L)	PROPANIL WATER, FLTRD 0.7 U (UG/L)	PRO-PARGITE WATER, FLTRD 0.7 U (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U (UG/L)
NOV 01...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.19	<.12
DATE	SILVEX, DIS-SOLVED (UG/L)	SI-MAZINE, WATER, DISS, REC (UG/L)	TEBUTHIURON WATER FLTRD 0.7 U (UG/L)	TER-BACIL WATER FLTRD 0.7 U (UG/L)	TER-BUFOS WATER FLTRD 0.7 U (UG/L)	THIO-BENCARB WATER FLTRD 0.7 U (UG/L)	TRIAL-LATE WATER FLTRD 0.7 U (UG/L)	TRICLOPYR, WATER, FLTRD, GF 0.7U (UG/L)	TRIFLURALIN WATER, ALIN (UG/L)	SAMPLER TYPE (CODE)	SAMPLING CONDITION (72006)		
NOV 01...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Upper Floridan Aquifer 2001 Water Year

313440084181403

Site Name.—11L117

LOCATION.—Lat 31°34'40", long 84°18'14", Dougherty County

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING (CODE NUMBER)	DEPTH BELOW LAND SURFACE (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF SURFACE DATUM (FEET)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE OF (MM HG)	OXYGEN, DIS-SOLVED (MG/L)	PH DIS-SOLVED (PER-CENT SATUR-ATION)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE (DEG C)		
NOV 02...	1700	80020	1028	26.60	64	209.87	92	764	5.1	57	7.4	296	20.6	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	2,6-DI-ETHYL ANILINE WAT FLT (UG/L)	3HYDRXY CARBO-FURAN WAT, FLT (UG/L)	ACETO-CHLOR, WATER, FLTRD REC (UG/L)	ACIFL-UORFEN, WATER, FLTRD, GF 0.7U REC (UG/L)	ALA-CHLOR, WATER, FLTRD, GF 0.7U REC (UG/L)	ALDI-CARB SULFONE WAT, FLT (UG/L)	ALDICA-RE SUL-FOXIDE, WAT, FLT (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)
NOV 02...	1.73	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005	
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L)	BEN-FLUR-ALIN WAT FLD (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	BUTYL-ATE, WATER, DISS, REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-AMBEN, METHYL ESTER, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLORO-THALO-NIL, WAT, FLT (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)
NOV 02...	E.006	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	
DATE		CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT (UG/L)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-PROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DI-BLDRIN, DIS-SOLVED (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DISUL-FOTON, WATER, FLTRD, GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)
NOV 02...	<.42	<.018	<.07	<.003	E.015	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	
DATE		DNOC WAT, FLT (UG/L)	EPTC WATER FLTRD (UG/L)	ETHAL-FLUR-ALIN WAT FLT (UG/L)	ETHO-PROP WATER, FLTRD, GF 0.7U REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	FONOFOS WATER, DISS (UG/L)	LINDANE DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	LIN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)
NOV 02...	<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	
DATE		METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHYL-AZIN-PHOS WAT FLT (UG/L)	METHYL-PARA-THION WAT FLT (UG/L)	METO-LACHLOR WATER DISSOLV (UG/L)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L)	MOL-INATE WATER, FLTRD, GF 0.7U REC (UG/L)	NAPROP-AMIDE WATER, FLTRD, GF 0.7U REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	P,P' DDE DISSOLV (UG/L)
NOV 02...	<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	

**Upper Floridan Aquifer  
2001 Water Year**

**313440084181403**

**Site Name.—11L117--continued**

DATE	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FILTRD 0.7 U (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U (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 (UG/L) (82676)	PRO- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
NOV 02...	<.007	<.002	<.010	<.006	<.011	<.09	E.003	<.004	<.010	<.011	<.023	<.09	<.12

DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82661)	SAMPLER CONDIT- TION (CODE) (84164)	(72006)
NOV 02...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00

Remark codes used in this report:

- < -- Less than
- E -- Estimated value

# Surficial Aquifer 2001 Water Year

313841083155401

Site Name.—19M004

LOCATION.—Lat 31°38'41", long 83°15'54", Irwin County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM HG)	OXYGEN, DIS-SOLVED (MG/L)	PH WATER WHOLE FIELD (STAND-ARDS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)		
OCT 18...	0900	80020	1028	16.94	37	342	33	761	7.8	90	4.4	80	22.1	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	2,6-DI-ETHYL ANILINE WAT FLT (UG/L)	3HYDRXY CARBO-WAT, FLT (UG/L)	ACETO-CHLOR, WATER FLTRD REC (UG/L)	ACIFL-UORFEN, WATER, FLTRD, GF 0.7U REC (UG/L)	ALDI-CARB SULFONE WAT, FLT REC (UG/L)	ALDICA-RB SUL-FOXIDE, WAT, FLT REC (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)	
OCT 18...	--	<.04	<.11	<.10	<.002	<.12	<.004	<.05	<.002	<.26	<.02	<.21	<.005	
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L)	BEN-FLUR-ALIN WAT FLD (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	BRO-MOXYNIL WATER, WAT, DISS, REC (UG/L)	BUTYL-ATE, WATER, DISS, REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-AMBEN, METHYL ESTER, WAT, FLTRD, GF 0.7U REC (UG/L)	CHLORO-THALO-NIL, WAT, FLT PYRIFOS DIS-SOLVED (UG/L)	
OCT 18...		<.007	<.010	<.04	<.12	<.07	<.002	<.02	<.041	<.29	<.14	<.28	<.005	
DATE		CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT (UG/L)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DI-ELDRIN DIS-SOLVED (UG/L)	DINOSEB FLTRD, GF 0.7U REC (UG/L)	DISUL-FOTON WATER, FLTRD, GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)
OCT 18...		<.42	<.018	<.17	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.05
DATE		DNOC WAT, FLT (UG/L)	EPTC WATER, FLTRD, GF 0.7U REC (UG/L)	ETHAL-ALIN WAT FLT (UG/L)	ETHO-PROP WATER, FLTRD, GF 0.7U REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	FONOFOS WATER, DISS, REC (UG/L)	LINDANE DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	LIN-URON WATER, FLTRD, GF 0.7U REC (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)
OCT 18...		<.25	<.002	<.009	<.005	<.15	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13
DATE		METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHYL AZIN- PHOS WAT FLT (UG/L)	METHYL PARA- THION WAT FLT (UG/L)	METO-LACHLOR WATER (UG/L)	METRI-BUZIN SENCOR WATER (UG/L)	MOL-INATE WATER, FLTRD, GF 0.7U REC (UG/L)	NAPPROP-AMIDE WATER, FLTRD, GF 0.7U REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	P, P' DDE DISSOLV (UG/L)
OCT 18...		<.07	<.79	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003

# Surficial Aquifer 2001 Water Year

**313841083155401**

**Site Name.—19M004—continued**

DATE	PARATHION, DIS-SOLVED (UG/L)	PEB-ULATE WATER FILTRD 0.7 U (UG/L)	PENDI-METH-ALIN WAT FLT 0.7 U (UG/L)	PER-METHRIN CIS WAT FLT 0.7 U (UG/L)	PHORATE WATER FLTRD 0.7 U (UG/L)	PIC-LORAM, WATER, GF 0.7U (UG/L)	PRO-METON, WATER, DISS, REC (UG/L)	PRON-AMIDE FLTRD 0.7 U (UG/L)	PROPA-CHLOR, WATER, DISS, REC (UG/L)	PRO-PANIL FLTRD 0.7 U (UG/L)	PRO-PARGITE WATER FLTRD 0.7 U (UG/L)	PRO-PHAM, WATER, GF 0.7U (UG/L)	PRO-POXUR, WATER, FLTRD, REC (UG/L)
OCT 18...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.40
DATE	SILVEX, DIS-SOLVED (UG/L)	SI-MAZINE, WATER, REC (UG/L)	TEBU-THIURON WATER FLTRD 0.7 U (UG/L)	TER-BACIL WATER FLTRD 0.7 U (UG/L)	TER-BUFOS WATER FLTRD 0.7 U (UG/L)	THIO-BENCARB WATER FLTRD 0.7 U (UG/L)	TRIAL-LATE WATER FLTRD 0.7 U (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U (UG/L)	TRI-ALIN WAT FLT 0.7 U (UG/L)	SAM-PLING CONDI-TION (CODE)			
OCT 18...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:

< -- Less than

# Surficial Aquifer 2001 Water Year

314040084110201

Site Name.—12M034

LOCATION.—Lat 31°40'10", long 84°11'02", Lee County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE OF (MM HG)	OXYGEN, DIS-SOLVED (MG/L)	PH (PER-CENT SATUR-ATION)	WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	
JUN 27...	1900	80020	1028	19.20	43.7	208	48	765	6.5	74	6.7	377	22.1	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	3HYDRXY CARBO-FURAN WAT,FLT REC (UG/L)	ACIFL-UORFEN WATER, FLTRD, REC (UG/L)	ALDI-CARB SULFONE WAT,FLT REC (UG/L)	ALDICA-RB SUL-FOXIDE, WAT,FLT REC (UG/L)	ALDI-CARB, WATER, FLTRD, REC (UG/L)	BENTA-ZON, WATER, FLTRD, DISS, REC (UG/L)	BRO-MACIL, WATER, REC (UG/L)	BRO-MOXYNIL, WATER, FLTRD, REC (UG/L)	CAR-BARYL, WATER, FLTRD, REC (UG/L)	
JUN 27...	.361	<.04	<.11	<.10	<.11	<.05	<.20	<.02	<.21	<.04	<.09	<.07	<.02	
DATE		CARBO-FURAN, WATER, FLTRD, REC (UG/L)	CHLOR-AMBEN, METHYL ESTER WATER FLTRD (UG/L)	CHLORO-THALO-NIL, WAT,FLT REC (UG/L)	CLOPYR-ALID, WATER, FLTRD, REC (UG/L)	DACTHAL MONO-ACID, WAT,FLT REC (UG/L)	DICAMBA WATER, FLTRD, REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, REC (UG/L)	DICHLOR PROP, WATER, FLTRD, REC (UG/L)	DINOSEB WATER, FLTRD, REC (UG/L)	DIURON, WATER, WAT,FLT REC (UG/L)	DNOC, WAT,FLT REC (UG/L)	FEN-URON, WATER, FLTRD, REC (UG/L)	FLUO-METURON, WATER, FLTRD, REC (UG/L)
JUN 27...	<.29	<.14	<.13	<.42	<.07	<.04	<.05	<.05	<.09	<.06	<.25	<.07	<.06	
DATE		LINURON WATER, FLTRD, REC (UG/L)	MCPA, WATER, FLTRD, REC (UG/L)	MCPB, WATER, FLTRD, REC (UG/L)	METHIO-CARB, WATER, FLTRD, REC (UG/L)	METH-OMYL, WATER, FLTRD, REC (UG/L)	NEB-URON, WATER, FLTRD, REC (UG/L)	NORFLUR AZON, WATER, FLTRD, REC (UG/L)	ORY-ZALIN, WATER, FLTRD, REC (UG/L)	OXAMYL, WATER, FLTRD, REC (UG/L)	PIC-LORAM, WATER, FLTRD, REC (UG/L)	PRO-PHAM, WATER, FLTRD, REC (UG/L)	PRO-POXUR, WATER, FLTRD, REC (UG/L)	SILVEX, DIS-SOLVED (UG/L)
JUN 27...	<.02	<.08	<.13	<.07	<.09	<.02	<.04	<.28	<.10	<.09	<.09	<.12	<.03	
DATE		TRI-CLOPYR, WATER, FLTRD, REC (UG/L)	SAM-PLING CONDI-TION (CODE)											
JUN 27...	<.07	4040	8.00											

Remark codes used in this report:  
< -- Less than

# Surficial Aquifer 2001 Water Year

311113084523301

Site Name.06H015

LOCATION.—Lat31°11'13", long 84°52'33", Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, (PER - CENT SATUR-ATION)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	
JUN 27...	1600	80020	1028	9.10	39.2	200	50	768	6.9	80	4.8	53	22.8	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	3HYDRXY CARBO-FURAN WAT,FLT REC (UG/L)	ACIFL-UORPEN WATER, FLTRD, GF 0.7U REC (UG/L)	ALDI-CARB SULFONE WAT,FLT REC (UG/L)	ALDICA-RB SUL-FOXIDE, WAT,FLT REC (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	BRO-MOXYNIL, WATER, FLTRD, GF 0.7U REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	
JUN 27...	3.82	<.04	<.11	<.10	<.11	<.05	<.20	<.02	<.21	<.04	<.09	<.07	<.02	
DATE		CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-AMBEN, METHYL ESTER WATER, FLTRD, GF 0.7U REC (UG/L)	CHLORO-THALO-NIL, WAT,FLT REC (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONO-ACID, WAT,FLT REC (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOR WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DIURON, WATER, DNOC WAT,FLT REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON, WATER, FLTRD, GF 0.7U REC (UG/L)	
JUN 27...	<.29	<.14	<.13	<.42	<.07	<.04	<.05	<.05	<.09	<.06	<.25	<.07	<.06	
DATE		LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L)	SILVEX, DIS-SOLVED (UG/L)
JUN 27...	<.02	<.08	<.13	<.07	<.09	<.02	<.04	<.28	<.05	<.09	<.09	<.12	<.03	
DATE		TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	SAMPLER TYPE (CODE)	SAM-PLING CONDI-TION										
JUN 27...	<.07	4040	8.00											

Remark codes used in this report:  
< -- Less than



# Surficial Aquifer 2001 Water Year

311412084540101

Site Name.—06H016

LOCATION.—Lat 31°14'12", long 84°54'01", Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (PT. ABOVE NGVD)	PH OXYGEN, SOLVED (MG/L)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-WATER (DEG C)	NITRO-GEN, NO2+NO3 (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, REC (UG/L)	
JAN 26...	1100	80020	1028	38.3	210	6.2	5.8	45	18.7	1.60	<.04	<.11	<.10	
DATE		2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L)	3HYDRXY CARBO-FURAN WAT,FLT (UG/L)	ACETO-CHLOR, WATER FLTRD (UG/L)	ACIFL-UORFEN WATER, FLTRD (UG/L)	ALA-CHLOR, WATER, DISS, REC (UG/L)	ALDI-CARB SULFONE WAT,FLT (UG/L)	ALDICA-RB SUL-FOXIDE, WAT,FLT (UG/L)	ALDI-CARB, WATER, FLTRD (UG/L)	ALPHA-BHC DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, DISS, REC (UG/L)	BEN-FLUR-ALIN WAT FLD (UG/L)	BENTA-ZON, WATER, FLTRD, REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)
JAN 26...		<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005	<.007	<.010	<.09	
DATE		BRO-MOXYNIL WATER, FLTRD, GF 0.7 U REC (UG/L)	BUTYL-ATE, WATER, DISS, REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7 U REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7 U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7 U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7 U REC (UG/L)	CHLOR-AMBEN, METHYL ESTER WATER, FLTRD (UG/L)	CHLORO-THALO-NIL, WAT,FLT (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7 U REC (UG/L)	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT,FLT (UG/L)	DCPA WATER, FLTRD, GF 0.7 U REC (UG/L)
JAN 26...		<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	<.42	<.018	<.07	<.003
DATE		DEETHYL-ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7 U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7 U REC (UG/L)	DICHLOR PROP, WATER, FLTRD, GF 0.7 U REC (UG/L)	DI-ELDRIN DIS-SOLVED (UG/L)	DINOSEB WATER, FLTRD, GF 0.7 U REC (UG/L)	DISUL-FOTON WATER, FLTRD, GF, REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7 U REC (UG/L)	DNOC WAT,FLT (UG/L)	EPTC WATER, FLTRD, GF, REC (UG/L)	ETHAL-FLUR-ALIN WAT FLT (UG/L)	ETHO-PROP WATER, FLTRD, GF, REC (UG/L)
JAN 26...		<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	<.25	<.002	<.009	<.005
DATE		FEN-URON, WATER, FLTRD, GF 0.7 U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7 U REC (UG/L)	FONOFOS WATER, DISS, REC (UG/L)	LINDANE DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, GF 0.7 U REC (UG/L)	LIN-URON WATER, FLTRD, GF 0.7 U REC (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, GF 0.7 U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7 U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7 U REC (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7 U REC (UG/L)	METHYL-AZIN-PHOS WAT FLT (UG/L)	METHYL-PARA-THION WAT FLT (UG/L)
JAN 26...		<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07	<.02	<.050	<.006
DATE		METO-LACHLOR WATER DISSOLV (UG/L)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L)	MOL-INATE WATER FLTRD, GF, REC (UG/L)	NAPROP-AMIDE WATER, FLTRD, GF, REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7 U REC (UG/L)	NORFLUR AZON, WATER, FLTRD, GF 0.7 U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7 U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7 U REC (UG/L)	P,P'DDE DISSOLV (UG/L)	PARA-THION, DIS-SOLVED (UG/L)	PEB-ULATE WATER, FLTRD, GF, REC (UG/L)	PENDI-METH-ALIN WAT FLT (UG/L)	PER-METHRIN CIS WAT FLT (UG/L)
JAN 26...		<.013	<.006	<.002	<.007	<.02	<.14	<.42	<.02	<.003	<.007	<.002	<.010	<.006

# Surficial Aquifer 2001 Water Year

**311412084540101**

**Site Name.—06H016—continued**

DATE	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, FLTRD, 0.7U GF, 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, 0.7U GF, REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, 0.7U GF, REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)	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)
JAN 26...	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12	<.03	<.011	<.016	<.034
DATE	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 - CLOPYR, WATER, FLTRD, 0.7U GF, REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)						
JAN 26...	<.017	<.005	<.002	<.07	<.009	4040	8.00						

Remark codes used in this report:

- < -- Less than
- E -- Estimated value

# Surficial Aquifer 2001 Water Year

311009084495503

Site Name.—07H003

LOCATION.—Lat 31°10'09", long 84°49'55", Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	DEPTH BELOW LAND SURFACE (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE (FT. ABOVE NGVD) (72000)	BARO-METRIC PRES-SURE OF (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00300)	PH WATER FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	
JAN 24...	1700	80020	1028	7.38	40.0	167.	770	5.3	58	5.1	19	19.9	.120
DATE	2,4,5-T DIS-SOLVED (UG/L) (39742)	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 WATER, FLTRD, GF 0.7U REC (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	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 REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT 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)
JAN 24...	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005	<.007
DATE	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CHLOR-AMBN, METHYL ESTER, WATER, FLTRD, GF 0.7U REC (UG/L) (61188)	CHLORO-THALO-NIL, WAT,FLT REC (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)
JAN 24...	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	<.42
DATE	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	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)	DISUL-FOTON WATER, FLTRD, GF 0.7U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DNOC WAT, FLT GF 0.7U REC (UG/L) (49299)
JAN 24...	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	<.25
DATE	EPTC WATER, FLTRD, GF 0.7U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER, FLTRD, GF 0.7U REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER, DISS (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER, FLTRD, GF 0.7U 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)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
JAN 24...	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07
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)	MOL-INATE WATER, FLTRD, GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER, FLTRD, GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P'DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)
JAN 24...	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.32	<.02	<.003	<.007

# Surficial Aquifer 2001 Water Year

**311009084495503**

**Site Name.—07H003—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 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)
JAN 24...	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12	<.03
DATE	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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)			
JAN 24...	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00			

Remark codes used in this report:

< -- Less than

# Surficial Aquifer 2001 Water Year

311015084511901

Site Name.—07H021

LOCATION.—Lat 31°10'15", long 84°51'19", Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM ABOVE NGVD	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)		
NOV	01...			41.29	65.0	180	73	767	5.8	68	5.7	46	23.3	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U (UG/L)	2,6-DI-ETHYL ANILINE WAT FLT (UG/L)	3HYDRXY CARBO-FURAN WAT, FLT (UG/L)	ACETO-CHLOR, WATER, FLTRD REC (UG/L)	ACIFL-UORFEN, WATER, FLTRD, GF 0.7U REC (UG/L)	ALA-CHLOR, WATER, DISS, REC (UG/L)	ALDI-CARB SULFONE WAT, FLT (UG/L)	ALDICA-RE SUL-FOXIDE, WAT, FLT (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)	
NOV	01...	(00631)	(39742)	(38746)	(82660)	(49308)	(49260)	(49315)	(46342)	(49313)	(49314)	(49312)	(34253)	
NOV	01...	.076	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L)	BEN-FLUR-ALIN WAT FLD GF, REC (UG/L)	BENTA-ZON, WATER, FLTRD, REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	BUTYL-ATE, WATER, FLTRD, REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF, REC (UG/L)	CAR-BARYL, WATER, FLTRD, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF, REC (UG/L)	CHLOR-AMBEN, METHYL ESTER, FLTRD, REC (UG/L)	CHLORO-THALO-NIL, WAT, FLT REC (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)
NOV	01...	(39632)	(82673)	(38711)	(04029)	(49311)	(04028)	(49310)	(82680)	(49309)	(82674)	(61188)	(49306)	(38933)
NOV	01...	<.007	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005
DATE		CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT REC (UG/L)	DCPA WATER, FLTRD, GF, REC (UG/L)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, REC (UG/L)	DICHLOR, WATER, FLTRD, REC (UG/L)	DI-ELDRIN, DIS-SOLVED (UG/L)	DINOSEB, WAT, FLT REC (UG/L)	DISUL-FOTON, WATER, FLTRD, GF, REC (UG/L)	DIURON, WATER, FLTRD, REC (UG/L)
NOV	01...	(49305)	(04041)	(49304)	(82682)	(04040)	(39572)	(38442)	(49303)	(49302)	(39381)	(49301)	(82677)	(49300)
NOV	01...	<.42	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06
DATE		DNOC WAT, FLT GF 0.7U REC (UG/L)	EPTC WATER FLTRD GF, REC (UG/L)	ETHAL-FLUR-ALIN WAT, FLT GF, REC (UG/L)	ETHO-PROP WATER, FLTRD, GF, REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	FONOFOS WATER, DISS, REC (UG/L)	LINDANE DIS-SOLVED (UG/L)	LINURON, WATER, FLTRD, GF 0.7U REC (UG/L)	LIN-URON, WATER, FLTRD, GF, REC (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WAT, FLT REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)
NOV	01...	(49299)	(82668)	(82663)	(82672)	(49297)	(38811)	(04095)	(39341)	(38478)	(82666)	(39532)	(38482)	(38487)
NOV	01...	<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13

# Surficial Aquifer 2001 Water Year

**311015084511901**

**Site Name.—07H021 -continued**

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 (UG/L) (82686)	METHYL-PARA-THION, WAT FLT 0.7 U (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P'-DDE DISSOLV (UG/L) (34653)
NOV 01...	<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.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 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, FLTRD, DISS, REC (UG/L) (04024)	PRO-PANIL, WATER, FLTRD, GF, REC (UG/L) (82679)	PRO-PARGITE WATER, FLTRD, GF, REC (UG/L) (82685)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
NOV 01...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12
DATE	SILVEX, DIS-SOLVED (UG/L) (39762)	SI-MAZINE, WATER, FLTRD, DISS, REC (UG/L) (04035)	TEBU-THIURON, WATER, FLTRD, GF, REC (UG/L) (82670)	TER-BACIL, WATER, FLTRD, GF, REC (UG/L) (82665)	TER-BUFOS, WATER, FLTRD, GF, REC (UG/L) (82675)	THIO-BENCARB, WATER, FLTRD, GF, REC (UG/L) (82681)	TRIAL-LATE, WATER, FLTRD, GF, REC (UG/L) (82678)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI-FLUR-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)		
NOV 01...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

**310813084482901**

**Site Name.—07H022**

**LOCATION.—**Lat 31°08'13", long 84°48'29", Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM HG)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)		
OCT 31...	1500	80020	1028	39.13	57.4	161	26	769	4.4	49	7.4	244	21.4	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, WATER, FLTRD, REC (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U (UG/L)	2,6-DI-ETHYL ANILINE WAT FLT (UG/L)	3HYDRXY CARBO-FURAN WAT, FLT (UG/L)	ACETO-CHLOR, WATER, FLTRD, REC (UG/L)	ACIFL-UORFEN, WATER, FLTRD, GF 0.7U (UG/L)	ALDI-CARB SULFONE WAT, FLT (UG/L)	ALDICA-RE SUL-FOXIDE, WAT, FLT (UG/L)	ALDI-CARB, WATER, FLTRD, REC (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)	
OCT 31...	3.13	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.18	<.21	<.005	
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L)	BEN-FLUR-ALIN WAT FLD (UG/L)	BENTA-ZON, WATER, FLTRD, REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U (UG/L)	BUTYL-ATE, WATER, DISS, REC (UG/L)	CAR-BARYL, WATER, FLTRD, REC (UG/L)	CAR-BARYL, WATER, FLTRD, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, REC (UG/L)	CHLOR-AMBEN, METHYL ESTER, WATER, FLTRD, REC (UG/L)	CHLORO-THALO-NIL, WAT, FLT (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)
OCT 31...	E.003	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	
DATE		CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT (UG/L)	DCPA WATER, FLTRD, GF 0.7U (UG/L)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, REC (UG/L)	DICHLOR BENIL, WATER, FLTRD, REC (UG/L)	DICHLOR PROP, WATER, FLTRD, REC (UG/L)	DI-ELDRIN, DIS-SOLVED (UG/L)	DINOSEB WATER, FLTRD, REC (UG/L)	DISUL-FOTON WATER, FLTRD, GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, REC (UG/L)
OCT 31...	<.42	<.018	<.07	<.003	E.005	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	
DATE		DNOC WAT, FLT (UG/L)	EPTC WATER FLTRD (UG/L)	ETHAL-ALIN WAT FLT (UG/L)	ETHO-PROP WATER, FLTRD, GF 0.7U (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U (UG/L)	FONOFOS WATER, DISS (UG/L)	LINDANE DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, REC (UG/L)	LIN-URON WATER, FLTRD, GF 0.7U (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)
OCT 31...	<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	
DATE		METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7U (UG/L)	METHYL-AZIN-PHOS WAT FLT (UG/L)	METHYL-PARA-THION WAT FLT (UG/L)	METO-LACHLOR WATER (UG/L)	METRI-BUZIN SENCOR WATER (UG/L)	MOL-INATE WATER, FLTRD, GF 0.7U (UG/L)	NAPROP-AMIDE WATER, FLTRD, REC (UG/L)	NEB-URON, WATER, FLTRD, REC (UG/L)	NORFLUR-AZON, WATER, FLTRD, REC (UG/L)	ORY-ZALIN, WATER, FLTRD, REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	P,P'DDE DISSOLV (UG/L)
OCT 31...	<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	

# Surficial Aquifer 2001 Water Year

**310813084482901**

**Site Name.—07H022—continued**

DATE	PARA-THION, DIS-SOLVED (UG/L)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-METON, WATER, FLTRD, DISS, REC (UG/L)	PRON-AMIDE WATER, FLTRD, DISS, REC (UG/L)	PRO-CHLOR, WATER, FLTRD, DISS, REC (UG/L)	PRO-PANIL WATER, FLTRD, GF, REC (UG/L)	PRO-PARGITE WATER, FLTRD, GF, REC (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L)
OCT 31...	<.007	<.002	<.010	<.006	<.011	<.09	E.002	<.004	<.010	<.011	<.023	<.09	<.12
DATE	SILVEX, DIS-SOLVED (UG/L)	SI-MAZINE, WATER, FLTRD, DISS, REC (UG/L)	TEBU-THIURON WATER, FLTRD, GF, REC (UG/L)	TER-BACIL WATER, FLTRD, GF, REC (UG/L)	TER-BUFOS WATER, FLTRD, GF, REC (UG/L)	THIO-BENCARB WATER, FLTRD, GF, REC (UG/L)	TRIAL-LATE WATER, FLTRD, GF, REC (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L)	SAM-PLING CONDITON			
OCT 31...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:

- < -- Less than
- E -- Estimated value



# Surficial Aquifer 2001 Water Year

311442084480001

Site Name.—07H023

LOCATION.—Lat 31°14'42", long 84°48'00", Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	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 (PER - CENT SATUR- ATION) (00300) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)		
NOV	01...			35.60	70.9	179	15	769	4.4	51	5.0	17	23.1	
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	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 0.7 U GF, REC (UG/L) (49308)	ACETO- CHLOR, WATER FLTRD GF 0.7U REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI - CARB SULFONE WAT, FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RE 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	01...	.021	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005
DATE		ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, FLTRD, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, FLTRD, GF 0.7U DISS, REC (UG/L) (04028)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR - AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
NOV	01...	<.007	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005
DATE		CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	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)	DI- AZINON, DIS- SOLVED REC (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED REC (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
NOV	01...	<.42	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06
DATE		DNOC WAT, FLT GF 0.7U REC (UG/L) (49299)	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)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED REC (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 REC (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)
NOV	01...	<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13
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- THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN 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)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P' DDE DISSOLV (UG/L) (34653)
NOV	01...	<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003

# Surficial Aquifer 2001 Water Year

**311442084480001**

**Site Name.—07H023—continued**

DATE	PARATHION, DIS-SOLVED (UG/L)	PEB-ULATE WATER FILTRD 0.7 U (UG/L)	PENDI-METH-ALIN WAT FLT 0.7 U (UG/L)	PER-METHRIN CIS WAT FLT 0.7 U (UG/L)	PHORATE WATER FLTRD 0.7 U (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-METON, WATER, DISS, REC (UG/L)	PRON-AMIDE FLTRD 0.7 U (UG/L)	PROPA-CHLOR, WATER, DISS, REC (UG/L)	PRO-PANIL FLTRD 0.7 U (UG/L)	PRO-PARGITE WATER FLTRD 0.7 U (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U (UG/L)
NOV 01...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12

DATE	SILVEX, DIS-SOLVED (UG/L)	SI-MAZINE, WATER, DISS, REC (UG/L)	TEBU-THIURON WATER FLTRD 0.7 U (UG/L)	TER-BACIL WATER FLTRD 0.7 U (UG/L)	TER-BUFOS WATER FLTRD 0.7 U (UG/L)	THIO-BENCARB WATER FLTRD 0.7 U (UG/L)	TRIAL-LATE WATER FLTRD 0.7 U (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U (UG/L)	TRI-ALIN WAT FLT 0.7 U (UG/L)	SAM-PLING CONDI-TION (CODE)
NOV 01...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040 8.00

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

311327084484101

Site Name 07H024

LOCATION.—Lat 31°13'27", Long 84°48'41", Miller County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	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)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)		
OCT 31...	1600	80020	1028	40.06	69.0	190	38	764	5.1	57	7.5	215	20.7	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) (00631)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U (UG/L) (38746)	2,6-DI-ETHYL ANILINE WAT FLT (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT, FLT (UG/L) (49308)	ACETO-CHLOR, FLTRD, REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U (UG/L) (49315)	ALA-CHLOR, DISS, REC (UG/L) (46342)	ALDI-CARB SULFONE WAT, FLT (UG/L) (49313)	ALDICA-RE SUL-FOXIDE, WAT, FLT (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	
OCT 31...	1.01	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005	
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WATER, WAT FLT GF, REC (UG/L) (82673)	BENTA-ZON, WATER, FLTRD, GF 0.7U (UG/L) (38711)	BRO-MOXNIL WATER, FLTRD, GF 0.7U (UG/L) (49311)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL, WATER, FLTRD, GF 0.7U (UG/L) (49310)	CAR-BARYL WATER, FLTRD, GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U (UG/L) (49309)	CARBO-FURAN WATER, FLTRD, GF, REC (UG/L) (82674)	CHLOR-AMBEN, METHYL ESTER WATER, FLTRD (UG/L) (61188)	CHLORO-THALO-NIL, WAT, FLT REC (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	
OCT 31...	E.002	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	
DATE		CLOPYR-ALID, WATER, FLTRD, GF 0.7U (UG/L) (49305)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT, FLT REC (UG/L) (49304)	DCPA WATER, FLTRD, GF, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DICAMBA WATER, FLTRD, GF 0.7U (UG/L) (38442)	DICHLO-BENIL, WATER, FLTRD, REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, REC (UG/L) (49301)	DISUL-FOTON WATER, FLTRD, GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, REC (UG/L) (49300)	
OCT 31...	<.42	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	
DATE		DNOC WAT, FLT GF 0.7U (UG/L) (49299)	EPTC WATER, FLTRD, GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT GF, REC (UG/L) (82663)	ETHO-PROP WATER, FLTRD, GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, REC (UG/L) (49297)	FLUO-METURON WATER, FLTRD, GF 0.7U (UG/L) (38811)	FONOFOS WATER, DISS, REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER, FLTRD, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U (UG/L) (38482)	MCPB, WATER, FLTRD, REC (UG/L) (38487)	
OCT 31...	<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	
DATE		METHIO-CARB, WATER, FLTRD, GF 0.7U (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER, FLTRD, GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER, FLTRD, GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, REC (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD, REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, REC (UG/L) (38866)	P, P' DDE DISSOLV (UG/L) (34653)
OCT 31...	<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	

# Surficial Aquifer 2001 Water Year

**311327084484101**

**Site Name 07H024--continued**

DATE	PARATHION, DIS-SOLVED (UG/L)	PEB-ULATE WATER FILTRD 0.7 U (UG/L)	PENDI-METH-ALIN WAT FLT 0.7 U (UG/L)	PER-METHRIN CIS WAT FLT 0.7 U (UG/L)	PHORATE WATER FLTRD 0.7 U (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-METON, WATER, DISS, REC (UG/L)	PRON-AMIDE FLTRD 0.7 U (UG/L)	PROPA-CHLOR, WATER, DISS, REC (UG/L)	PRO-PANIL WATER FLTRD 0.7 U (UG/L)	PRO-PARGITE WATER FLTRD 0.7 U (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U (UG/L)
OCT 31...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12
DATE	SILVEX, DIS-SOLVED (UG/L)	SI-MAZINE, WATER, DISS, REC (UG/L)	TEBU-THIURON WATER FLTRD 0.7 U (UG/L)	TER-BACIL WATER FLTRD 0.7 U (UG/L)	TER-BUFOS WATER FLTRD 0.7 U (UG/L)	THIO-BENCARB WATER FLTRD 0.7 U (UG/L)	TRIAL-LATE WATER FLTRD 0.7 U (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U (UG/L)	TRI-ALIN WAT FLT 0.7 U (UG/L)	SAM-PLING CONDI-TION			
OCT 31...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

**310913084195301**

**Site Name.—11H014**

**LOCATION.—**Lat 31°09'13", long 84°19'53", Mitchell County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE AIR (DEG C)		
JUN 27...	1000	80020	1028	39.30	47.5	148	74	771	7.4	84	7.0	318	29.0	
DATE	TEMPER-ATURE WATER (DEG C)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2, 4, 5-T DIS-SOLVED (UG/L)	2, 4-D, DIS-SOLVED (UG/L)	2, 4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	3HYDRXY CARBO-FURAN, WAT, FLT REC (UG/L)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L)	ALDI-CARB SULFONE, WAT, FLT REC (UG/L)	ALDICA-RB SUL-FOXIDE, WAT, FLT REC (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	BENTA-ZON, WATER, FLTRD, DISS, REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)		
JUN 27...	22.4	2.54	<.04	<.11	<.10	<.11	<.05	<.20	<.02	<.33	<.04	<.09	<.07	
DATE	REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-AM BEN, METHYL ESTER WATER, FLTRD (UG/L)	CHLORO-THALO-NIL, WAT, FLT REC (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT REC (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOR BENIL, PROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DIURON, WATER, WAT, FLT GF 0.7U REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)		
JUN 27...	<.02	<.29	<.14	<.13	<.42	<.07	<.04	<.05	<.05	<.09	<.06	<.25	<.10	
DATE	REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L)
JUN 27...	<.06	<.02	<.08	<.13	<.07	<.08	<.02	<.04	<.28	<.02	<.09	<.09	<.15	
DATE	DIS-SOLVED (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	SAM-PLER TYPE (CODE)	SAM-PLING CONDI-TION										
JUN 27...	<.03	<.07	4040	8.00										

Remark codes used in this report:  
< -- Less than

# Surficial Aquifer 2001 Water Year

311802084192303

Site Name.—11J013

LOCATION.—Lat 31°18'02", long 84°19'23", Mitchell County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U (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)	
JAN 24...	1100	80020	1028	36.10	38.38	165.00	--	<.04	<.11	<.94	<.002	<.11	<.004	
DATE		ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, WAT,FLT DISS, REC (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WATER, 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, WAT FLD 0.7 U GF, REC (UG/L) (82673)	BEN- FLUR- ALIN WATER, WAT FLD 0.7 U GF, REC (UG/L) (38711)	BENTA- ZON, WATER, FLTRD, GF 0.7U DISS, REC (UG/L) (04029)	BRO- MACIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (04028)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	
JAN 24...		<.05	<.002	<.20	<.02	<18.4	<.005	<.007	<.010	<.04	<.09	<.07	<.002	<.02
DATE		CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD, GF 0.7U GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)
JAN 24...		<.041	<.29	<.020	<.14	<.13	<.005	<.42	<.018	<.07	<.003	<.006	<.005	<.04
DATE		DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- BLDRIN DIS- SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	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)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)
JAN 24...		<.05	<.05	<.005	<.09	<.021	<.06	<.25	<.002	<.009	<.005	<.20	<.06	<.003
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- 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)	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 WATER, FLTRD, GF 0.7U REC (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
JAN 24...		<.004	<.02	<.035	<.027	<.08	<.13	<.07	<1.11	<.050	<.006	<.013	<.006	<.002
DATE		NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	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, FLTRD, DISS, REC (UG/L) (04037)
JAN 24...		<.007	<.21	<.15	<.62	<.02	<.003	<.007	<.002	<.010	<.006	<.011	<.09	<.015

# Surficial Aquifer 2001 Water Year

**311802084192303**

**Site Name.—11J013—continued**

DATE	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (UG/L) (04024)	PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS-SOLVED (UG/L) (39762)	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)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
JAN 24...	<.004	<.010	<.011	<.023	<.09	<.12	<.03	<.011	<.016	<.034	<.017	<.005	<.002

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)	SAM-SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)
JAN 24...	<.07	<.009	4040	8.00

Remark codes used in this report:

- < -- Less than
- E -- Estimated value

# Surficial Aquifer 2001 Water Year

320459084101401

Site Name.—12Q058

LOCATION.—Lat 32°04'59", long 84°10'14", Sumter County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE AIR (DEG C)		
JUN 25...	1400	80020	1028	60.60	74.7	445	52	759	4.0	46	7.6	220	27.0	
DATE	TEMPER-ATURE WATER (DEG C)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	2, 4, 5-T DIS-SOLVED (UG/L)	2, 4-D, DIS-SOLVED (UG/L)	2, 4-DB WATER, FLTRD, GF 0.7U (UG/L)	3HYDRXY CARBO-FURAN, WAT, FLT REC (UG/L)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U (UG/L)	ALDI-CARB SULFONE, WAT, FLT REC (UG/L)	ALDICA-RB SUL-FOXIDE, WAT, FLT REC (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U (UG/L)	BENTA-ZON, WATER, FLTRD, DISS, REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U (UG/L)		
JUN 25...	21.5	.934	<.04	<.11	<.10	<.11	<.05	<.20	<.19	<.21	<.04	<.09	<.07	
DATE	REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U (UG/L)	CHLOR-AM BEN, METHYL ESTER WATER, FLTRD (UG/L)	CHLORO-THALO-NIL, WAT, FLT REC (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U (UG/L)	DACTHAL ACID, WAT, FLT REC (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U (UG/L)	DICHLOR BENIL, PROP, WATER, FLTRD, GF 0.7U (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U (UG/L)	DIURON, WATER, WAT, FLT REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U (UG/L)		
JUN 25...	<.02	<.29	<.14	<.13	<.42	<.07	<.04	<.05	<.05	<.09	<.15	<.25	<.07	
DATE	REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U (UG/L)	LINURON WATER, FLTRD, GF 0.7U (UG/L)	MCPA, WATER, FLTRD, GF 0.7U (UG/L)	MCPB, WATER, FLTRD, GF 0.7U (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U (UG/L)	METH-OMYL, WATER, FLTRD, GF 0.7U (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U (UG/L)	NORFLUR AZON, WATER, FLTRD, GF 0.7U (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U (UG/L)
JUN 25...	<.06	<.02	<.08	<.13	<.07	<.02	<.02	<.17	<.28	<.09	<.09	<.09	<.12	
DATE	DIS-SOLVED (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U (UG/L)	SAM-PLER TYPE (CODE)	SAM-PLING CONDI-TION										
JUN 25...	<.03	<.07	4040	8.00										

Remark codes used in this report:  
< -- Less than



# Surficial Aquifer 2001 Water Year

**320102084004201**

**Site Name 13Q043**

**LOCATION.**—Lat 32°01'02", long 84°00'42", Sumter County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (FEET)	DEPTH OF WELL, TOTAL (FBET)	ELEV. OF LAND SURFACE DATUM (FT. NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED SATUR-ATION (PER-CENT)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-WATER (DEG C)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
OCT 10...	1230	80020	1028	47.79	61.38	307.10	45	765	6.9	76	120	20.0	.168
DATE	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U (UG/L)	2,6-DI-ETHYL ANILINE, WAT FLT (UG/L)	3HYDRXY CARBO-FURAN, WAT, FLT (UG/L)	ACETO-CHLOR, WATER, FLTRD (UG/L)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U (UG/L)	ALA-CHLOR, WATER, REC (UG/L)	ALDI-CARB SULFONE, WAT, FLT (UG/L)	ALDICA-RB SUL-FOXIDE, WAT, FLT (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, DISS, REC (UG/L)
OCT 10...	<.04	<.11	<.10	<.002	<.01	<.004	<.05	<.002	<.26	<.02	<.66	<.005	.016
DATE	BEN-FLUR-ALIN WAT FLD 0.7 U (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U (UG/L)	BUTYL-ATE, WATER, DISS, REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U (UG/L)	CAR-BARYL WATER, FLTRD, GF 0.7U (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U (UG/L)	CARBO-FURAN WATER, FLTRD, GF 0.7U (UG/L)	CHLOR-AM BEN, METHYL ESTER, WATER, FLTRD (UG/L)	CHLORO-THALO-NIL, WAT, FLT (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U (UG/L)
OCT 10...	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.28	<.005	<.42
DATE	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT (UG/L)	DCPA WATER, FLTRD, GF 0.7U (UG/L)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U (UG/L)	DICHLO-PROP, WATER, FLTRD, GF 0.7U (UG/L)	DI-BLDRIN, DIS-SOLVED (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U (UG/L)	DISUL-FOTON WATER, FLTRD, GF 0.7U (UG/L)	DIURON, WATER, FLTRD, GF 0.7U (UG/L)	DNOC WAT, FLT (UG/L)
OCT 10...	<.018	<.07	<.003	E.020	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.05	<.25
DATE	EPTC WATER, FLTRD, GF 0.7U (UG/L)	ETHAL-FLUR-ALIN WAT FLT (UG/L)	ETHO-PROP WATER, FLTRD, GF 0.7U (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U (UG/L)	FLUO-METURON WATER, FLTRD, REC (UG/L)	FONOFOS WATER, DISS, REC (UG/L)	LINDANE DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, GF 0.7U (UG/L)	LIN-URON WATER, FLTRD, GF 0.7U (UG/L)	MALA-THON, DIS-SOLVED (UG/L)	MCPA WATER, FLTRD, GF 0.7U (UG/L)	MCPB, WATER, FLTRD, GF 0.7U (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U (UG/L)
OCT 10...	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07
DATE	METH-OMYL, WATER, FLTRD, GF 0.7U (UG/L)	METHYL AZIN-PHOS WAT FLT (UG/L)	METHYL PARA-THON WAT FLT (UG/L)	METO-LACHLOR WATER, DISSOLV (UG/L)	METRI-BUZIN WATER, DISSOLV (UG/L)	MOL-INATE WATER, FLTRD, GF 0.7U (UG/L)	NAPROP-AMIDE WATER, FLTRD, GF 0.7U (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U (UG/L)	NORFLUR AZON, WATER, FLTRD, GF 0.7U (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U (UG/L)	P, P' DDE DISSOLV (UG/L)	PARA-THON, DIS-SOLVED (UG/L)
OCT 10...	<.02	<.050	<.006	E.011	<.006	<.002	<.007	<.02	<.04	<.28	<.02	E.002	<.007

# Surficial Aquifer 2001 Water Year

**320102084004201**

**Site Name 13Q043--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 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)
OCT 10...	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.14	<.12	<.03
DATE	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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAM- PLING CONDI- TION (CODE) (84164)	(72006)			
OCT 10...	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00			

Remark codes used in this report:

- < -- Less than
- E -- Estimated value

# Surficial Aquifer 2001 Water Year

320001084032801

Site Name.—13Q051

LOCATION.—Lat 32°00'01", long 84°03'28", Sumter County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE) (00028)	AGENCY COL-LECTING SAMPLE (CODE) (00027)	DEPTH BELOW LAND SURFACE (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, (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	
NOV	02...			33.50	51.7	325	30	762	6.8	75	7.5	209	20.2	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,6-DI-ETHYL WAT FLT 0.7 U GF, REC (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT, FLT (UG/L) (49308)	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 (UG/L) (49313)	ALDICA-RE SUL-WAT, FLT (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	
NOV	02...	1.45	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL-ATE, WATER, FLTRD, REC (UG/L) (04028)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER, FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-AMBEN, WATER, METHYL ESTER, FLTRD (UG/L) (61188)	CHLORO-THALO-NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	
NOV	02...	<.007	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005
DATE		CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	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)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	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)	DISUL-FOTON WATER, FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, REC (UG/L) (49300)
NOV	02...	<.42	.228	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06
DATE		DNOC WAT, FLT GF 0.7U REC (UG/L) (49299)	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)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, 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, REC (UG/L) (38482)	MCPB, WATER, FLTRD, REC (UG/L) (38487)
NOV	02...	<.25	<.002	<.009	<.005	<.07	.72	<.003	<.004	<.02	<.035	<.027	<.08	<.13

**Surficial Aquifer  
2001 Water Year**

**320001084032801**

**Site Name.—13Q051—continued**

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-THON, 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)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P'-DDE, DISSOLV (UG/L) (34653)
NOV 02...	<.07	<.02	<.050	<.006	.038	<.006	<.002	<.007	<.02	.22	<.28	<.02	<.003
DATE	PARA-THON, 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, 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, FLTRD, DISS, 0.7 U REC (UG/L) (04037)	PRON-AMIDE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-CHLOR, WATER, FLTRD, DISS, 0.7 U 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)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
NOV 02...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

**320134084003602**

**Site Name.—13Q056**

**LOCATION.—Lat 32°01'34", long 84°00'36", Sumter County.**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	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 OXYGEN, (PER - CENT SATUR- ATION) (00300) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)		
NOV 02...	1100	80020	1028	31.40	35.5	280.44	23	764	8.2	91	6.2	126	20.3	
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	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 GF, REC (UG/L) (82660)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	ACETO- CHLOR, WATER, FLTRD GF 0.7U 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 02...	1.50	<.04	<.11	<.10	<.002	<.11	<.004	<.09	<.008	<.10	<.22	<.21	<.005	
DATE		ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR- BARYL WATER, FLTRD GF, REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	
NOV 02...	<.007	<.010	<.04	<.06	<.04	<.002	<.07	<.041	<.29	<.020	<.14	<.13	<.005	
DATE		CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD GF 0.7U REC (UG/L) (82682)	DBETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	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)	DISUL- FOTON WATER, FLTRD GF 0.7U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
NOV 02...	<.42	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.09	<.035	<.027	<.17	<.13	
DATE		DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	EPTC WATER FLTRD GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT GF, REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD GF 0.7U REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN- URON WATER FLTRD 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)
NOV 02...	<.03	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.07	<.04	<.31	<.02	<.003	
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 GF, REC (UG/L) (82686)	METHYL PARA- THION WAT FLT GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P' DDE DISSOLV (UG/L) (34653)

# Surficial Aquifer 2001 Water Year

**320134084003602**

**Site Name.—13Q056—continued**

DATE	PARATHION, DIS-SOLVED (UG/L)	PEB-ULATE WATER FILTRD 0.7 U (UG/L)	PENDI-METH-ALIN WAT FLT 0.7 U (UG/L)	PER-METHRIN CIS WAT FLT 0.7 U (UG/L)	PHORATE WATER FLTRD 0.7 U (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-METON, WATER, DISS, REC (UG/L)	PRON-AMIDE FLTRD 0.7 U (UG/L)	PROPA-CHLOR, WATER, DISS, REC (UG/L)	PRO-PANIL FLTRD 0.7 U (UG/L)	PRO-PARGITE WATER FLTRD 0.7 U (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U (UG/L)
NOV 02...	<.007	<.002	<.010	<.006	<.011	<.05	<.015	<.004	<.010	<.011	<.023	<.04	<.08

DATE	SILVEX, DIS-SOLVED (UG/L)	SI-MAZINE, WATER, DISS, REC (UG/L)	TEBU-THIURON WATER FLTRD 0.7 U (UG/L)	TER-BACIL WATER FLTRD 0.7 U (UG/L)	TER-BUFOS WATER FLTRD 0.7 U (UG/L)	THIO-BENCARB WATER FLTRD 0.7 U (UG/L)	TRIAL-LATE WATER FLTRD 0.7 U (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U (UG/L)	TRI-ALIN WAT FLT 0.7 U (UG/L)	SAM-PLING CONDI-TION	
NOV 02...	<.06	<.011	<.016	<.034	<.017	<.005	<.002	<.25	<.009	4040	8.00

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

312356083462001

Site Name.—15K012

LOCATION.—Lat 31°23'56", long 83°46'20", Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA - LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL - LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH BELOW LAND SURFACE 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 OF (MM HG) (00025)	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)		
OCT 23...	1500	80020	1028	11.45	24	317	23	769	6.8	79	4.7	144	23.0	
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	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 GF 0.7U REC (UG/L) (49260)	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)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	
OCT 23...	--	<.04	<.11	<.10	<.002	<.31	<.004	<.05	<.002	<.20	<.02	<.21	<.005	
DATE		ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, FLTRD, GF 0.7U REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, FLTRD, GF 0.7U REC (UG/L) (04028)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR- BARYL WATER, FLTRD GF, REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO- FURAN WATER, FLTRD GF, REC (UG/L) (82674)	CHLOR - AMBEN, METHYL ESTER WAT,FLT GF 0.7U REC (UG/L) (61188)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
OCT 23...		<.007	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005
DATE		CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED REC (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- BLDRIN DIS- SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
OCT 23...		<.42	<.018	<.41	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06
DATE		DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	EPTC WATER FLTRD GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOPOS WATER DISS REC (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN- URON WATER FLTRD GF, REC (UG/L) (82666)	MALA- THON, 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)
OCT 23...		<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13
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 GF, REC (UG/L) (82686)	METHYL PARA- THON WAT FLT GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER, FLTRD GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P' DDE DISSOLV (UG/L) (34653)
OCT 23...		<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003

# Surficial Aquifer 2001 Water Year

**312356083462001**

**Site Name.—15K012—continued**

DATE	PARATHION, DIS-SOLVED (UG/L)	PEBULATE WATER FILTRD 0.7 U (UG/L)	PENDIMETHALIN WAT FLT 0.7 U (UG/L)	PERMETHRIN WAT FLT 0.7 U (UG/L)	PHORATE WATER FLTRD 0.7 U (UG/L)	PICLORAM, WATER, GF 0.7U (UG/L)	PROMETON, WATER, DISS, REC (UG/L)	PRONAMIDE FLTRD 0.7 U (UG/L)	PROPACHLOR, WATER, DISS, REC (UG/L)	PROPANIL WATER FLTRD 0.7 U (UG/L)	PRO-PARGITE WATER FLTRD 0.7 U (UG/L)	PRO-PHAM, WATER, GF 0.7U (UG/L)	PRO-POXUR, WATER, FLTRD, REC (UG/L)
OCT 23...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.77
DATE	SILVEX, DIS-SOLVED (UG/L)	SI-MAZINE, WATER, REC (UG/L)	TEBUTHIURON WATER FLTRD 0.7 U (UG/L)	TER-BACIL WATER FLTRD 0.7 U (UG/L)	TER-BUFOS WATER FLTRD 0.7 U (UG/L)	THIO-BENCARB WATER FLTRD 0.7 U (UG/L)	TRIAL-LATE WATER FLTRD 0.7 U (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U (UG/L)	TRI-ALIN WATER FLTRD 0.7 U (UG/L)	SAMPLER TYPE (CODE)	SAM-PLING CONDI-TION		
OCT 23...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:  
< -- Less than



# Surficial Aquifer 2001 Water Year

312109083340301

Site Name.—17J024

LOCATION.—Lat 31°21'09", long 83°34'03", Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM ABOVE NGVD) (72000)	BARO-METRIC PRES-SURE OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
OCT 26...	1200	80020	1028	3.38	8.5	335	763	1.4	17	6.5	198	23.6	.059
DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM ABOVE NGVD) (72000)	BARO-METRIC PRES-SURE OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
		2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,6-DI-ETHYL ANILINE WAT FLT (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT,FLT (UG/L) (49308)	ACETO-CHLOR, WATER, FLTRD (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD (UG/L) (49315)	ALA-CHLOR, WATER, REC (UG/L) (46342)	ALDI-CARB SULFONE WAT,FLT (UG/L) (49313)	ALDICA-RB FOXIDE, WAT,FLT (UG/L) (49314)	ALDI-CARB, WATER, FLTRD (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)
OCT 26...	<.04	<.11	<.10	<.002	<.41	<.004	<.05	<.002	<.20	<.02	<.76	<.005	<.007
DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM ABOVE NGVD) (72000)	BARO-METRIC PRES-SURE OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
		BEN-FLUR-ALIN WAT FLD (UG/L) (82673)	BENTA-ZON, WATER, FLTRD (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD (UG/L) (49311)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL, WATER, FLTRD (UG/L) (49310)	CAR-BARYL WATER, FLTRD (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD (UG/L) (49309)	CARBO-FURAN, WATER, FLTRD (UG/L) (82674)	CHLOR-AMBEN, METHYL ESTER, FLTRD (UG/L) (61188)	CHLORO-THALO-NIL, WAT,FLT (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)
OCT 26...	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	<.42
DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM ABOVE NGVD) (72000)	BARO-METRIC PRES-SURE OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
		CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT,FLT (UG/L) (49304)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD (UG/L) (38442)	DICHLO-BENIL, WATER, FLTRD (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD (UG/L) (49301)	DISUL-FOTON WATER, FLTRD (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	DNOC WAT,FLT (UG/L) (49299)
OCT 26...	<.018	<.07	<.003	<.006	.010	<.04	<.05	<.05	<.005	<.09	<.021	<.06	<.25
DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM ABOVE NGVD) (72000)	BARO-METRIC PRES-SURE OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
		EPTC WATER, FLTRD (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT (UG/L) (82663)	ETHO-PROP WATER, FLTRD (UG/L) (82672)	FEN-URON, WATER, FLTRD (UG/L) (49297)	FLUO-METURON WATER, FLTRD (UG/L) (38811)	FONOFOFOS WATER, DISS REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD (UG/L) (38478)	LIN-URON WATER 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)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
OCT 26...	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07
DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM ABOVE NGVD) (72000)	BARO-METRIC PRES-SURE OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
		METH-OMYL, WATER, FLTRD (UG/L) (49296)	METHYL AZIN-PHOS WAT FLT (UG/L) (82686)	METHYL PARA-THION WAT FLT (UG/L) (82667)	METO-LACHLOR WATER (UG/L) (39415)	METRI-BUZIN SENCOR FLTRD (UG/L) (82630)	MOL-INATE WATER, FLTRD (UG/L) (82671)	NAPROP-AMIDE WATER, FLTRD (UG/L) (82684)	NEB-URON, WATER, FLTRD (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD (UG/L) (49292)	OXAMYL, WATER, FLTRD, P,P',DDE DISSOLV (UG/L) (34653)	PARA-THION, DIS-SOLVED (UG/L) (39542)
OCT 26...	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	.33	<.28	<.02	<.003	<.007

# Surficial Aquifer 2001 Water Year

**312109083340301**

**Site Name.—17J024—contintued**

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 WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, FLTRD, 0.7U GF REC (UG/L) (49291)	PRO- METON, WATER, FLTRD DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, FLTRD 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, 0.7U GF REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, 0.7U GF REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)
OCT 26...	<.002	<.010	<.006	<.011	<.09	E.003	<.004	<.010	<.011	<.023	<.27	<.12	<.03
DATE	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)	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- CLOPYR, WATER, FLTRD, WAT FLT 0.7 U GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)			
OCT 26...	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00			

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

312625083352201

Site Name.—17K064

LOCATION.—Lat 31°26'25", long 83°35'22", Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	DEPTH BELOW LAND SURFACE OF WELL, TOTAL (FEET) (72019)	DEPTH OF DATUM ABOVE NGVD (FEET) (72008)	ELEV. OF LAND SURFACE (FEET) (72000)	BARO-METRIC PRES-SURE OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH DIS-SOLVED WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	
OCT 25...	0900	80020	1028	9.54	18.0	326	765	4.8	55	5.0	102	22.1	--
DATE	2,4,5-T DIS-SOLVED (39742)	2,4-D, DIS-SOLVED (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (38746)	2,6-DI-ETHYL ANILINE, WAT FLT (82660)	3HYDRXY CARBO-FURAN, WAT, FLT GF 0.7U REC (49308)	ACETO-CHLOR, WATER, FLTRD (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (49315)	ALA-CHLOR, WATER, REC (46342)	ALDI-CARB SULFONE, WAT, FLT REC (49313)	ALDICA-RB SUL-FOXIDE, WAT, FLT REC (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (49312)	ALPHA-BHC DIS-SOLVED (34253)	ATRA-ZINE, WATER, REC (39632)
OCT 25...	<.04	<.11	<.10	E.001	<.11	<.004	<.05	<.002	<.20	<.86	<.21	<.005	<.007
DATE	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (82673)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (38711)	BRO-MACIL, WATER, FLTRD, DISS, REC (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (49311)	BUTYL-ATE, WATER, FLTRD, DISS, REC (04028)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (49310)	CAR-BARYL WATER, FLTRD, GF 0.7U REC (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (49309)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (82674)	CHLOR-AMBEN, METHYL, WATER, FLTRD, GF 0.7U REC (61188)	CHLORO-THALO-NIL, WAT, FLT REC (49306)	CHLOR-PYRIFOS DIS-SOLVED (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (49305)
OCT 25...	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	<.42
DATE	CYANA-ZINE, WATER, DISS, REC (04041)	DACTHAL MONO-ACID, WAT, FLT GF 0.7U REC (49304)	DCPA WATER, FLTRD, GF 0.7U REC (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (04040)	DI-AZINON, DIS-SOLVED (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (38442)	DICHLOR-BENIL, WATER, FLTRD, GF 0.7U REC (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (49302)	DI-ELDRIN, DIS-SOLVED (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (49301)	DISUL-FOTON, WATER, FLTRD, GF 0.7U REC (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (49300)	DNOC WAT, FLT GF 0.7U REC (49299)
OCT 25...	<.018	<.49	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	<.25
DATE	EPTC WATER, FLTRD, GF 0.7U (82668)	ETHAL-FLUR-ALIN WAT FLT GF 0.7U REC (82663)	ETHO-PROP WATER, FLTRD, GF 0.7U REC (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (49297)	FLUO-METURON, WATER, FLTRD, GF 0.7U REC (38811)	FONOFOS WATER, DISS (04095)	LINDANE DIS-SOLVED (39341)	LINURON WATER, FLTRD, GF 0.7U REC (38478)	LIN-URON, WATER, FLTRD, GF 0.7U REC (82666)	MALA-THION, DIS-SOLVED (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (38487)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (38501)
OCT 25...	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07
DATE	METH-OMYL, WATER, FLTRD, GF 0.7U REC (49296)	METHYL AZIN-PHOS WAT FLT GF 0.7U REC (82686)	METHYL PARA-THION WAT FLT GF 0.7U REC (82667)	METO-LACHLOR WATER, DISSOLV (39415)	METRI-BUZIN SENCOR WATER, DISSOLV (82630)	MOL-INATE WATER, FLTRD, GF, REC (82671)	NAPROP-AMIDE WATER, FLTRD, GF, REC (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (49293)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (38866)	P,P'DDE DISSOLV (34653)	PARA-THION, DIS-SOLVED (39542)
OCT 25...	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	<.007

# Surficial Aquifer 2001 Water Year

**312625083352201**

**Site Name.—17K064—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 WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- METON, WATER, FLTRD, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, FLTRD 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)
OCT 25...	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12	<.03
DATE	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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)			
OCT 25...	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00			

Remark codes used in this report:

- < -- Less than
- E -- Estimated value

# Surficial Aquifer 2001 Water Year

312625083351601

Site Name.—17K065

LOCATION.—Lat 31°26'25", long 83°35'16", Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	PH	WATER WHOLE FIELD CON-DUCT-ANCE (US/CM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
		(00028)	(00027)	(72019)	(72008)	(72000)	(00025)	(00300)	(00301)	(00400)	(00095)	(00010)	(00631)
OCT 25...	1200	80020	1028	4.34	8.5	315	765	4.1	48	6.8	84	23.4	--
DATE	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U (UG/L)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L)	ACETO-CHLOR, WATER FLTRD REC (UG/L)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L)	ALA-CHLOR, WATER, DISS, REC (UG/L)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, DISS, REC (UG/L)
	(39742)	(39732)	(38746)	(82660)	(49308)	(49260)	(49315)	(46342)	(49313)	(49314)	(49312)	(34253)	(39632)
OCT 25...	<.04	<.11	<.10	<.002	<.01	<.004	<.05	<.002	<.26	<.02	<.49	<.005	<.007
DATE	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	BUTYL-ATE, WATER, DISS, REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CAR-BARYL WATER, FLTRD, GF, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, REC (UG/L)	CARBO-FURAN WATER, ESTER WAT,FLT GF, REC (UG/L)	CHLOR-AMBN, METHYL NIL, FLTRD, REC (UG/L)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)
	(82673)	(38711)	(04029)	(49311)	(04028)	(49310)	(82680)	(49309)	(82674)	(61188)	(49306)	(38933)	(49305)
OCT 25...	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.28	<.005	<.42
DATE	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L)	DCPA WATER, FLTRD, GF 0.7 U REC (UG/L)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOR PROP, WATER, FLTRD, REC (UG/L)	DI-ELDRIN DIS-SOLVED (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	FOTON WATER, FLTRD, GF, REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)	DNOC WAT,FLT GF 0.7U REC (UG/L)
	(04041)	(49304)	(82682)	(04040)	(39572)	(38442)	(49303)	(49302)	(39381)	(49301)	(82677)	(49300)	(49299)
OCT 25...	<.018	<.07	<.003	E.005	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.05	<.25
DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L)	ETHAL-ALIN WAT FLT 0.7 U GF, REC (UG/L)	ETHO-PROP WATER, FLTRD, GF 0.7 U REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	FONOPOS WATER, DISS REC (UG/L)	LINDANE WATER, FLTRD, DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	LIN-URON WATER, FLTRD, GF, REC (UG/L)	MALA-THON, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)
	(82668)	(82663)	(82672)	(49297)	(38811)	(04095)	(39341)	(38478)	(82666)	(39532)	(38482)	(38487)	(38501)
OCT 25...	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07
DATE	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L)	METHYL PARA-THON WAT FLT 0.7 U GF, REC (UG/L)	METO-LACHLOR WATER DISSOLV (UG/L)	METRI-BUZIN WATER DISSOLV (UG/L)	MOL-INATE WATER FLTRD GF, REC (UG/L)	NAPROP-AMIDE WATER FLTRD GF, REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, REC (UG/L)	OXAMYL, WATER, FLTRD, REC (UG/L)	P,P'DDE DISSOLV (UG/L)	PARA-THON, DIS-SOLVED (UG/L)
	(49296)	(82686)	(82667)	(39415)	(82630)	(82671)	(82684)	(49294)	(49293)	(49292)	(38866)	(34653)	(39542)
OCT 25...	<.02	<.050	<.006	E.001	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	<.007

# Surficial Aquifer 2001 Water Year

**312625083351601**

**Site Name.—17K065—contined**

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 WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- METON, WATER, FLTRD, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, FLTRD 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)
OCT 25...	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12	<.03
DATE	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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)		SAM- PLING CONDI- TION (72006)			
OCT 25...	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00			

Remark codes used in this report:

- < -- Less than
- E -- Estimated value

# Surficial Aquifer 2001 Water Year

313122083325101

Site Name.—17L026

LOCATION.—Lat 31°31'22", long 83°32'51", Tift County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	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 (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- AR) UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)		
OCT 25...	1600	80020	1028	4.97	19	360	23	761	6.0	72	4.3	159	24.2	
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	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 0.7 U GF 0.7U REC (UG/L) (49308)	ACETO- CHLOR, WATER FLTRD GF 0.7U REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RE 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)	
OCT 25...	--	<.04	<.11	<.10	<.002	<.24	<.004	<.05	<.002	<.20	<.57	<.21	<.005	
DATE		ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, FLTRD, DISS, GF 0.7U REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR- BARYL WATER FLTRD GF, REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO- FURAN WATER FLTRD GF, REC (UG/L) (82674)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	
OCT 25...		<.007	<.010	<.04	<.74	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005
DATE		CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, GF 0.7U REC (UG/L) (04041)	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, GF 0.7U REC (UG/L) (04040)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	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)	DISUL- FOTON WATER, FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	
OCT 25...		<.42	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06
DATE		DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	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)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS (UG/L) (04095)	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)
OCT 25...		<.25	<.002	<.009	<.005	<.11	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13
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- THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P' DDE DISSOLV (UG/L) (34653)
OCT 25...		<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003

# Surficial Aquifer 2001 Water Year

**313122083325101**

**Site Name.—17L026—continued**

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 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
OCT 25...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12
DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD 0.7 U GF, 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)	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- CLOPYR, WATER, FLTRD 0.7 U GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAM- PLING CONDI- TION (72006)			
OCT 25...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:

- < -- Less than
- E -- Estimated value



# Surficial Aquifer 2001 Water Year

313435083390101

Site Name.—16L021

LOCATION.—Lat 31°34'35", long 83°39'01", Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH BELOW LAND SURFACE 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 OF (MM HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE AIR (DEG C) (00020)	
APR 09...	1000	80020	1028	14.68	20	335	11	760	8.6	91	4.4	133	26.0
DATE	TEMPER- ATURE WATER (DEG C) (00010)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (38746)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (82660)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (49308)	ACETO- CHLOR, WATER FLTRD REC (49260)	ACIPL- UORFEN WATER, FLTRD, GF 0.7U REC (49315)	ALA- CHLOR, WATER, DISS, REC (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (49312)
APR 09...	18.2	9.03	<.04	<.11	<.10	<.002	<.11	<.004	E.02	<.002	<.20	<.31	<.21
DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ATRA- ZINE, WATER, DISS, REC (39632)	BEN- FLUR- ALIN WAT FLD GF, REC (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (38711)	BRO- MACIL, WATER, DISS, REC (04029)	BRO- MOXYNIL FLTRD, GF 0.7U REC (49311)	BUTYL- ATE, WATER, DISS, REC (04028)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (49310)	CAR- BARYL FLTRD GF, REC (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (49309)	CARBO- FURAN WATER FLTRD GF, REC (82674)	CHLOR- AMBN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (49306)
APR 09...	<.005	<.007	<.010	1.10	<.14	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13
DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (49305)	CYANA- ZINE, WATER, DISS, REC (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (49304)	DCPA WATER FLTRD, GF 0.7U GF, REC (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (49301)	DISUL- FOTON WATER FLTRD, GF 0.7U GF, REC (82677)
APR 09...	<.005	<.42	<.018	<.50	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021
DATE	DIURON, WATER, FLTRD, GF 0.7U REC (49300)	DNOC WAT,FLT GF 0.7U REC (49299)	EPTC WATER FLTRD 0.7 U GF, REC (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (38811)	FONOFOS WATER DISS REC (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (38478)	LIN- URON WATER FLTRD 0.7 U GF, REC (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (38482)
APR 09...	<.06	<.25	<.002	<.009	<.005	<.07	.10	<.003	<.004	<.02	<.035	<.027	<.08
DATE	MCPB, WATER, FLTRD, GF 0.7U REC (38487)	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- THON WAT FLT 0.7 U GF, REC (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 (82671)	NAPPROP- AMIDE WATER FLTRD 0.7 U GF, REC (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (38866)
APR 09...	<.13	<.07	<.43	<.050	<.006	E.001	<.006	<.002	<.007	<.02	.25	<.28	<.02

**Surficial Aquifer  
2001 Water Year**

**313435083390101**

**Site Name.—16L021—continued**

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, 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)	PRO- 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, 0.7U REC (UG/L) (49236)
APR 09...	<.003	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09
DATE	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)	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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	CONDI- TION (72006)	
APR 09...	<.28	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00	

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

313630083385001

Site Name.—16L022

LOCATION.—Lat 31°36'30", long 83°38'50", Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING (CODE NUMBER)	DEPTH BELOW LAND SURFACE (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF SURFACE DATUM (FEET)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	PH DIS-SOLVED (PER-CENT SATUR-ATION)	WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE (DEG C)
OCT 24...	0900	80020	1028	17.56	65	342	70	768	3.6	40	4.9	28	20.5
DATE	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, REC (UG/L)	2,6-DI-ETHYL ANILINE, WAT FLT (UG/L)	3HYDRXY CARBO-FURAN, WAT, FLT (UG/L)	ACETO-CHLOR, WATER, FLTRD, REC (UG/L)	ACIFL-UORFEN, WATER, FLTRD, REC (UG/L)	ALA-CHLOR, WATER, REC (UG/L)	ALDI-CARB SULFONE, WAT, FLT (UG/L)	ALDICA-RB SUL-FOXIDE, WAT, FLT (UG/L)	ALDI-CARB, WATER, FLTRD, REC (UG/L)	ALPHA-BHC DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, REC (UG/L)
OCT 24...	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.45	<.005	<.007
DATE	BEN-FLUR-ALIN, WAT FLD (UG/L)	BENTA-ZON, WATER, FLTRD, REC (UG/L)	BRO-MACIL, WATER, FLTRD, REC (UG/L)	BRO-MOXNYL, WATER, FLTRD, REC (UG/L)	BUTYL-ATE, WATER, FLTRD, REC (UG/L)	CAR-BARYL, WATER, FLTRD, REC (UG/L)	CAR-BARYL, WATER, FLTRD, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, REC (UG/L)	CHLOR-AMMBEN, METHYL, ESTER, WAT, FLT (UG/L)	CHLORO-THALO-NIL, WAT, FLT (UG/L)	CHLOR-PYRIFOS, DIS-SOLVED (UG/L)	CLOPYR-ALID, WATER, REC (UG/L)
OCT 24...	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	<.42
DATE	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT (UG/L)	DCPA WATER, FLTRD, REC (UG/L)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, REC (UG/L)	DICHLOR-BENIL, WATER, FLTRD, REC (UG/L)	DICHLOR PROP, WATER, FLTRD, REC (UG/L)	DI-ELDRIN, DIS-SOLVED (UG/L)	DINOSEB, WATER, FLTRD, REC (UG/L)	DISUL-FOTON, WATER, FLTRD, REC (UG/L)	DIURON, WATER, FLTRD, REC (UG/L)	DNOC, WAT, FLT (UG/L)
OCT 24...	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	<.25
DATE	EPTC WATER, FLTRD, REC (UG/L)	ETHAL-FLUR-ALIN, WAT FLT (UG/L)	ETHO-PROP, WATER, FLTRD, REC (UG/L)	FEN-URON, WATER, FLTRD, REC (UG/L)	FLUO-METURON, WATER, FLTRD, REC (UG/L)	FONOFOS WATER, DISS, REC (UG/L)	LINDANE, DIS-SOLVED (UG/L)	LINURON, WATER, FLTRD, REC (UG/L)	LIN-URON, WATER, FLTRD, REC (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, REC (UG/L)	MCPB, WATER, FLTRD, REC (UG/L)	METHIO-CARB, WATER, FLTRD, REC (UG/L)
OCT 24...	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07
DATE	METH-OMYL, WATER, FLTRD, REC (UG/L)	METHYL AZIN-PHOS, WAT FLT (UG/L)	METHYL PARA-THION, WAT FLT (UG/L)	METO-LACHLOR, WATER, DISSOLV (UG/L)	METRI-BUZIN, WATER, DISSOLV (UG/L)	MOL-INATE, WATER, FLTRD, REC (UG/L)	NAPROP-AMIDE, WATER, FLTRD, REC (UG/L)	NEB-URON, WATER, FLTRD, REC (UG/L)	NORFLUR AZON, WATER, FLTRD, REC (UG/L)	ORY-ZALIN, WATER, FLTRD, REC (UG/L)	OXAMYL, WATER, FLTRD, REC (UG/L)	P,P'DDE, DISSOLV (UG/L)	PARA-THION, DIS-SOLVED (UG/L)
OCT 24...	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	<.007

**Surficial Aquifer  
2001 Water Year**

**313630083385001**

**Site Name.—16L022--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 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)
OCT 24...	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12	<.03
DATE	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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)			
OCT 24...	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00			

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

313950083425401

Site Name.—16M015

LOCATION.—Lat 31°39'50", long 83°42'54", Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA - LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL - LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH BELOW LAND SURFACE (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 OF (MM HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	
OCT 24...	1400	80020	1028	10.49	20	417	26	766	7.2	86	4.1	76	24.3
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,6-DI- ETHYL ANILINE WATER 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)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
OCT 24...	--	<.002	<.004	<.002	<.005	<.007	<.010	<.002	<.041	<.020	<.005	<.018	<.003
DATE		DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI - AZINON, DIS- SOLVED (UG/L) (39572)	DI - ELDRIN DIS- SOLVED (UG/L) (39381)	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)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39341)	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)
OCT 24...	E.007	<.005	<.005	<.021	<.002	<.009	<.005	<.003	<.004	<.035	<.027	<.050	<.006
DATE		METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN 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)	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- 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)
OCT 24...	.249	<.006	<.002	<.007	<.003	<.007	<.002	<.010	<.006	<.011	<.015	<.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)	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)	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)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)	
OCT 24...		<.011	<.023	<.011	<.016	<.034	<.017	<.005	<.002	<.009	4040	8.00	

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

314123083391301

Site Name.—16M016

LOCATION.—Lat 31°41'23", long 83°39'13", Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	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, 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)	
OCT 19...	0900	80020	1028	16.97	40	404	59	762	8.1	91	4.3	150	21.2	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, GF 0.7U REC (38746)	2,6-DI-ETHYL ANILINE WAT FLT (UG/L) (82660)	3HYDRXY CARBO-FURAN WAT, FLT (UG/L) (49308)	ACETO-CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL-UORFEN, WATER, FLTRD, DISS, REC (UG/L) (49315)	ALA-CHLOR, WATER, REC (UG/L) (46342)	ALDI-CARB SULFONE WAT, FLT (UG/L) (49313)	ALDICA-RB SUL-FOXIDE WAT, FLT (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)
OCT 19...	--	<.04	<.11	<.10	<.002	<1.99	<.004	<.05	<.002	<.20	<.49	<.23	<.005	
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD GF, REC (UG/L) (82673)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL, WATER, FLTRD, GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN, WATER, FLTRD, 0.7 U WATER, GF, REC (UG/L) (82674)	CHLOR-AMBEN, METHYL ESTER, FLTRD (UG/L) (61188)	CHLORO-THALO-NIL, WAT, FLT REC (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	
OCT 19...	.030	<.010	<.04	.07	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.28	<.005	
DATE		CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, 0.7 U GF, REC (UG/L) (82682)	DBETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	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)	DISUL-FOTON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	
OCT 19...	<.42	<.018	<.07	<.003	E.048	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.05	
DATE		DNOC WAT, FLT GF 0.7U REC (UG/L) (49299)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 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)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER, DISS REC (UG/L) (04095)	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)
OCT 19...	<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	
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 GF, REC (UG/L) (82686)	METHYL PARA-THION WAT FLT GF, REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER, FLTRD GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER, FLTRD GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P' DDE DISSOLV (UG/L) (34653)
OCT 19...	<.07	<.28	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	

**Surficial Aquifer  
2001 Water Year**

**314123083391301**

**Site Name.--16M016--continued**

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 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)	PRO- 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
OCT 19...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.17	<.12
DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD, 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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAM- PLING CONDIT - TION (72006)			
OCT 19...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

312758083232401

Site Name.—18K052

LOCATION.—Lat 31°27'58", long 83°23'24", Turner County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	BARO-METRIC PRES-SURE (MM HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, (PER -CENT SATUR-ATION)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
OCT 23...	0900	80020	1028	37.72	70	325	62	769	5.8	65	5.3	21	21.7
DATE	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	2,6-DI-ETHYL ANILINE, WAT FLT (UG/L)	3HYDRXY CARBO-FURAN, WAT, FLT REC (UG/L)	ACETO-CHLOR, WATER, FLTRD REC (UG/L)	ACIFL-UORFEN, WATER, FLTRD GF 0.7U REC (UG/L)	ALA-CHLOR, WATER, REC (UG/L)	ALDI-CARB SULFONE, WAT, FLT REC (UG/L)	ALDICA-RB SUL-FOXIDE, WAT, FLT REC (UG/L)	ALDI-CARB, WATER, FLTRD, REC (UG/L)	ALPHA-BHC DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, DISS, REC (UG/L)
OCT 23...	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005	<.007
DATE	BEN-FLUR-ALIN, WAT FLD 0.7 U GF, REC (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	BRO-MACIL, WATER, FLTRD, DISS, REC (UG/L)	BRO-MOXYNIL, WATER, FLTRD, GF 0.7U REC (UG/L)	BUTYL-ATE, WATER, FLTRD, DISS, REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CAR-BARYL, WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBO-FURAN, WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	CHLOR-AMBN, METHYL ESTER, WATER, FLTRD REC (UG/L)	CHLORO-THALO-NIL, WAT, FLT REC (UG/L)	CHLOR-PYRIFOS, DIS-SOLVED (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L)
OCT 23...	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	<.42
DATE	CYANA-ZINE, WATER, DISS, REC (UG/L)	DACTHAL MONO-ACID, WAT, FLT GF 0.7U REC (UG/L)	DCPA WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	DEETHYL ATRA-ZINE, WATER, FLTRD, DISS, REC (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLO-PROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DI-ELDRIN, DIS-SOLVED (UG/L)	DINOSEB, WATER, FLTRD, GF 0.7U REC (UG/L)	DISUL-FOTON, WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)	DNOC, WAT, FLT GF 0.7U REC (UG/L)
OCT 23...	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	<.25
DATE	EPTC WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	ETHAL-FLUR-ALIN, WAT FLT GF 0.7 U GF, REC (UG/L)	ETHO-PROP, WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON, WATER, FLTRD, GF 0.7U REC (UG/L)	FONOFOS WATER, DISS REC (UG/L)	LINDANE, DIS-SOLVED (UG/L)	LINURON, WATER, FLTRD, GF 0.7U REC (UG/L)	LIN-URON, WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)
OCT 23...	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07
DATE	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHYL-AZIN-PHOS, WAT FLT GF 0.7 U GF, REC (UG/L)	METHYL-PARA-THION, WAT FLT GF 0.7 U GF, REC (UG/L)	METO-LACHLOR, WATER, DISSOLV (UG/L)	METRI-BUZIN, WATER, DISSOLV (UG/L)	MOL-INATE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	NAPROP-AMIDE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	P, P' DDE, DISSOLV (UG/L)	PARA-THION, DIS-SOLVED (UG/L)
OCT 23...	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	<.007



## Surficial Aquifer 2001 Water Year

**312758083232401**

**Site Name.—18K052--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 WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)
OCT 23...	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12	<.03
DATE	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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)			
OCT 23...	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00			

Remark codes used in this report:  
< -- Less than

# Surficial Aquifer 2001 Water Year

314330084005403

Site Name.—13M007

LOCATION.—Lat 31°43'30", long 84°00'54", Worth County

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (00028)	AGENCY COL-LECTING SAMPLE NUMBER (00027)	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 OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	
JAN 25...	1000	80020	1028	25.0	238.00	34	772	3.1	34	6.8	96	7.0	19.8	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-DB WATER, FLTRD, REC (UG/L) (38746)	3HYDRXY CARBO-FURAN, WAT, FLT (UG/L) (49308)	ACETO-CHLOR, WATER, FLTRD, REC (UG/L) (49260)	ACIFL-UORFEN, WATER, FLTRD, REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI-CARB SULFONE, WAT, FLT (UG/L) (49313)	ALDICA-RE SUL-FOXIDE, WAT, FLT (UG/L) (49314)	ALDI-CARB, WATER, FLTRD, REC (UG/L) (49312)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	
JAN 25...	.163	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<2.75	<.005	
DATE		ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	BEN-FLUR-ALIN WAT FLD (UG/L) (82673)	BENTA-ZON, WATER, FLTRD, REC (UG/L) (38711)	BRO-MACIL, WATER, FLTRD, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, REC (UG/L) (49311)	CAR-BARYL, WATER, FLTRD, REC (UG/L) (49310)	CAR-BARYL, WATER, FLTRD, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, REC (UG/L) (49309)	CARBO-FURAN, WATER, FLTRD, REC (UG/L) (82674)	CHLOR-AMBEN, METHYL ESTER, WATER, FLTRD, REC (UG/L) (61188)	CHLORO-AMBEN, THALO-NIL, WAT, FLT (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	
JAN 25...	<.007	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	
DATE		CLOPYR-ALID, WATER, FLTRD, REC (UG/L) (49305)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT, FLT (UG/L) (49304)	DCPA WATER, FLTRD, REC (UG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	DICAMBA WATER, FLTRD, REC (UG/L) (38442)	DICHLO-BENIL, WATER, FLTRD, REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, REC (UG/L) (49302)	DI-BLDRIN, DIS-SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, REC (UG/L) (49301)	DISUL-FOTON, WATER, FLTRD, REC (UG/L) (82677)	DIURON, WATER, FLTRD, REC (UG/L) (49300)	
JAN 25...	<.42	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	
DATE		DNOC WAT, FLT (UG/L) (49299)	EPTC WATER FLTRD (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT (UG/L) (82663)	ETHO-PROP WATER, FLTRD, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, REC (UG/L) (49297)	FLUO-METURON WATER, FLTRD, REC (UG/L) (38811)	FONOFOS WATER, DISS, REC (UG/L) (04095)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, REC (UG/L) (38478)	LIN-URON WATER, FLTRD, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, REC (UG/L) (38482)	MCPB, WATER, FLTRD, REC (UG/L) (38487)
JAN 25...	<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	
DATE		METHIO-CARB, WATER, FLTRD, REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, REC (UG/L) (49296)	METHYL-AZIN-PHOS WAT FLT (UG/L) (82686)	METHYL-PARA-THION WAT FLT (UG/L) (82667)	METO-LACHLOR WATER (UG/L) (39415)	METRI-BUZIN SENCOR WATER (UG/L) (82630)	MOL-INATE WATER, FLTRD, REC (UG/L) (82671)	NAPROP-AMIDE WATER, FLTRD, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, REC (UG/L) (49294)	NORFLUR-AZON, WATER, FLTRD, REC (UG/L) (49293)	ORY-ZALIN, WATER, FLTRD, REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, REC (UG/L) (38866)	P,P' DDE DISSOLV (UG/L) (34653)
JAN 25...	<.32	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.42	<.02	<.003	

**Surficial Aquifer  
2001 Water Year**

**314330084005403**

**Site Name.—13M007—continued**

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 WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- METON, WATER, FLTRD, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, FLTRD 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
JAN 25...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12
DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD 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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)		
JAN 25...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:  
< -- Less than

# Surficial Aquifer 2001 Water Year

315009083571001

Site Name.—14N008

LOCATION.—Lat 31°50'09", long 83°57'10", Worth County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (PT. ABOVE NGVD)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, SATUR-ATION (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
OCT 24...	1500	80020	1028	12.96	31.2	240	770	6.5	74	7.3	213	22.5	--
DATE	2,4,5-T DIS-SOLVED (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (38746)	2,6-DI-ETHYL ANILINE WAT FLT (UG/L)	3HYDRXY CARBO-FURAN WAT, FLT GF 0.7U REC (49308)	ACETO-CHLOR, WATER FLTRD (UG/L)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (49315)	ALA-CHLOR, WATER, DISS, REC, (UG/L)	ALDI-CARB SULFONE WAT, FLT GF 0.7U REC (49313)	ALDICA-RB SUL-FOXIDE, WAT, FLT GF 0.7U REC (49314)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (49312)	ALPHA BHC DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, DISS, REC (39632)
OCT 24...	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005	<.007
DATE	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (82673)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (38711)	BRO-MACIL, WATER, DISS, REC (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (49311)	BUTYL-ATE, WATER, DISS, REC (04028)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (49310)	CAR-BARYL WATER FLTRD (UG/L)	CARBO-FURAN WATER, FLTRD, GF 0.7U REC (49309)	CARBO-FURAN WATER FLTRD (UG/L)	CHLOR-AMBN, METHYL ESTER WAT, FLTRD (UG/L)	CHLORO-THALO-NIL, WAT, FLT GF 0.7U REC (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (49305)
OCT 24...	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005	<.42
DATE	CYANA-ZINE, WATER, DISS, REC (04041)	DACTHAL MONO-ACID, WAT, FLT GF 0.7U REC (49304)	DCPA WATER, FLTRD, GF 0.7U REC (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (04040)	DI-AZINON, DIS-SOLVED (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (38442)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (49302)	DI-ELDRIN DIS-SOLVED (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (49301)	DISUL-FOTON WATER, FLTRD, GF 0.7U REC (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (49300)	DNOC WAT, FLT GF 0.7U REC (49299)
OCT 24...	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06	<.25
DATE	EPTC WATER FLTRD 0.7 U GF, REC (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (82663)	ETHO-PROP WATER, FLTRD, GF 0.7U REC (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (49297)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (38811)	FONO-FOS WATER DISS REC (04095)	LINDANE DIS-SOLVED (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (38478)	LIN-URON WATER FLTRD (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (38487)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (38501)
OCT 24...	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13	<.07
DATE	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)	METRI-BUZIN WATER DISSOLV (UG/L)	MOL-INATE WATER FLTRD (UG/L)	NAPPROP-AMIDE WATER FLTRD (UG/L)	NEB-URON, WATER, FLTRD, GF 0.7U REC (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (49293)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (38866)	P,P'DE DISSOLV (UG/L)	PARA-THION, DIS-SOLVED (UG/L)
OCT 24...	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003	<.007

# Surficial Aquifer 2001 Water Year

**315009083571001**

**Site Name.—14N008--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 WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- METON, WATER, FLTRD, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, FLTRD 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)
OCT 24...	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12	<.03
DATE	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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)			
OCT 24...	<.011	E.056	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00			

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

# Surficial Aquifer 2001 Water Year

313209083464801

Site Name.—15L030

LOCATION.—Lat 31°32'09", long 83°46'48", Worth County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH BELOW LAND SURFACE 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 OF (MM HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED 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)	
OCT 17...	1500	80020	1028	5.73	23	405	30	759	6.0	72	4.1	170	24.3	
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	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 GF 0.7U GF, REC (UG/L) (82660)	3HYDRXY CARBO- FURAN WAT, FLT GF 0.7U REC (UG/L) (49308)	ACETO- CHLOR, WATER FLTRD GF 0.7U 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- RE 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)
OCT 17...	--	<.04	<.11	<.10	<.002	<.38	<.004	<.05	<.002	<.26	<.02	<.21	<.005	
DATE		ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR- BARYL WATER FLTRD GF 0.7U GF, REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO- FURAN WATER FLTRD GF 0.7U GF, REC (UG/L) (82674)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD GF 0.7U REC (UG/L) (61188)	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
OCT 17...		<.007	<.010	.09	<.37	<.07	<.002	<.02	<.041	<.29	<.14	<.28	<.005	
DATE		CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD GF, REC (UG/L) (82682)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	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)	DISUL- FOTON WATER FLTRD GF 0.7U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
OCT 17...		<.42	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.05
DATE		DNOC WAT, FLT GF 0.7U REC (UG/L) (49299)	EPTC WATER FLTRD GF 0.7U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT GF 0.7U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD GF 0.7U GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS (UG/L) (04095)	LINDANE DIS- SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN- URON WATER FLTRD GF 0.7U GF, REC (UG/L) (82666)	MALA- THON, 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)
OCT 17...		<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13
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 GF 0.7U GF, REC (UG/L) (82686)	METHYL PARA- THON WAT FLT GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER SENCOR DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF 0.7U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD GF 0.7U GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P' DDE DISSOLV (UG/L) (34653)
OCT 17...		<.07	<.33	<.050	<.006	E.004	<.006	<.002	<.007	<.02	<.04	<.28	<.02	E.002

# Surficial Aquifer 2001 Water Year

**313209083464801**

**Site Name.—15L030—continued**

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 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
OCT 17...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<4.10
DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD 0.7 U GF, 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)	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- CLOPYR, WATER, FLTRD 0.7 U GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAM- PLING CONDI- TION (72006)			
OCT 17...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:

- < -- Less than
- E -- Estimated value

# Surficial Aquifer 2001 Water Year

312025083401101

Site Name.—16J032

LOCATION.—Lat 31°20'25", long 83°40'11", Worth County.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH BELOW LAND SURFACE 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 OF (MM HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)		
OCT 24...	1200	80020	1028	6.80	17	311	36	770	6.4	76	4.1	136	24.7	
DATE		NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U (UG/L) (38746)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U (UG/L) (82660)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U (UG/L) (49308)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB SULFONE WAT,FLT GF 0.7U (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U (UG/L) (49312)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	
OCT 24...	--	<.04	<.11	<.10	<.002	<.11	<.004	<.05	<.002	<.20	<.02	<.21	<.005	
DATE		ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, DISS, REC (UG/L) (38711)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL, WATER, FLTRD GF 0.7U (UG/L) (49310)	CAR- BARYL WATER, FLTRD REC (UG/L) (82680)	CARBO- FURAN, WATER, FLTRD GF 0.7U (UG/L) (49309)	CARBO- FURAN WATER, FLTRD GF, REC (UG/L) (82674)	CHLOR- AMBEN, METHYL ESTER WATER FLTRD (UG/L) (61188)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- BHC DIS- SOLVED (UG/L) (38933)	
OCT 24...		<.007	<.010	<.04	<.09	<.07	<.002	<.02	<.041	<.29	<.020	<.14	<.13	<.005
DATE		CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	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)	DI- AZINON, DIS- SOLVED REC (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- BLDRIN DIS- SOLVED (UG/L) (39381)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
OCT 24...		<.42	<.018	<.07	<.003	<.006	<.005	<.04	<.05	<.05	<.005	<.09	<.021	<.06
DATE		DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	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)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	FONOFOS WATER DISS REC (UG/L) (04095)	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- THON, 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)
OCT 24...		<.25	<.002	<.009	<.005	<.07	<.06	<.003	<.004	<.02	<.035	<.027	<.08	<.13
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- THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER 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)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	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)	P,P' DDE DISSOLV (UG/L) (34653)
OCT 24...		<.07	<.02	<.050	<.006	<.013	<.006	<.002	<.007	<.02	<.04	<.28	<.02	<.003



**Surficial Aquifer  
2001 Water Year**

**312025083401101**

**Site Name.—16J032—continued**

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 WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PIC- LORAM, WATER, FLTRD, 0.7U GF (UG/L) (49291)	PRO- METON, WATER, FLTRD, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPA- CHLOR, WATER, FLTRD 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)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
OCT 24...	<.007	<.002	<.010	<.006	<.011	<.09	<.015	<.004	<.010	<.011	<.023	<.09	<.12
DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD 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)	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- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	SAMPLER TYPE (CODE) (84164)	SAM- PLING CONDI- TION (72006)		
OCT 24...	<.03	<.011	<.016	<.034	<.017	<.005	<.002	<.07	<.009	4040	8.00		

Remark codes used in this report:  
 < -- Less than  
 E -- Estimated value

## LIST OF ACTIVE AND DISCONTINUED 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 <sup>2</sup> )	Period(s) of record
<b>02177000</b>	<b>Chattooga River near Clayton</b>	<b>34° 48'50"</b>	<b>83° 18'22"</b>	<b>207</b>	<b>Oct. 1, 1939 to current year</b>
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
<b>02178400</b>	<b>Tallulah River near Clayton</b>	<b>34° 53'25"</b>	<b>83° 31'50"</b>	<b>56.5</b>	<b>Jul. 15, 1964 to current year</b>
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
<b>02181850</b>	<b>Tallulah River above Powerhouse, near Tallulah Falls</b>	<b>34° 43'55"</b>	<b>83° 22'33"</b>	<b>184</b>	<b>Nov. 15, 1997 to current year</b>
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 Apr. 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
<b>02191300</b>	<b>Broad River above Carlton</b>	<b>34° 04'24"</b>	<b>83° 00'12"</b>	<b>760</b>	<b>Oct. 1, 1997 to current year</b>
02191500	Broad River near Carlton	34° 03'56"	82° 59'33"	762	Jul. 1, 1897 to Dec. 31, 1912
<b>02191743</b>	<b>South Fork Broad River at Carlton</b>	<b>34° 01'53"</b>	<b>83° 00'33"</b>	<b>224</b>	<b>May 23, 2000 to current year</b>
02191970	Little Macks Creek near Lexington	33° 56'09"	82° 57'41"	1.73	Dec. 5, 1974 to Sep. 30, 1985
<b>02192000</b>	<b>Broad River near Bell</b>	<b>33° 58'27"</b>	<b>82° 46'12"</b>	<b>1,430</b>	<b>Nov. 1, 1926 to Jul. 31, 1932</b> <b>Aug. 1, 1937 to current year</b>
<b>02193340</b>	<b>Kettle Creek near Washington</b>	<b>33° 40'57"</b>	<b>82° 51'29"</b>	<b>33.9</b>	<b>Apr. 16, 1986 to current year</b>
<b>02193500</b>	<b>Little River near Washington</b>	<b>33° 36'40"</b>	<b>82° 44'40"</b>	<b>291</b>	<b>Oct. 1, 1949 to Jun. 23, 1971</b> <b>May 1, 1989 to current year</b>
02194000	Little River near Linconton	33° 38'40"	82° 28'40"	574	Jan. 1, 1943 to Mar. 31, 1951
<b>02196484</b>	<b>Savannah River near North Augusta, SC</b>	<b>33° 33'06"</b>	<b>82° 02'19"</b>	<b>7,150</b>	<b>Oct. 1, 1988 to current year</b>
02196820	Butler Creek at Fort Gordon	33° 26'36"	82° 07'43"	7.50	Oct. 1, 1968 to Jan. 22, 1991
<b>02197000</b>	<b>Savannah River at Augusta</b>	<b>33° 22'25"</b>	<b>81° 56'35"</b>	<b>7,508</b>	<b>Apr. 1, 1883 to Sep. 30, 1891</b> <b>Apr. 1, 1896 to Sep. 30, 1906</b> <b>Apr. 1, 1925 to current year</b>
<b>02197320</b>	<b>Savannah River near Jackson, SC</b>	<b>33° 13'01"</b>	<b>81° 46'04"</b>	<b>7,800</b>	<b>Oct. 1, 1971 to current year</b>
<b>02197500</b>	<b>Savannah River at Burtons Ferry, Bridge, near Millhaven</b>	<b>32° 56'20"</b>	<b>81° 30'10"</b>	<b>8,650</b>	<b>Oct. 1, 1939 to Sep. 30, 1970</b> <b>Oct. 1, 1982 to current year</b>
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
<b>02197600</b>	<b>Brushy Creek near Wrens</b>	<b>33° 10'37"</b>	<b>82° 18'21"</b>	<b>28.0</b>	<b>May 29, 1958 to current year</b>
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 <sup>2</sup> )	Period(s) of record
02198000	Brier Creek at Millhaven	32° 56'00"	81° 39'05"	646	Apr. 14, 1937 to current year
02198100	Beaverdam Creek near Sardis	32° 56'15"	81° 48'56"	30.8	Jun. 7, 1986 to current year
02198500	Savannah River near Clyo	32° 31'30"	81° 15'45"	9,850	Apr. 1, 1930 to Sep. 30, 1933
02198690	Ebenezer Creek at Springfield	32° 21'56"	81° 17'51"	181	Oct. 1, 1937 to current year
02200500	Ogeechee River near Louisville	32° 58'03"	82° 23'26"	800	Mar. 1, 1990 to Dec. 31, 1949
02201000	Williamson Swamp Creek at Davisboro	32° 58'32"	82° 36'36"	109	Apr. 1, 1937 to current year
02202000	Ogeechee River at Scarboro	32° 42'38"	81° 52'46"	1,940	May 7, 1980 to Jun. 30, 1971
02202500	Ogeechee River near Eden	32° 11'29"	81° 24'58"	2,650	Apr. 27, 1937 to current year
02202600	Black Creek near Blitchton	32° 10'04"	81° 29'18"	232	Feb. 14, 1980 to current year
02203000	Canoochee River near Claxton	32° 11'05"	81° 53'20"	555	May 26, 1937 to current year
02203500	Canoochee River near Groveland	32° 05'55"	81° 43'43"	921	Jun. 23, 1903 to Dec. 31, 1907
02203559	Peacock Creek at McIntosh	31° 48'49"	81° 31'13"	33.0	Oct. 1, 1966 to Sep. 30, 1977
02203600	South River at East Point	33° 40'50"	84° 25'15"	1.49	Oct. 1, 1963 to Sep. 30, 1969
02203900	South River at Flakes Mill Road, near Atlanta	33° 39'58"	84° 13'29"	99.0	Aug. 23, 1979 to Sep. 30, 1983
02204070	South River at Klondike Road, near Lithonia	33° 37'47"	84° 07'43"	182	Oct. 1, 1983 to current year
02204285	Pates Creek near Flippen	33° 29'34"	84° 14'44"	11.9	Aug. 9, 1977 to Sep. 30, 1984
02204500	South River near McDonough	33° 29'48"	84° 00'53"	456	Oct. 1, 1939 to Sep. 30, 1960
02205000	Wildcat Creek near Lawrenceville	34° 00'08"	84° 00'18"	1.59	Oct. 1, 1975 to Sep. 30, 1982
02205500	Pew Creek near Lawrenceville	33° 56'05"	84° 01'00"	2.23	Oct. 1, 1953 to Sep. 30, 1963
02206000	Shetley Creek near Norcross	33° 57'20"	84° 09'40"	0.98	Oct. 1, 1953 to Sep. 30, 1963
02206500	Yellow River near Snellville	33° 51'11"	84° 04'45"	134	Oct. 1, 1942 to Sep. 30, 1971
02207000	Garner Creek near Snellville	33° 51'45"	84° 05'50"	5.54	Oct. 1, 1987 to current year
02207185	No Business Creek at Lee Road, below Snellville	33° 46'40"	84° 02'16"	10.14	Oct. 1, 1953 to Sep. 30, 1963
02207385	Big Haynes Creek at Lenora Road, near Snellville	33° 48'54"	83° 59'25"	17.30	Oct. 1, 2000 to current year
02207400	Brushy Fork Creek at Beaver Road, near Loganville	33° 49'17"	83° 56'33"	8.13	Oct. 1, 2000 to current year
02207500	Yellow River near Covington	33° 36'52"	83° 54'54"	378	Sep. 12, 1897 to Dec. 31, 1897
02208150	Alcovy River at New Hope Road, near Grayson	33° 55'03"	83° 53'17"	30.75	May 9, 1899 to Dec. 31, 1901
02208450	Alcovy River above Covington	33° 38'24"	83° 46'45"	185	Jul. 1, 1944 to Sep. 30, 1960
02208500	Alcovy River near Covington	33° 35'35"	83° 48'29"	228	Oct. 1, 1975 to Sep. 30, 1982
02209000	Alcovy River below Covington	33° 30'21"	83° 49'30"	244	Oct. 1, 2000 to current year
02209500	Alcovy River near Stewart	33° 25'22"	83° 49'43"	291	Jan. 26, 1972 to current year
02210500	Ocmulgee River near Jackson	33° 18'28"	83° 50'18"	1,420	May 1, 1901 to Dec. 31, 1904
02211300	Towaliga River near Jackson	33° 15'50"	84° 04'17"	105	Oct. 1, 1928 to Apr. 30, 1932
02211459	Big Towaliga Creek near Barnesville	33° 04'20"	84° 11'04"	2.36	Jul. 1, 1944 to Dec. 31, 1949
02211500	Towaliga River near Forsyth	33° 07'17"	83° 56'36"	315	Jul. 1, 1944 to Dec. 31, 1949
02212500	Ocmulgee River at Juliette	33° 05'50"	83° 47'10"	1,960	Jun. 1, 1916 to Sep. 30, 1921
02212600	Falling Creek near Juliette	33° 05'59"	83° 43'25"	72.2	Jul. 2, 1974 to May 15, 1988
02213000	Ocmulgee River at Macon	32° 50'19"	83° 37'14"	2,240	Jul. 7, 1964 to current year
02213050	Walnut Creek near Gray	32° 58'20"	83° 37'08"	29.0	Feb. 1, 1893 to Jul. 31, 1912
02213470	Tobesofkee Creek above Macon	32° 52'02"	83° 50'24"	156	Oct. 1, 1928 to current year
02213500	Tobesofkee Creek near Macon	32° 48'32"	83° 45'30"	182	Oct. 1, 1928 to current year
02213700	Ocmulgee River near Warner Robins	32° 40'17"	83° 36'11"	2,690	Oct. 1, 1961 to Apr. 26, 1994
02214000	Echeconnee Creek near Macon	32° 45'54"	83° 50'22"	147	Apr. 1, 1967 to Sep. 30, 1971
22145000	Big Indian Creek at Perry	32° 27'20"	83° 44'21"	108	Apr. 1, 1937 to Sep. 30, 1943
02215000	Ocmulgee River at Hawkinsville	32° 16'50"	83° 27'40"	3,800	Oct. 1, 1943 to Jul. 31, 1971
02215100	Tucsawhatchee Creek near Hawkinsville	32° 14'22"	83° 30'06"	163	Oct. 1, 1928 to Dec. 31, 1931
02215400	Big Horse Creek near Lumber City	31° 51'07"	82° 49'37"	155	Oct. 1, 1943 to Sep. 30, 1959
02215500	Ocmulgee River at Lumber City	31° 55'06"	82° 40'26"	5,180	Apr. 1, 1986 to current year
02216000	Little Ocmulgee River at Towns	32° 00'28"	82° 45'10"	351	Oct. 1, 1958 to Dec. 31, 1961
02216180	Turnpike Creek near McRae	31° 59'29"	82° 55'19"	49.2	Oct. 1, 1936 to current year
02216610	Tillman Mill Creek near Lumber City	31° 58'53"	82° 38'32"	2.71	Apr. 1, 1937 to Dec. 31, 1946
					Jan. 1, 1983 to current year
					Oct. 1, 1974 to Sep. 30, 1985

## LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi <sup>2</sup> )	Period(s) of record
02217000	Allen Creek at Talmo	34° 11'34"	83° 43'11"	17.3	Jul. 7, 1951 to Sep. 30, 1971
<b>02217475</b>	<b>Middle Oconee River near Arcade</b>	<b>34° 01'54"</b>	<b>83° 33'48"</b>	<b>340</b>	<b>Mar. 1, 1987 to current year</b>
<b>02217500</b>	<b>Middle Oconee River near Athens</b>	<b>33° 56'48"</b>	<b>83° 25'22"</b>	<b>392</b>	<b>Oct. 1, 1901 to Sep. 30, 1902</b>
					<b>Jan. 1, 1929 to Mar. 31, 1932</b>
					<b>May 1, 1937 to current year</b>
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
<b>02218300</b>	<b>Oconee River near Penfield</b>	<b>33° 43'16"</b>	<b>83° 17'44"</b>	<b>940</b>	<b>Aug. 1, 1977 to current year</b>
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
<b>02219000</b>	<b>Apalachee River near Bostwick</b>	<b>33° 47'17"</b>	<b>83° 28'27"</b>	<b>176</b>	<b>Jul. 1, 1944 to Dec. 31, 1949</b>
					<b>Apr. 28, 1977 to current year</b>
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
<b>02220900</b>	<b>Little River near Eatonton</b>	<b>33° 18'50"</b>	<b>83° 26'14"</b>	<b>262</b>	<b>Aug. 1, 1977 to current year</b>
02221000	Murder Creek near Monticello	33° 24'56"	83° 39'43"	24.0	Oct. 1, 1951 to Sep. 30, 1971
<b>02221525</b>	<b>Murder Creek below Eatonton</b>	<b>33° 15'08"</b>	<b>83° 28'53"</b>	<b>190</b>	<b>Apr. 27, 1977 to current year</b>
<b>02223000</b>	<b>Oconee River at Milledgeville</b>	<b>33° 05'22"</b>	<b>83° 12'56"</b>	<b>2,950</b>	<b>Sep. 1, 1903 to current year</b>
<b>02223056</b>	<b>Oconee River at Avant Mine, near Oconee</b>	<b>32° 56'23"</b>	<b>83° 04'01"</b>	<b>3,100</b>	<b>Nov. 4, 1992 to current year</b>
02223110	Buffalo Creek near Oconee	32° 53'28"	82° 57'40"	293	Jan. 28, 1993 to Oct. 2, 1996
<b>02223248</b>	<b>Oconee River near Oconee</b>	<b>32° 47'14"</b>	<b>82° 57'26"</b>	<b>3,770</b>	<b>Nov. 1, 1992 to current year</b>
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
<b>02223500</b>	<b>Oconee River at Dublin</b>	<b>32° 32'40"</b>	<b>82° 53'41"</b>	<b>4,400</b>	<b>Oct. 1, 1897 to current year</b>
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
<b>02225000</b>	<b>Altamaha River near Baxley</b>	<b>31° 56'20"</b>	<b>82° 21'13"</b>	<b>11,600</b>	<b>Aug. 14, 1949 to Jun. 30, 1951</b>
					<b>Oct. 1, 1970 to current year</b>
<b>02225500</b>	<b>Ohoopsee River near Reidsville</b>	<b>32° 04'42"</b>	<b>82° 10'39"</b>	<b>1,110</b>	<b>Jun. 24, 1903 to Dec. 31, 1907</b>
					<b>May 25, 1937 to current year</b>
<b>02226000</b>	<b>Altamaha River at Doctortown</b>	<b>31° 39'16"</b>	<b>81° 49'41"</b>	<b>13,600</b>	<b>Oct. 1, 1931 to current year</b>
02226100	Penholoway Creek near Jesup	31° 34'00"	81° 50'18"	210	Jul. 1, 1958 to Mar. 27, 2001
<b>02226500</b>	<b>Satilla River near Waycross</b>	<b>31° 14'17"</b>	<b>82° 19'29"</b>	<b>1,200</b>	<b>Apr. 1, 1937 to current year</b>
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
<b>02227500</b>	<b>Little Satilla River near Offerman</b>	<b>31° 27'04"</b>	<b>82° 03'17"</b>	<b>646</b>	<b>Jan. 27, 1951 to current year</b>
<b>02228000</b>	<b>Satilla River at Atkinson</b>	<b>31° 13'16"</b>	<b>81° 52'03"</b>	<b>2,790</b>	<b>Mar. 21, 1930 to current year</b>
<b>02228500</b>	<b>North Prong St Marys River at Moniac</b>	<b>30° 31'03"</b>	<b>82° 13'50"</b>	<b>160</b>	<b>Feb. 1, 1921 to Dec. 31, 1923</b>
					<b>Feb. 1, 1927 to Jun. 30, 1930</b>
					<b>Aug. 1, 1932 to Jun. 30, 1934</b>
					<b>Oct. 1, 1950 to current year</b>
<b>02231000</b>	<b>St Marys River near Macclenny, FL</b>	<b>30° 21'31"</b>	<b>82° 04'54"</b>	<b>700</b>	<b>Oct. 1, 1926 to current year</b>
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
<b>02314500</b>	<b>Suwannee River at Fargo</b>	<b>30° 40'50"</b>	<b>82° 33'38"</b>	<b>1,260</b>	<b>Jan. 28, 1927 to Dec. 9, 1931</b>
					<b>Apr. 20, 1937 to current year</b>
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
<b>02317500</b>	<b>Alapaha River at Statenville</b>	<b>30° 42'14"</b>	<b>83° 02'00"</b>	<b>1,400</b>	<b>Jan. 28, 1921 to Jun. 30, 1921</b>
					<b>Dec. 10, 1931 to current year</b>
02317748	Withlacoochee River near Bemiss	30° 57'24"	83° 16'12"	501	Oct. 13, 1976 to Dec. 31, 1981
<b>023177483</b>	<b>Withlacoochee River at McMillan Road, near Bemiss</b>	<b>30° 56'50"</b>	<b>83° 16'22"</b>	<b>502</b>	<b>Jun. 11, 1988 to current year</b>
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
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

## LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi <sup>2</sup> )	Period(s) of record
02318500	Withlacoochee River 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 near Buford	34° 07'57"	84° 04'12"	9.35	Oct. 1, 1995 to Jan. 6, 1997
02334500	Chattahoochee River near Buford	34° 07'34"	84° 05'37"	1,060	Jan. 27, 1942 to Sep. 30, 1971
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
02335450	Chattahoochee River at Eves Road, 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
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
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 Apr. 27, 1995 to Jan. 13, 1998
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
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
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
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

## LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi <sup>2</sup> )	Period(s) of record
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
<b>02338660</b>	<b>New River near Corinth</b>	<b>33° 14'07"</b>	<b>84° 59'16"</b>	<b>127</b>	<b>Oct. 1, 1978 to current year</b>
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
<b>02339500</b>	<b>Chattahoochee River at West Point</b>	<b>32° 53'10"</b>	<b>85° 10'56"</b>	<b>3,550</b>	<b>Aug. 1, 1896 to current year</b>
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
<b>02341500</b>	<b>Chattahoochee River at Columbus</b>	<b>32° 27'45"</b>	<b>84° 59'52"</b>	<b>4,670</b>	<b>Aug. 23, 1929 to current year</b>
<b>02341800</b>	<b>Upatoi Creek near Columbus</b>	<b>32° 24'48"</b>	<b>84° 49'12"</b>	<b>342</b>	<b>Apr. 1, 1968 to current year</b>
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
<b>02343801</b>	<b>Chattahoochee River near Columbia, AL</b>	<b>31° 15'33"</b>	<b>85° 06'37"</b>	<b>8,210</b>	<b>Oct. 1, 1975 to current year</b>
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 Jun. 1, 1960 to Sep. 30, 1973
02344300	Camp Creek near Fayetteville	33° 31'00"	84° 25'39"	17.2	Jun. 1, 1960 to Sep. 30, 1973
<b>02344350</b>	<b>Flint River near Lovejoy</b>	<b>33° 24'56"</b>	<b>84° 23'05"</b>	<b>130</b>	<b>May 7, 1985 to current year</b>
<b>02344500</b>	<b>Flint River near Griffin</b>	<b>33° 14'39"</b>	<b>84° 25'45"</b>	<b>272</b>	<b>Mar. 1, 1937 to current year</b>
<b>02344700</b>	<b>Line Creek near Senoia</b>	<b>33° 19'10"</b>	<b>84° 31'25"</b>	<b>101</b>	<b>Sep. 1, 1964 to current year</b>
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
<b>02347500</b>	<b>Flint River near Culloden</b>	<b>32° 43'17"</b>	<b>84° 13'57"</b>	<b>1, 850</b>	<b>Jul. 1, 1911 to May 31, 1923</b> <b>Jul. 21, 1928 to Dec. 31, 1931</b> <b>Mar. 18, 1937 to current year</b>
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
<b>02349500</b>	<b>Flint River at Montezuma</b>	<b>32° 17'53"</b>	<b>84° 02'38"</b>	<b>2,900</b>	<b>Oct. 1, 1904 to Dec. 31, 1909</b> <b>Jan. 1, 1911 to Dec. 31, 1912</b> <b>Jul. 1, 1930 to current year</b>
<b>02349900</b>	<b>Turkey Creek at Byromville</b>	<b>32° 11'44"</b>	<b>83° 54'03"</b>	<b>45.0</b>	<b>Jun. 20, 1958 to current year</b>
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° 02'06"	83° 59'33"	61.8	Apr. 30, 1983 to Jan. 11, 1984 Mar. 1, 1993 to Feb. 21, 1996
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
<b>02350512</b>	<b>Flint River at GA 32, near Oakfield</b>	<b>31° 43'30"</b>	<b>84° 01'07"</b>	<b>3,880</b>	<b>May 1, 1987 to current year</b>
02350600	Kinchafoonee Creek at Preston	32° 03'09"	84° 32'54"	197	Oct. 1, 1951 to Sep. 30, 1977
<b>02350900</b>	<b>Kinchafoonee Creek near Dawson</b>	<b>31° 45'52"</b>	<b>84° 15'12"</b>	<b>527</b>	<b>Mar. 7, 1985 to current year</b>
02351000	Kinchafoonee Creek near Leesburg	31° 43'10"	84° 11'08"	586	Apr. 1, 1906 to Dec. 31, 1909
<b>02351890</b>	<b>Muckalee Creek at GA 195, near Leesburg</b>	<b>31° 46'34"</b>	<b>84° 08'22"</b>	<b>362</b>	<b>Dec. 15, 1979 to current year</b>
<b>02352500</b>	<b>Flint River at Albany</b>	<b>31° 35'39"</b>	<b>84° 08'39"</b>	<b>5,310</b>	<b>Oct. 1, 1901 to Jun. 30, 1921</b> <b>Oct. 1, 1929 to current year</b>
<b>02353000</b>	<b>Flint River at Newton</b>	<b>31° 18'34"</b>	<b>84° 20'06"</b>	<b>5,740</b>	<b>Apr. 1, 1938 to Sep. 30, 1945</b> <b>Oct. 1, 1946 to Sep. 30, 1947</b> <b>Jan. 1, 1949 to Sep. 30, 1950</b>
<b>02353400</b>	<b>Pachitla Creek near Edison</b>	<b>31° 33'17"</b>	<b>84° 40'43"</b>	<b>188</b>	<b>Jun. 9, 1959 to Sep. 30, 1971</b> <b>Mar. 24, 1988 to current year</b>
<b>02353500</b>	<b>Ichawaynochaway Creek at Milford</b>	<b>31° 22'58"</b>	<b>84° 32'52"</b>	<b>620</b>	<b>Sep. 1, 1905 to Dec. 31, 1907</b> <b>Oct. 1, 1939 to current year</b>
02354000	Alligator Creek near Milford	31° 21'17"	84° 33'58"	14.0	Jan. 1, 1942 to May 31, 1952
<b>02354500</b>	<b>Chickasawhatchee Creek at Elmodel</b>	<b>31° 21'09"</b>	<b>84° 29'10"</b>	<b>320</b>	<b>Oct. 1, 1939 to Dec. 31, 1949</b> <b>Jul. 28, 1995 to current year</b>
<b>02354800</b>	<b>Ichawaynochaway Creek near Elmodel</b>	<b>31° 17'42"</b>	<b>84° 29'17"</b>	<b>1,000</b>	<b>Apr. 15, 1995 to current year</b>

## LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi <sup>2</sup> )	Period(s) of record
02355000	Ichawanochaway 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
<b>02355350</b>	<b>Ichawanochaway Creek below Newton</b>	<b>31° 12'48"</b>	<b>84° 28'24"</b>	<b>1,040</b>	<b>Apr. 15, 1995 to current year</b>
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
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
<b>02357000</b>	<b>Spring Creek near Iron City</b>	<b>31° 02'23"</b>	<b>84° 44'18"</b>	<b>485</b>	<b>Jun. 11, 1937 to Apr. 30, 1971</b> <b>Dec. 20, 1976 to Sep. 30, 1978</b> <b>Jun. 7, 1982 to current year</b>
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
<b>02380500</b>	<b>Coosawattee River near Ellijay</b>	<b>34° 40'18"</b>	<b>84° 30'31"</b>	<b>236</b>	<b>Oct. 1, 1938 to Dec. 31, 1949</b> <b>Jun. 1, 1963 to current year</b>
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
<b>02381600</b>	<b>Fausett Creek near Talking Rock</b>	<b>34° 34'17"</b>	<b>84° 27'55"</b>	<b>9.99</b>	<b>Oct. 1, 1974 to current year</b>
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
<b>02382200</b>	<b>Talking Rock Creek near Hinton</b>	<b>34° 31'22"</b>	<b>84° 36'40"</b>	<b>119</b>	<b>Nov. 1, 1973 to current year</b>
02382300	Talking Rock Creek near Carters	34° 35'20"	84° 40'05"	142	Oct. 1, 1963 to Sep. 30, 1971
<b>02382500</b>	<b>Coosawattee River at Carters</b>	<b>34° 36'13"</b>	<b>84° 41'44"</b>	<b>521</b>	<b>Sep. 1, 1896 to Dec. 1, 1908</b> <b>Dec. 21, 1918 to Sep. 30, 1923</b> <b>Oct. 1, 1961 to Sep. 7, 1972</b> <b>Oct. 1, 1974 to current year</b>
02383000	Rock Creek near Fairmount	34° 21'32"	84° 46'46"	6.17	Oct. 1, 1951 to Sep. 30, 1974
<b>02383500</b>	<b>Coosawattee River near Pine Chapel</b>	<b>34° 33'51"</b>	<b>84° 49'59"</b>	<b>831</b>	<b>Nov. 11, 1938 to current year</b>
02384000	Conasauga River near Tenna	35° 00'34"	84° 44'02"	108	May 27, 1929 to Dec. 31, 1931 Oct. 1, 1943 to Dec. 31, 1947
<b>02384500</b>	<b>Conasauga River near Eton</b>	<b>34° 49'40"</b>	<b>84° 51'03"</b>	<b>252</b>	<b>Oct. 1, 1981 to current year</b>
<b>02384540</b>	<b>Mill Creek near Crandall</b>	<b>34° 52'19"</b>	<b>84° 43'17"</b>	<b>8.27</b>	<b>Jan. 30, 1985 to current year</b>
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
<b>02385800</b>	<b>Holly Creek near Chatsworth</b>	<b>34° 43'00"</b>	<b>84° 46'12"</b>	<b>64.0</b>	<b>Jun. 1, 1960 to current year</b>
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
<b>02387000</b>	<b>Conasauga River at Tilton</b>	<b>34° 40'00"</b>	<b>84° 55'42"</b>	<b>687</b>	<b>Jun. 5, 1937 to current year</b>
<b>02387500</b>	<b>Oostanaula River at Resaca</b>	<b>34° 34'42"</b>	<b>84° 56'29"</b>	<b>1,600</b>	<b>Nov. 1, 1892 to current year</b>
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 May 9, 1968 to Sep. 30, 1989
02388300	Heath Creek near Rome	34° 21'57"	85° 16'17"	14.7	May 9, 1968 to Sep. 30, 1989
<b>02388320</b>	<b>Heath Creek near Armuchee</b>	<b>34° 22'18"</b>	<b>85° 15'50"</b>	<b>16.6</b>	<b>Mar. 2, 1982 to current year</b>
<b>02388500</b>	<b>Oostanaula River near Rome</b>	<b>34° 18'02"</b>	<b>85° 08'30"</b>	<b>2,120</b>	<b>Oct. 1, 1939 to current year</b>
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 Apr. 1, 1939 to Jun. 30, 1940
02391500	Sharp Mountain Creek near Ballground	34° 20'15"	84° 24'26"	63.8	Apr. 1, 1939 to Jun. 30, 1940
<b>02392000</b>	<b>Etowah River at Canton</b>	<b>34° 14'23"</b>	<b>84° 29'47"</b>	<b>613</b>	<b>Oct. 1, 1896 to Sep. 30, 1905</b> <b>Oct. 1, 1936 to current year</b>
02392500	Little River near Roswell	34° 07'09"	84° 23'18"	60.0	Jan. 1, 1947 to Sep. 30, 1976
<b>02394000</b>	<b>Etowah River at Allatoona Dam, above Cartersville</b>	<b>34° 09'47"</b>	<b>84° 44'28"</b>	<b>1,120</b>	<b>Sep. 1, 1938 to current year</b>

## LIST OF ACTIVE AND DISCONTINUED STREAMFLOW STATIONS-continued

Station Number	Station name	Latitude	Longitude	Drainage Area (mi <sup>2</sup> )	Period(s) of record
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
<b>02395120</b>	<b>Two Run Creek near Kingston</b>	<b>34° 14'34"</b>	<b>84° 53'23"</b>	<b>33.1</b>	<b>May 2, 1980 to current year</b>
02395500	Dykes Creek near Rome	34° 15'30"	85° 05'01"	14.9	Jan. 1, 1939 to Dec. 31, 1942
<b>02395980</b>	<b>Etowah River at GA 1 Loop, near Rome</b>	<b>34° 13'56"</b>	<b>85° 07'01"</b>	<b>1,801</b>	<b>Oct. 1, 1994 to current year</b>
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
<b>02397000</b>	<b>Coosa River near Rome</b>	<b>34° 12'01"</b>	<b>85° 15'24"</b>	<b>4,040</b>	<b>Oct. 1, 1896 to Dec. 31, 1903</b>
					<b>Jun. 21, 1928 to Dec. 31, 1931</b>
					<b>Mar. 10, 1937 to Dec. 31, 1958</b>
					<b>Oct. 1, 1962 to current year</b>
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
<b>02398000</b>	<b>Chattooga River at Summerville</b>	<b>34° 28'03"</b>	<b>85° 20'19"</b>	<b>192</b>	<b>Mar. 11, 1937 to current year</b>
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
<b>03544947</b>	<b>Brier Creek near Hiwassee</b>	<b>34° 50'05"</b>	<b>83° 42'34"</b>	<b>1.67</b>	<b>May 25, 1984 to current year</b>
03545000	Hiwassee 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
<b>03568933</b>	<b>Lookout Creek near New England</b>	<b>34° 53'51"</b>	<b>85° 27'47"</b>	<b>149</b>	<b>Aug. 30, 1979 to current year</b>
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